

SCHOOL OF ARCHITECTURE OKLAHOMA STATE UNIVERSITY



- ▲ OSU fans rush the field following the Bedlam WIN on November 27, 2021.
- ◀ (Cover) The Fall ARCH 5117 class field trip to New York City, October 2021.

Newsletter designed and published by Suzanne Bilbeisi at the Oklahoma State University School of Architecture. Printed on Mohawk Via Light Gray with a smooth finish. Bound at the Oklahoma State University School of Architecture. Original content authors retain copyright of their creative work.

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The vision of the School of Architecture is to empower students to make creative contributions in the cause of architecture.

The mission of the School of Architecture is to cultivate a collaborative learning community focused upon critical thinking and ethical responsibility. We embrace established fundamentals and encourage the exploration of emerging innovations in design and technology.

Reflections
Vol. IX Fall 2021



The Jones Studio was founded in Phoenix, Arizona, in 1979 by Eddie Jones. Younger brother Neal joined the firm in 1986. For 42 years and counting, they have never waived from their core principles: design is king; never compromise, never sellout; take calculated risks, continue to be curious, be inspired; be supportive of your colleagues, be helpful, give back to the profession, and take care of the next generation of architects. Their recent book *'Jones Studio Houses, Sensual Modernism'* from Oscar Riera Ojeda Publishers offers a beautiful collection of 10 built works and 3 unbuilt works; the book is available for purchase at most online book retailers.

Eddie and Neal are extremely proud of their alma mater. Their many travels over the years to other university architecture schools around the country and the world has confirmed in their minds that the OSU School of Architecture has no equal. Notes Neal, "We have yet to see another program with the work product produced by the students of the OSU School of Architecture. OSU has the best Architecture program in the United States."

competed this year, ours was the only Oklahoma team to place. The student proposal responded to the project objective requiring equitable space design with a concept aimed at revitalizing and reconnecting the Strawberry Hill neighborhood to the surrounding areas and the the broader cultural context of Kansas City.

A small team of our NOMAS members competed this fall in the annual Barbara G. Laurie Student Design Competition. This year was particularly noteworthy, celebrating the 50th anniversary of NOMA (the National Organization of Minority Architects) with a homecoming to Detroit, where it all began in 1971. This year's competition provided a design challenge for a Legacy Headquarters and Resource Campus for NOMA. The project challenged students to design a facility that should "not only serve as a valuable time capsule of Black culture's impact on the built environment, but also an invaluable asset addressing the challenges of the marginalized community it is positioned in." Our student team advanced to the second tier of judging this year, joining an elite group of six finalists.

► Alumni Eddie Jones and Neal Jones were invested into the College of Fellows of the AIA

Alumni News

We are saddened to share news of the passing of Merv Snowden (M ArcE '66) this fall. Merv was an insightful structural engineer, a valued mentor and friend, and devoted family man. He served on the SoA Advisory Board for many years. Merv will be missed.

The work of Eric Hoffman (B Arch '99) was featured in the 2021 Venice Architectural Biennale in an exhibit titled "A South Forty: Contemporary Architecture and Design in the American South." Congratulations, Eric!

Eddie Jones (B Arch '73) and Neal Jones (B Arch '77) were elevated to Fellowship in the American Institute of Architects this December in the Kennedy Center Opera House, Washington D.C. They are the first brothers in the history of the AIA to be elevated together, in the same year. Wow!

Final Notes

Alumni - keep in touch! We're always glad to hear from you. Email with any comments to: suzanne.bilbeisi@okstate.edu.

Lastly, please know that there are many ways to be involved with the OSU School of Architecture - Thank you, Alumni!

REFLECTIONS

Hello!

The Fall 2021 semester is complete, as we finish out a second unusual calendar year in a row. I am happy to share that at the OSU School of Architecture we successfully made it through another semester of in-person learning - in no small measure because of our shared commitment to learning and helping one another. We are eager to start a new year and wish all a very calm 2022.

It is my pleasure to bring this edition of the *Reflections* newsletter to you. "Remember when we used to go places?" Our goal for this issue is to communicate some of the ways we are exploring "places" in our work at the School of Architecture. This semester, this has taken the form of unique project assignments and client interactions, faculty research, and other enrichment activities that are a part of student life and learning at the School of Architecture today.

Enjoy the articles and information within this newsletter, and please do keep in touch with us here at the School. We are proud of our current students and of the accomplishments of our alumni!



Suzanne Bilbeisi, AIA

Centennial Professor and
Head of the School of Architecture
suzanne.bilbeisi@okstate.edu

PS: To see examples of this semester's student work, check out our end of semester 'Virtual Open House' videos on social media!

Website: <https://ceat.okstate.edu/arch/>

Facebook: Oklahoma State University School of Architecture

Instagram: @OkStateArch

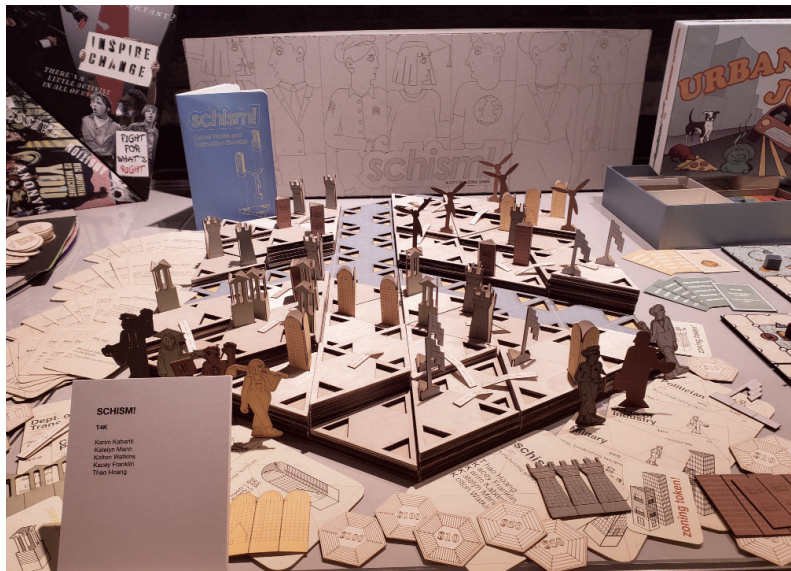
◀ Fall Graduation at Gallagher Iba - the first in person ceremony here since Fall 2019;
Inset: A new OSU graduate in the Bilbeisi family - in Industrial Engineering & Management.

GAMING PLACE

Nathan Richardson Associate Professor of Architecture
Jared Macken Assistant Professor of Architecture
Seung Ra Associate Professor of Architecture

Have you ever considered the design aspects involved in a board game? Our fifth year students were tasked with doing just this with the conceptual starting point of “urban island” - the who, what, when, where, and why that would create the motivations of players and establish the rules for a game. Organizationally, the game had to accommodate 3-8 players and be winnable by a player or team in 30-120 minutes. Physically, the game had to include a playing surface, three-dimensional playing pieces, instructions, and supplemental elements such as currency and cards. It’s a much more complicated design problem than one would think! In just under four weeks, the students delivered outstanding results. The exercise stretched their creativity in areas of rulemaking, strategy, managing stakeholder interests, dealing with chance, and communicating in written, graphic, and three-dimensional form. Most importantly, students explored key features of urban life in a highly engaging, experiential, and unique design project. The results were quite beautiful!

► The fifth year students install their exhibit of games on the interactive exhibit table
 ▼ “Schismi!” by team T4K



to create short videos about steel in “the real world.” She will be interviewing industry professionals; the content will be used in college courses all over the country to engage students’ interest in topics relating to steel.

remembrance. He has also been working to build relationships with the architecture programs at two HBCUs in the south: Tuskegee and Prairie View A&M Universities.

Student News

This academic year we are on track to graduate a very large group of students: 24 Arch and one double major this Fall, and 21 Arch and 8 AEs in spring. That’s a total of 54 graduates in one academic year. Wow!

This Fall we also accepted record numbers into into Professional School: 42 Architecture majors, and 18 in Architectural Engineering. In August, we hosted a Professional School Welcome for this large group, which included upper curriculum orientation, enrichment programs led by faculty, and shop training. Cole Griffin (B ArcE ‘16 - who is currently practicing abroad in Belgium), gave the speech at the annual Black-T Ceremony.

In the annual AIA Central States Region 12 hour student design competition, an OSU team of fifth year students, led by Associate Professor Seung Ra, received a Third Place designation! Thirteen teams from seven universities

The Spring Comprehensive Studio teaching team received a grant from OSU aimed at raising awareness of sustainable energy. The proposal included award funding to recognize student projects that illustrate performance based energy design strategies. Subsequently, these projects will be displayed to the public, with a focus on sharing our student work with K-12 students in several venues across the state.

The Knight Family Fellowship was established and funded in an endowment by alumni Jim Knight and Chuck Knight with the purpose of facilitating young faculty development. Assistant Professor Keith Peiffer was awarded the Fellowship in 2021; Keith chose to travel to the Deep South where he learned more about sites significant to the Civil Rights movement and the role that architecture and urbanism played in providing spaces of gathering, protest, and

diversity office programming will also be under her umbrella. While we will miss her in our department, Carisa will remain integral to CEAT.

We have opened a faculty search for a new Architectural Engineering Assistant Professor! The ideal candidate has a Master of AE or Civil Engineering, several years of professional experience, and a professional license. Candidates should have a desire to engage with students (both architecture and AE), and an area of scholarly interest. Knowledge of construction processes is a plus. Applications are being accepted now, with a review of candidates scheduled for the start of the year. For further information refer to the position description posted on our school's homepage, or contact Professor John Phillips, john.j.phillips@okstate.edu. We need your help locating a fantastic addition to our already fantastic AE teaching team!

At the OSU Fall Convocation, Dr. Tom Spector was recognized with an Honorable Mention in the Dr. Patricia A. Bell Inclusive Excellence Faculty Award program. This award recognizes professors who bring their

students a better understanding and appreciation of the values of diversity and inclusion. Tom's work in addressing underserved populations through the comprehensive studio projects he devises (with actual client reps), and the prickly topics he tackles in his Architectural Ethics class are ample evidence of his solid commitment to creating a better understanding of the diverse community our students will ultimately engage in practice.

This past summer, Assistant Professor Keith Peiffer was recognized at the Building Technology Educators Society National Conference with the "Emerging Faculty Award"! This award recognizes demonstrated excellence in teaching performance and innovation during the formative years of an architectural teaching career in building technology subjects. Peiffer teaches Architectural Materials, Theory and Criticism, and Design Studios second through fourth years where he exhibits his knowledge and love for the making of Architecture.

Assistant Professor Christina McCoy received the American Institute of Steel Construction Educators' Grant for her proposal



FUN & GAMES

Original games conceived/developed/tested/fabricated by the students (and hopefully someday mass produced!) were:

"SCHISM!"
 "DATA RUSH"
 "IMPACT"
 "SIX CITIES"
 "PLACEMAKERS"

"SNAKES & SLOTHS"
 "MEGALO-MAN-IA"
 "RUSH HOUR"
 "URBAN JUNGLE"

EXPLORING PLACE

Seung Ra Associate Professor of Architecture
Nathan Richardson Associate Professor of Architecture

The Urban Studio has long included a travel-study experience to a major metropolis in the United States. This fall, the urban studio was again able to explore the city in real life, real time, and full-color as we visited New York City with 39 students—our largest travel contingent in the history of the studio. The theme for the semester was the study of urban islands. New York City, an island itself, and the nearby tiny Governors Island, were the foci of the studio's investigations and proposals. As a part of the travel experience, students presented their Masterplan concepts to representatives of the Governors Island Trust. The feedback they received, and their own research prepared them to develop extensive proposals for the future of Governors Island—the focus of their final projects of the semester.

In addition to presenting Masterplans of Governors Island, students studied lower Manhattan, Brooklyn, and Mid-Town, visiting such places as Little Island, the Highline, Hudson Yards, Central Park, the World Trade Center, Domino Park, and many other destinations. The field study was coordinated with the annual Open House New York, which allowed students to participate in special tours, talks, and exhibitions of their own choosing.

As students explored the city over the seven day excursion, they were asked to document their insight by capturing images that expressed concepts important to their project, such as: islands, edges, interfaces, transitions, people, transportation, and food culture. Through photography, videography, and sketching, students recorded these moments in themes that would eventually find relevance in their design studio projects through the end of the semester. During the field-study students shared their work via in-person meetings and a class-based mobile-app that kept everyone informed of our collective research. As a result, the studio amassed over a thousand images, instances, and experiences in a conceptually themed album for all to share—a small portion of which is presented here.

Thank you to the NYC field trip sponsors Randy and Valda Kreie, Mike and Sharon Damore, Bill and Mindy Silk, and Steve and Jane Ford!

► The students captured images documenting varied conditions and themes while in NYC.



In late October, the virtual ABET accreditation visit occurred for all CEAT programs in engineering. To prepare for the review of our Architectural Engineering program, Professors Phillips, Ramming, and Bilbeisi developed the 300 page self study while the faculty diligently collected examples of student work illustrating that our program meets our Student Outcomes and our Program Educational Objectives. Assessment and continuous improvement are key to the ABET accreditation process. Several faculty, current students, and alumni were a part of the virtual meetings to answer questions from the reviewer. It was a herculean effort, which happens every six years for our college. Unfortunately, we cannot publish the results of the review until they become official after the ABET national board convenes next July... but we believe it went very well!

Our coffee sponsorship program, wherein professional firms support free coffee for the students for one month - is still going strong. The coffee cart resides just outside the Cunningham Architecture Library

and the Jack and Carol Corgan Auditorium, which is very handy! For a modest fee, firms support the purchase of K-Cups and our students enjoy free coffee! The Fall 2021 coffee sponsors were SGA Design Group, FSB, First Commercial Management, and Veux Deux. Thank you! In exchange for the sponsorships, firms are recognized on our school's info TVs, and can place firm swag on the coffee cart. If your firm would like more info, email architecture@okstate.edu.

Faculty News

At the start of the Fall semester, Associate Professor Carisa Ramming moved to the Dean's office to be a part of CEAT leadership. Her role is a new one for the college; her title is "Assistant Dean of Student Engagement and Inclusion". Because Carisa has always had a very student-centered approach to her work, the move is a perfect fit for her talents. Carisa will remain the Academic Director of CEAT Summer Bridge, a three-week transitional program in late summer for new freshmen into the college. Student recruiting, the student academic advising office, scholarships, study abroad, career services, and

► Top: Professors John Phillips and Suzanne Bilbeisi virtually meet with our ABET reviewer;
Bottom: Assistant Dean Ramming shows off her OSU pride at Homecoming



NEWS

School News

In late August, a PBS film crew spent the day at the School of Architecture interviewing faculty and taking footage of students in action in the design studios and Endeavor labs. The result will be a six minute video highlighting the Architecture program, in addition to a one minute promo video. The longer video will air on PBS in the Spring as part of the Viewpoints series, hopefully with an introduction by Dennis Quaid. The school will retain the right to use and show the videos in our own marketing efforts. Stay tuned - we will certainly release them on our social media channels soon!

The School of Architecture hosted four Guest Lecture Series events with distinguished speakers this Fall. Three were in person and one virtual, but all were available for anyone to join remotely through Zoom... a silver lining that we have learned from the COVID era!

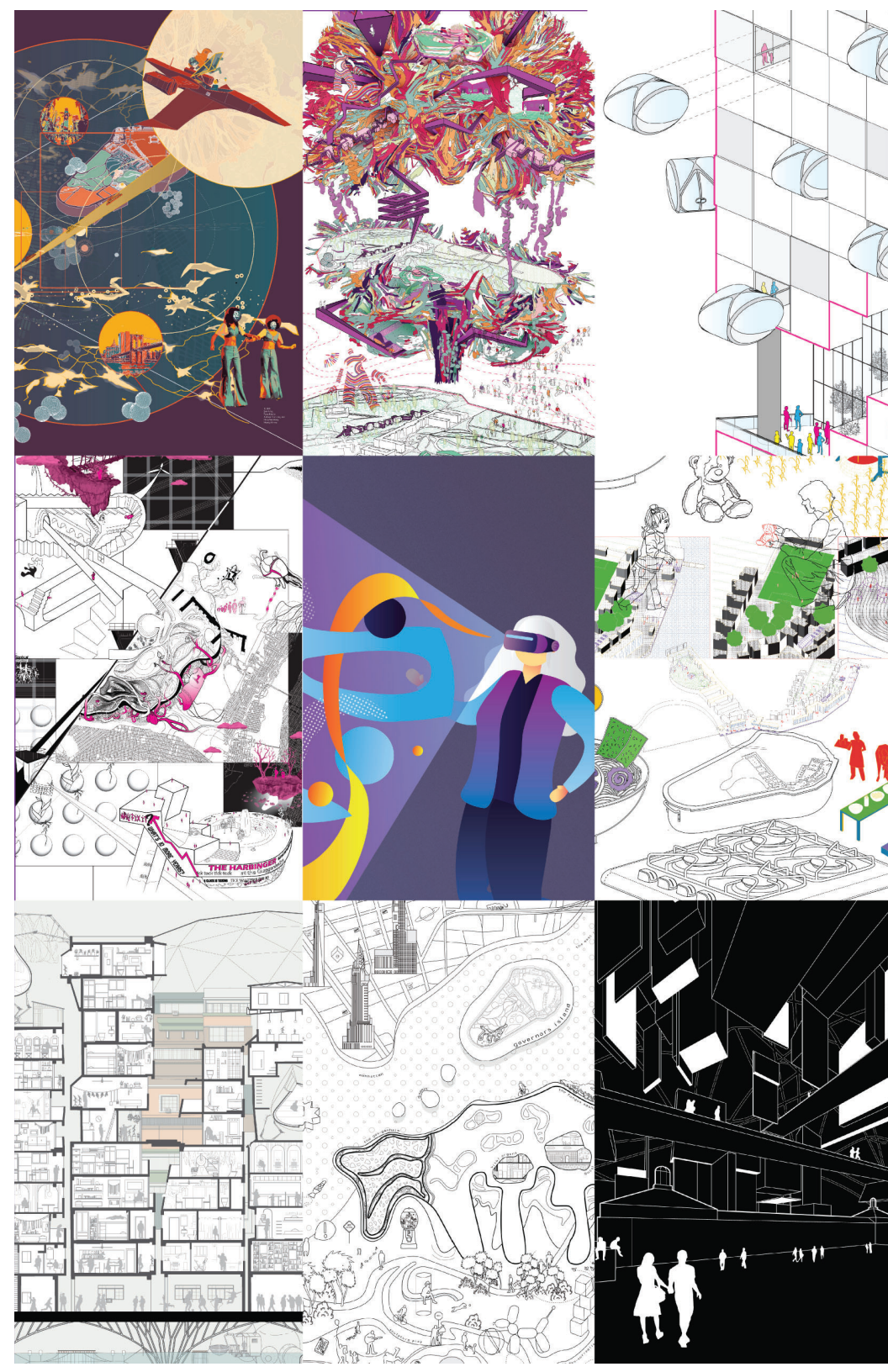
The Fall series included: Seattle Structural Engineer Jon Magnusson of Magnusson Klemencic Associates; architect, materials researcher, author, and educator Professor Blaine Brownell, FAIA of the University of North Carolina, Terri Canada

of Evoke Studio in Durham, NC, and alumni Neal Jones and Eddie Jones of Jones Studio, Phoenix, AZ. Watch our social media channels for Zoom links to this coming spring's events!

The annual AIAS Career Fair is scheduled for Tuesday, February 15th. If your firm would like to join us and recruit outstanding interns and graduates, go to <http://hireOSUgrads.com> or architecture@okstate.edu to learn more. Thank you for hiring our grads and interns!

In the Fall 2021 semester there was a sponsored design competition in every studio, second year through fifth year. We thank ACME Brick for helping us recognize outstanding work in the second year studio, W&W AFCO Steel for sponsoring the competition in third year studio, and US Stone for working with the fourth year studio! The fifth year Urban Studio has the Baumiller Prize, and endowed fund that honors Professor George Baumiller and recognizes outstanding work in urban design. These design competition sponsorships help us promote the competitive spirit. A big THANK YOU to our sponsors!

◀ Associate Professor Nathan Richardson was interviewed for the PBS video "Viewpoints"





POWERS OF TEN

Jared Macken Assistant Professor of Architecture

Nathan Richardson Associate Professor of Architecture

Seung Ra Associate Professor of Architecture

This semester the urban studio explored architecture and the city through a series of representational medias: the formation and negotiation of collaborative teams; an urban island game; and a Masterplan for Governors Island in New York City. The work culminated in an exhibition that synthesized the knowledge learned from these projects and the one-week field study in New York City. Student teams presented their work in two distinct formats: a super drawing representing their proposals of place at various scales, and a physical interactive exhibition. The exhibition transformed the gallery space into an experiential drawing that can be walked into, meandered around, and engaged through digital and physical media.

Students considered and developed their projects through the lens of Charles and Ray Eames' film *'Powers of Ten'*. In doing so, teams expressed their work at many scales over time and distance. This allowed for a highly creative expression of place, from the current and immediate physical environment to a very distant, hypothetical—even ethereal—experience. In brief and for example, students created drawings at the scale of a bit, clam, brain, body, vehicle, building, island, planet, and universe. The emphasis on a wide range of scales challenged students to explore the consequences of their urban designs in the place of the mind, relationships, culture, climate, and centuries of time.

The studio's annual George W. Baumiller Prize recognized outstanding work in urban design, as evaluated by a panel of jurors. Two teams were awarded prizes this year: Re(dot)Act and Plus One. The class results, a snapshot of which are pictured here, demonstrate remarkable success for which the entire studio and School of Architecture can celebrate.

Team Names, with representative images pictured left (L-R):

Top - Funkyard; Re(Dot)Act; Five Guys;

Middle - AA; Real Housewives; T4K;

Bottom - Plus One; Kindergarten; Helix.

◀ The interactive exhibit of Super Drawings opened on December 3, and will remain on display in the Gallery of the Donald W Reynolds Architecture Building through the first half of January.

HALL OF FAME

This Fall one School of Architecture alumna was inducted into the CEAT Hall of Fame: Carrie Johnson, Bachelor and Master of Architectural Engineering graduate of 1987 and 1988. Carrie has worked with Wallace Engineering (now Wallace Design Collective) in Tulsa since her graduation, rising from the position of intern to Principal and Chairman of the Board. Carrie's professional work has focused on the retail industry, but her contributions to practice have gone beyond any simple set of completed projects. For Carrie, finding a better way to do business has led her to develop proprietary software programs to automate repetitive structural engineering tasks. Carrie also led the company's efforts to create the best experience possible for the clients and employees, named "One Wallace". She is a licensed engineer in 43 states.

For the profession, Carrie Johnson has served as President of the National Council of Structural Engineers Associations, where she was also awarded the NCSEA Service Award. Carrie is an active member in the Oklahoma Structural Engineers Association, where she also twice served as President. Currently, Carrie serves as Chair of the Strategic Planning committee of the non-profit Applied Technology Council whose mission is to develop engineering resources for use in mitigating the effects of natural hazards to the built environment. ATC's publications on disaster recovery and assessment are used throughout the world. We are proud to recognize Carrie Johnson's engineering skill, business acumen, and professional service with this prestigious CEAT honor.

Over the years the School has inducted several alumni into the CEAT Hall of Fame, recognizing their outstanding contributions to the profession of architecture:

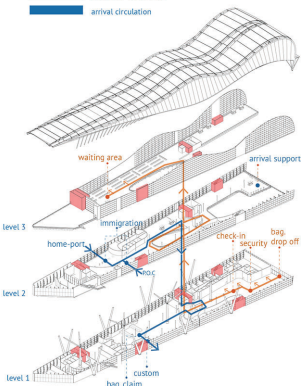
2019 James Hasenbeck, 2015 Jack Corgan, 2014 David Timberlake, 2013 Robert Schaefer, 2010 Juan Carlos Calderon, 2009 Charles Kridler and Joe Mitchell, 2007 Rand Elliott and Mike Damore, 2005 James Brooks Cummins, 2004 Neal Jones and Eddie Jones, 2002 Frank Chitwood, 2000 Tom Wallace and Jim Bruza, 1997 Don Wickens, 1992 Robert Lawrence, 1983 Bill Lacy, 1979 Eason Leonard, 1971 Ralph Ball, and 1964 William Wayne Caudill.

▶ The Hall of Fame Banquet, Fall 2021, held in CEAT's "DISCOVERY" building;
Inset: Carrie Johnson with Dean Paul Tikalsky

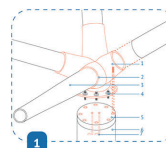
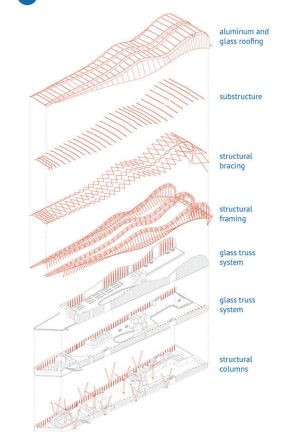


1 structure diagram

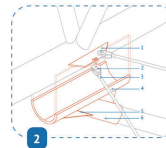
- emergency exit
- departure circulation
- arrival circulation



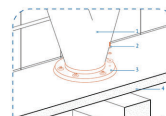
2 circulation diagram



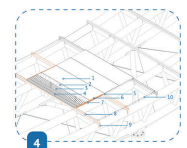
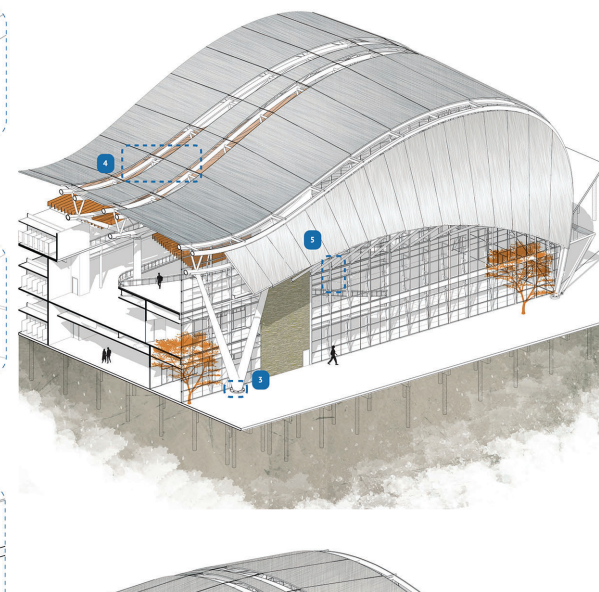
1. cast steel node
2. field welded joint
3. rolled steel tube
4. anchor bolts
5. steel base plate
6. concrete column
7. anchor



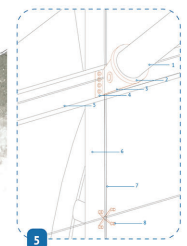
1. gusset plate
2. clevis
3. bracing rod
4. cast steel connection
5. welded gusset plate
6. cast steel node



1. rolled steel tube
2. welded steel plate
3. hinge connection
4. bolted fixed end plate
5. W girder
6. glass truss facade
7. neoprene



1. aluminum rolled steel roofing
2. vapor barrier
3. rigid insulation
4. structural metal decking
5. glass clip
6. aluminum channel cap for aluminum roofing panel
7. neoprene between aluminum and glass panel
8. beam sub-structure
9. welded steel plate
10. 3/4" glass panel



1. rolled steel tube
2. welded steel plate
3. hinge connection
4. bolted fixed end plate
5. W girder
6. glass truss facade
7. neoprene

COLLABORATION

Paolo Sanza Associate Professor of Architecture

Awilda Rodriguez-Carrion Associate Professor of Architecture

Bo Zhang Associate Professor of Landscape Architecture

The first portion of the Fall fourth year design studio involved eight multidisciplinary teams composed of architecture and landscape architecture students engaged in the development of a complex, multifaceted, and multiscaled Masterplan for a site adjacent to the historical center of Viejo (Old) San Juan, Puerto Rico. The collaboration between the OSU School of Architecture and the OSU School of Landscape Architecture, which typically extends approximately four weeks, joins fourth-year architecture students and faculty and fifth-year landscape architecture students and faculty in a single studio space in the Architecture Building. The objective is to create a platform for simulating in academia the patterns found in the design industry, to nurture pedagogical alternatives, and to provide for a multidisciplinary design experience for our students.

The joint studio has successfully contributed to materializing a concept that in the mind of students is often abstract - the concept of collaboration. Navigating different design processes, work ethics, strengths, and personalities, students soon come to realize that a thriving collaborative environment relies on open and frank communications, on forgo egocentrism in favor of shared visions, and on the establishment of an environment that fosters research, explorations, and ideas, but that capitalizes on individual interest. Most often these lessons are more difficult to address than the design problem at hand!

Despite the challenges and the path to adaption, throughout the years of this joint studio the student proposals have been recognized and awarded at different American Society of Landscape Architecture events. This year was no different. Judged by the Rhode Island chapter of the ASLA, four of the eight teams received a Merit Award at the 2021 Oklahoma Chapter ASLA Awards Program in the student design (unbuilt) category. The Merit Award recognizes superior accomplishment. Congratulations to the Architecture and Landscape Architecture students and faculty!

► Team 5's proposal received a 2021 ASLA Oklahoma Merit Award

PRACTICE AND PLACE

The Art of Enterprise: Entrepreneurship in Design

by Nathan Richardson, Routledge, 2022

Upon his arrival to teach at OSU twelve years ago, Associate Professor Richardson conceived and developed two new courses for the School of Architecture, one in real estate development and the other in entrepreneurship and architecture. Over the years, he has taught many students about the interwoven issues and opportunities involved in the practice of entrepreneurship, real estate, and design. Nathan's early efforts allowed him to develop relationships with faculty of the Spears School of Business, where he was appointed a Riata Fellow in 2014. His courses were the inspiration for the new Minor in Entrepreneurship and Architecture with the School of Architecture, among other projects he completed as a Riata Faculty Fellow. Much of this teaching and research informed this new book. The book explores the form and nature of entrepreneurship in a range of creative disciplines.

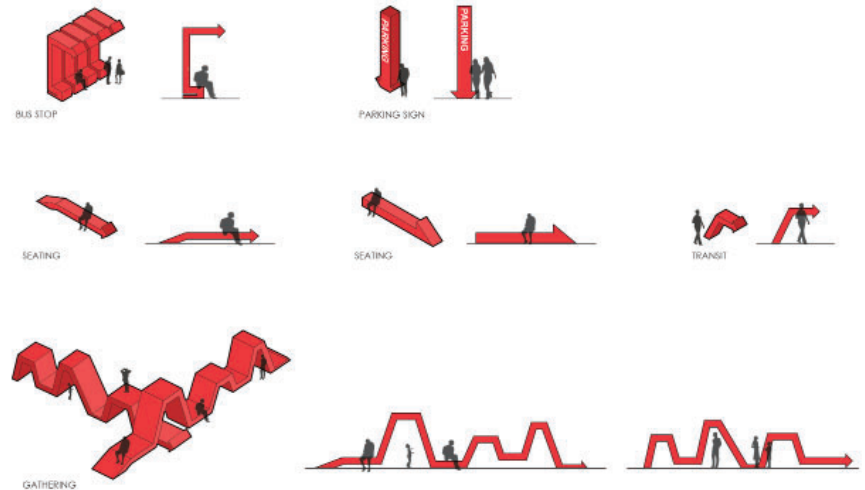
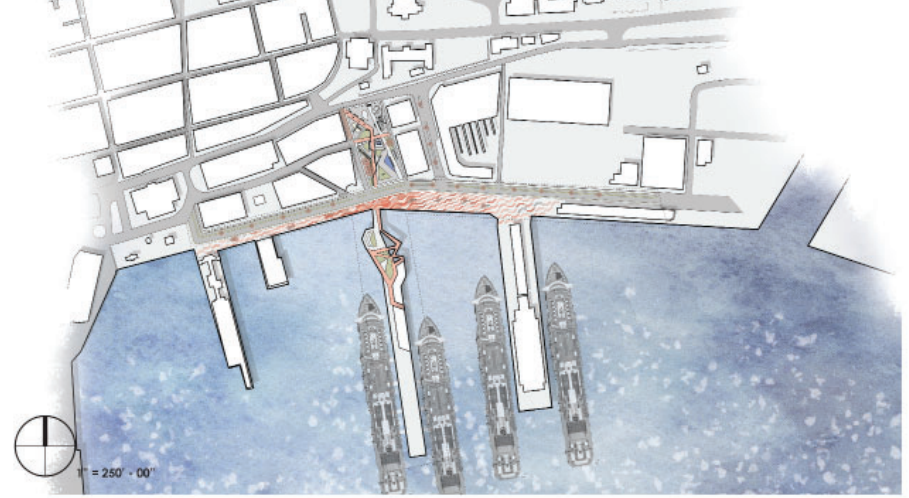
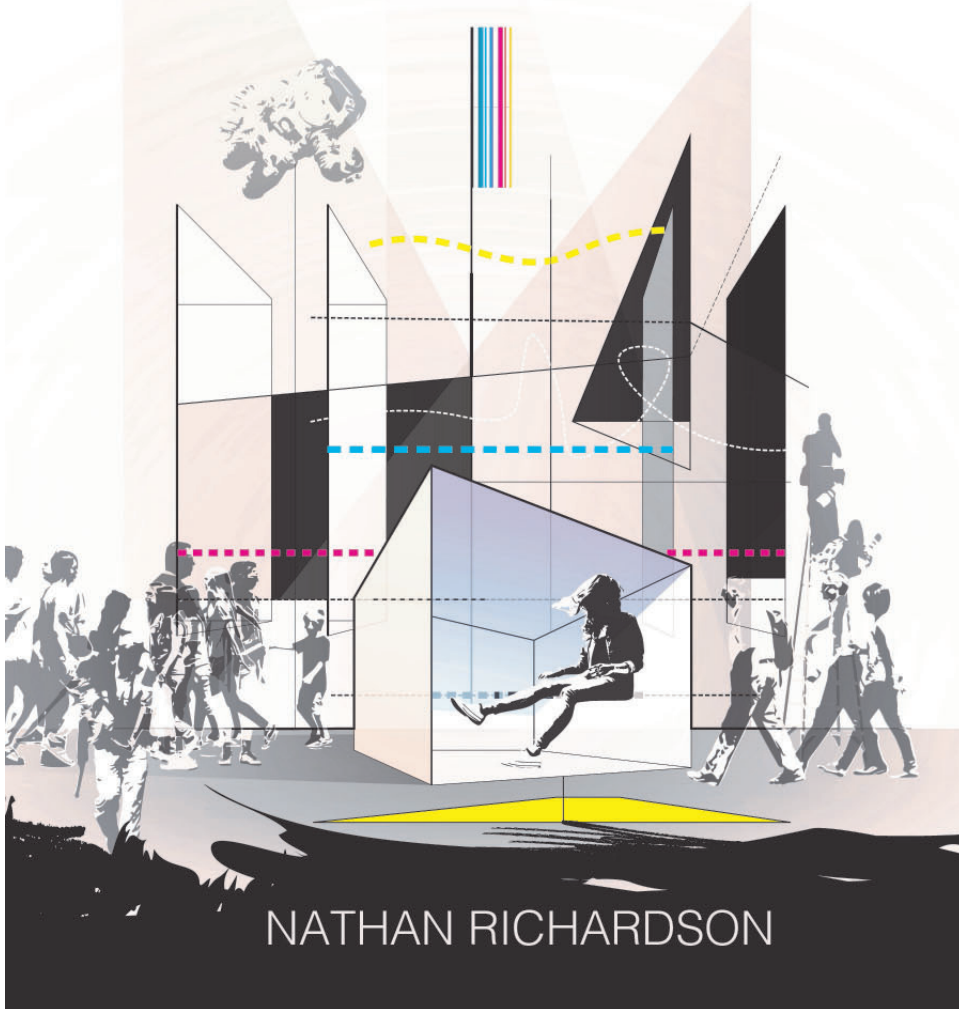
As the nature of entrepreneurship unfolds throughout the book, it is reinforced as a collaborative, cultural, and social endeavor. The elements and stages of entrepreneurship are structured in ways that significantly relate to place and experience. The book is composed of four thematic sections: the Alpha Room, Beta Portal, Gamma Field, and Delta State. Within each section, the chapters address such topics as experience, mindset, activity, collaboration, and value. In that sense, *The Art of Enterprise* is framed by the way in which one experiences, thinks about, works, collaborates, and creates value in the mind, studio, prototype, and marketplace.

The book also contains an open-ended set of activities, examples, and illustrations to help academic and professional designers more fully explore their creative enterprise. Further, it includes a curated selection of contemporary practices engaged in entrepreneurship around the world, and interviews from leading entrepreneurs and design professionals capturing advice and inspiration. The book can be found at most book retailers online; find it and enjoy. Like any creative endeavor, Professor Richardson has many people to thank for the book's existence: students, teaching and research assistants, colleagues, fellow faculty, family, and friends.

◀ Book jacket for Nathan Richardson's book; it is now available from Routledge

THE ART OF ENTERPRISE

ENTREPRENEURSHIP IN DESIGN



CONTINUITY

Jerry Stivers Associate Professor of Architecture
Jeanne Homer Associate Professor of Architecture
Keith Peiffer Assistant Professor of Architecture

Oklahoma's stolen state capital, prairie gothic architecture, bluegrass music, ghosts, a hip new coffee house, a spirits distillery and an expanding regional airport all contributed to third year architecture students spending the fall semester working on three different projects in Guthrie, Oklahoma. These projects were for a visitor information center, a mixed-use microbrewery / housing project, and a new FBO aircraft terminal and hangar.

Originally considered as a way to teach predesign in the academic setting as well as a way to accommodate limited travel during COVID, the intentional choice to locate all three projects in one location provided students a longer time frame to research the culture, context and project types within a single community. In semesters past, our varied methods for teaching predesign have always been limited and challenged by several factors, primarily the lack of time in the semester to devote to learning about a new place, the challenges of group research, and the students lack of the professional work experience needed for effective predesign and programming deliverables. By splitting the predesign research into three primary parts focused on the "who", the "where", and the "what" of a project and then applied to our three projects, students were able to focus more intentional research towards a specific place.

During the visitor information center project, students were asked to research the "who" of Guthrie. Working with the tourism department, a group of over a dozen citizens was assembled for a user workshop to discuss and define the diversity within the community and the potential users of the facility. Each student developed a written user story for the constituents of the visitor's center. During the workshop interviews, students were able to ask questions to get to know the citizens and what they value in a facility that is meant to introduce the City of Guthrie to those that are visiting their community. Gaining these perspectives early in the semester, students were able to carry through and apply this knowledge to the final two projects.

For the second project of the semester, students researched the "where" of the site, for a mixed-use microbrewery / housing project

► Third year students explore downtown Guthrie, visibly pledging to "stay local"



OF THE EYE AND MIND

Regents Professor Moh'd Bilbeisi debuted his drawings and paintings at the OSU Museum of Art in downtown Stillwater this Fall. This exhibition was curated by the museum under the title "Moh'd Bilbeisi: Vision and Visionary." Thematically speaking, it was a dialogue between the graphic work that Moh'd has done on-site with his artistic interpretations of real places and works of architecture (places known), and the work that he envisions in his fertile mind (places imagined). The display of drawings and paintings were embellished with the inclusion of three cabinet displays of the drawing and painting tools he uses, and various artifacts he has collected during his travels - travels always carried out with architecture students. Videos of Moh drawing and painting with watercolor were also included in the exhibit, to demonstrate his mastery of line, shape, and color.

The exhibition was open to the public for more than a month, and was attended by record numbers. Professor Moh'd was also engaged to carry out a painting workshop for the museum as part of their outreach efforts. The exhibition catalog, featuring over 100 full color images of his work was edited by Professor Suzanne Bilbeisi and included an essay by AIA Gold Medalist Antoine Predock, FAIA. If you would like to purchase a copy of the book, contact Moh!

- ▶ Professor Moh'd Bilbeisi's exhibit at the OSU Museum of Art this Fall;
- ▼ A vitrine display of journals, drawings, tools, and artifacts



strategically located in the historic core of the downtown. This project presented both challenges and opportunities for the young designers as it required them to consider the question of how to design something contemporary within a historically significant context. The goal of this project was to create a mixed-use platform for both citizens and guests of Guthrie to live, work, and play through sharing a drink or meal, watching musical performances, or most importantly by enriching Guthrie's already deep history within the roots of an important artistic community.

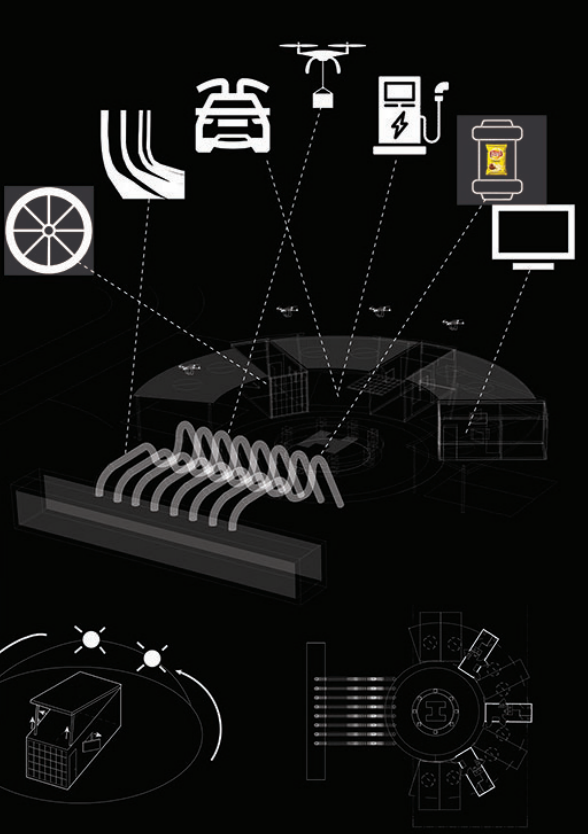
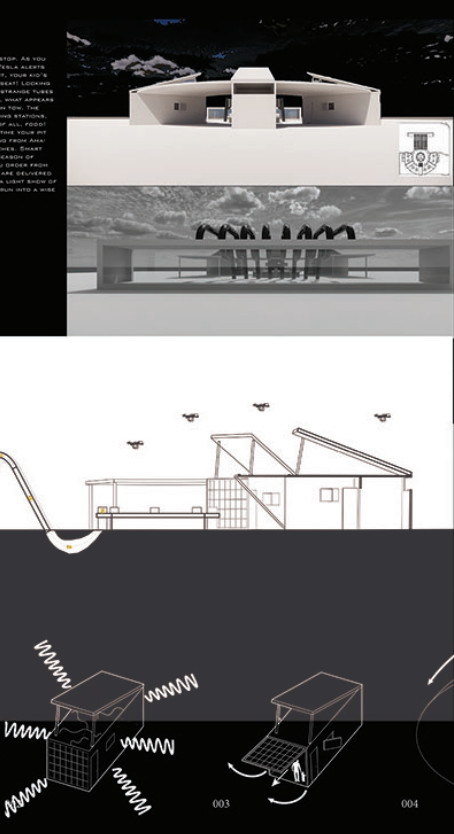
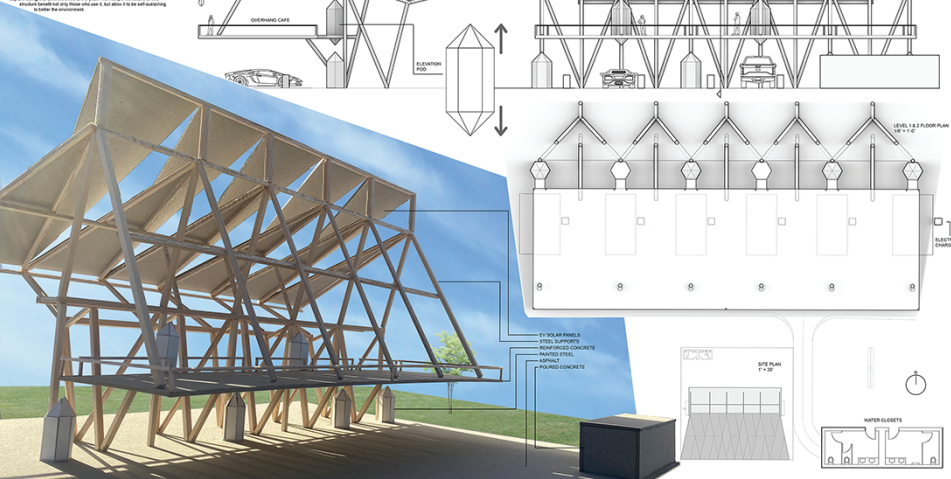
The final project, a new FBO terminal and hangar, challenged the students to research the "what" of a project by developing a detailed space program for the facility. A potential list of spaces for the facility was provided, however the students were required to further define their sizes and functional relationships. Armed with cameras, tape measures, and journals, students visited the existing airport facilities and interacted with the airport director and maintenance staff to gain further understanding.

This continuity of context with a diverse set of project types allowed for a semester-long predesign conversation, as well as many opportunities for relevant discussions concerning the architectural question of "new within the old" or perhaps depending upon your perspective, "old within the new."



Established Elevation

There are many ways to make a particular structure stand out in its landscape. In this case, the architect has chosen to use a series of steel trusses to support an overhanging roof that extends over the entrance. The trusses are supported by a series of steel columns that are spaced evenly along the length of the building. The trusses are supported by a series of steel columns that are spaced evenly along the length of the building. The trusses are supported by a series of steel columns that are spaced evenly along the length of the building.



Please give! Join your fellow alumni in becoming a Friend of the School of Architecture and show your support of our students and programs this academic year. Thank you!

FALL 2021 FRIENDS

In gifts for this academic year (since July 1, 2021), the following loyal and true alumni have provided their support for the School of Architecture, joining the Friends of the School of Architecture.

DORIC LEVEL, \$1000+

ACME Brick
AIA Oklahoma
Moh and Suzanne Bilbeisi
Gene and Kari Brown
Jack and Carol Corgan
Mike and Sharon Damore
Brian and Titi Fitzsimmons
Steve and Jane Ford
Jim and Belinda Hasenbeck
Hornbeek Blatt Legacy Fund
Duane and Robin Mass
John and Trish Meek
Julie and Ryan Roberts
Bill Seider and Mandy Miller
Bill and Mindy Silk
US Stone Industries
W&W AFCO Steel
Tom and Susie Wallace
Keith and Katherine Yancey

IONIC LEVEL, \$5000+

Jerry and Renee Conduff
Ken and Katherine Corbin
FSB
Virginia and Jim Hart

CORINTHIAN LEVEL, \$25,000+

Larry and Linda Kester
Randy and Valda Kreie
Bill and Patti Lundeen
Neal Willison



INTERSECTIONS

Jay Yowell Assistant Professor of Architecture

Sarah Ra Assistant Professor of Architecture

Adam Lanman Adjunct Assistant Professor

Mohd Bilbeisi Regents Professor of Architecture

Architecture and transportation have been linked since the earliest civilizations moved themselves and goods from place to place. Naturally, whether due to needs of the transportation means or because of human fatigue, places to stop along the travel routes were required. These moments of pause created places for the exchange of ideas and goods. In the US, increased access to the purchase of automobiles and the development of our national highway system created the rise of the "road trip", and the designers of these necessary outposts and places of rest responded with innovative, often regionally-themed, even quirky structures. Often these structures established an identity for a place, while simultaneously creating a brief sense of community for travelers.

In the early days of the Model T car, there were only a few places available to fuel them. The erection of filling stations could not keep up with the rate of gas-powered car manufacturing. Similarly today, availability of electric charging stations are not keeping up with the demand required by the volume of electric vehicle (EV) production. From 2011 to 2021, in the US there are 137 times more electric cars on the road but only 32 times more stations. A need exists!

This information formed the backdrop for a unique second year studio project - to design an EV charging station that could also become a hub for community. One of the project goals for the students was to understand how architecture can create a sense of community for even a short time - essentially it is a place to congregate while vehicles are charging. The project required a canopy for 6 EV charging stations at the intersection of Highway 51, and I-35. Each student was also required to propose an accessory program use, to support the patrons as they wait for their vehicles to charge. The inventive student projects included such uses as a food truck plaza, a café, an indoor/outdoor gym, a playground, a hair salon, a laundromat, a dog park, a pop-up retail, and remote office workstations for their secondary community space - creating links between transportation, architecture, and community.

ALUMNI 'FRIENDS'

This past summer, when we were all feeling the oppression of COVID lifting a bit, we hosted two large alumni gatherings in Oklahoma - at OSU Tulsa, and at the CEAT Discovery (Baker Hughes) building in Oklahoma City. Over SIXTY alumni attended EACH event! Professor Suzanne Bilbeisi shared news of the school's workings over the past year, addressing the common question "just how did you teach architecture during this pandemic?" while also sharing news of student design competition success, faculty awards, etc.

At the gatherings, Professor Bilbeisi also rolled out our new fundraising campaign named "Friends of the School of Architecture." Simply stated, it is a way for alumni to annually share their appreciation for the education received at the OSU School of Architecture, and help pave the way for the next generation of young professionals. A gift of \$1000 or more benefits student programs and allows us to enhance the daily operations of the school. A gift of \$5000 or more can support two student scholarships for an academic year. These are all very important gifts.

A gift of greater than \$25,000 can create a new endowment to assist the School and our students as directed by the donor. We are grateful to note two new funded endowments this Fall, both honoring individuals. Bill Lundeen (B Arch '72) and his wife Patti (BS Accounting '70) wanted to honor Professor Alan Brunken with a scholarship for entering third year Architecture majors. Bill notes, "A continuing legacy of OSU architecture is the excellence of new graduates developed by professors like Brunken. As an alumnus, I wanted to give back in a way that contributes to that legacy while giving tribute to one of the most impactful professors in my OSU experience." The second new endowment was created by Dr. Neal Willison, a member of the OSU OKC faculty for 40 years, in memory of his brother. Neal recalls that his brother struggled in his first two years and then left to serve in the Air Force; he pledged not to let the family down if he was allowed to come back to Architecture after his service. James Kencil Willison graduated with a Master of Architecture in 1974 but died tragically two years later, a victim of Hodgkin's disease. Neal's vision to honor him was to create a "Helping Hands" memorial fund, to reduce the pressure of an unexpected hardship for students. These are just two of the many stories of giving at the School of Architecture - THANK YOU!

◀ The August 2021 alumni gathering in Tulsa at the OSU Helmerich Center

FUN FACTS ABOUT THE CUNNINGHAM ARCHITECTURE LIBRARY:

- Named for John Rex Cunningham, Professor of Architecture;
- A collection of 11,398 books, plus 7,164 eBooks;
- Access available to 336 streaming videos and 239 DVDs;
- Subscriptions to 35 periodicals for the discipline of Architecture;
- Resources available in 14 languages;
- A full time Librarian and eight student assistants;
- Afternoons and Thursdays are the busiest times for this library!

OUR 3RD PLACE

Sara Mautino Visiting Assistant Professor of Library Science

Hello! Please allow me to introduce myself. I'm Sara Mautino the new Architecture Librarian serving the fantastic School of Architecture community. I started in the position this September, and today I'm writing to you from the unfamiliar quiet of my office in the ARCH Library. One would think an environment of stillness and silence is the norm for an academic library, but in the case of the Cunningham Architecture Library, the absence of murmured conversations and lack of spirited laughs is an anomaly. Now that the Fall semester has wrapped up and all the students have gone home to rest and recharge, I have time to reflect on the mission of the ARCH Library. In addition to providing routine library services such as reference help, citation support, printing & scanning needs, and of course book circulation, we serve as a 3rd Place for our students. Those hushed conversations and quiet chuckles illustrate the use of our library as a space for community.

There are few places where one can spend an extended amount of time without the expectation of spending money. Here at the ARCH Library, the architecture students have access to a comfortable space that's neither their home nor their studio desk. The library is their 3rd Place. We know that the rigorous curricula of the B Arch and B ArcE programs demand a huge time commitment from our students. That means many hours inside our building. When our students need some time away from their desks or find unscheduled time between classes they have the luxury of a space designed just for their needs in the ARCH Library. In addition to the comfortable flexible spaces for studying or relaxing, we have a Reading Room available for quiet work. We also provide access to a myriad of resources both analog and technological such as our VR Room, our interactive smartboard, professional video conferencing equipment, and copies of each course's required textbook and recommended readings. In the Spring we will also begin loaning laptops with the software our students need. Simply put, the focus of our library is on the patrons - our SoA students. Our primary goal is to ensure our students have all the resources they need to be successful - and that could be anything from printer paper (free!) and snacks (free!) to a space to gather with friends and classmates - all of which are found in their 3rd Place, the Cunningham Architecture Library.

Alumnus Bill Silk (B Arch '70) recently shared why he and his wife Mindy give to the School of Architecture: "To us, it means paying forward into a profession, and into people, that can create positive outcomes and become positive influencers in this turbulent world."

◀ Professor Mautino exchanges information with a second year student.



A REFRESH

The Jack and Carol Corgan Auditorium is one of the most used spaces within our building. Alumni from the past twelve years have learned architectural history, structures, and architectural science (EC) in this room. This past summer, alumnus Rand Elliott, FAIA was engaged to consider the space. Fresh paint, new lighting, and... voila! Rand's concept centered on lifting the ceiling with white paint and indirect light, and adding unique pendants inspired by an electronic stylus. White battens form a unifying band of lines, visuallywww elongating the space vertically. The room is