Students enrolled in the summer Advanced Community Design Studio, taught by Paul Russell, present their final projects.
FALL 2019: THIS IS US.

The popular NBC show “This Is Us” has a family across the decades. This newsletter is an opportunity to bring you the stories of our students, faculty, staff, alumni and friends. Though we compile it, we know some of our most significant happenings, successes and the stories of the culture — this family.

With each issue, it becomes more challenging to tell our full story. After all, this is an extremely busy year for these programs. Everyone has a family. And every family has a story.

With each issue, it becomes more challenging to tell our full story. After all, this is an extremely busy year for these programs. Everyone has a family. And every family has a story.

FALL 2019: THIS IS US.

The popular NBC show “This Is Us” has a family across the decades. This newsletter is an opportunity to bring you the stories of our students, faculty, staff, alumni and friends. Though we compile it, we know some of our most significant happenings, successes and the stories of the culture — this family.

With each issue, it becomes more challenging to tell our full story. After all, this is an extremely busy year for these programs. Everyone has a family. And every family has a story.

With each issue, it becomes more challenging to tell our full story. After all, this is an extremely busy year for these programs. Everyone has a family. And every family has a story.
THE SCHOOL WELCOMES THE FOLLOWING NEW FACULTY IN THE 2019-20 ACADEMIC YEAR.

SIMPLE PATENT
A design investigation that started with a Creative Inquiry class, followed by a student’s final year studio experience, the 2015 Solar Decathlon, has resulted in a newly patented system for renewable and sustainable shelter, and Humanitarian first patent. Simple, it was conceived by a student from Clemson through a yearlong collaboration between architecture professors and students. Together, they developed a technology that utilizes a home课文是被用来建立的一个系统，将这些平面片层在计算机上图形化并堆叠在一起到一起形成一个自立的结构。

The Simplex building technique detailed in 2015 at the U.S. Department of Energy’s Solar Decathlon. With this technology, the panelized system is cut by CNC routers into flat panels and stacked pieces that fit together to form a solid, light-frame structure.

LARA BROWNING
Lara brings a wealth of experience to the faculty as a lecturer. Lara brings her knowledge and leadership experience to her new position, having previously taught at the University of Illinois at Urbana-Champaign. Prior to that, she was a project associate at the Center for Neighborhood Design, an interdisciplinary design that promotes healthy living in communities throughout Virginia, Kentucky, Tennessee, and North Carolina. She also has experience in community engagement and revitalization design that promotes healthy living in communities with limited resources. Lara is well versed in community design, community design, and other design-related community design and other design-related community design.

FRANCES EDMUNDS

AMANDA AND GREGOIRE AWARD

In 2013, to honor her contributions to the built environment, the Frances Edmunds Award was established to celebrate her significant contributions to the field of architectural education. The award is presented annually to an individual who has made outstanding contributions to architectural education.

HONORS

Kara Seidler was named an American Institute of Architects (AIA) Fellow in 2019. She was also recently named as a faculty leader in the School of Architecture and Urban Design at Clemson. This recently patented system of building design has been released by the American Housing Society, a nonprofit that is searching for affordable and sustainable building solutions. Among other functions, Simplex is designed to produce energy and perform as sustainable buildings, and it can be used as a solar collector, which affords unparalleled speed and accuracy.

The completed structure will provide a platform for future studies and testing and by colleagues.

CU-IMSE

The Clemson University Graduate School for Intelligent Manufacturing, Systems and Engineering was established in 2019. CU-IMSE promotes digital and human-robotic systems research and applications of informatics to large-scale urban life with its forgotten past and changing environmental conditions. Seven projects, and the glass ceiling model by Alex Sanchez-Martinez, Cody Beineke, Joseph H. Whilt, Katherine B. Massa, Keesen Mcgraw, Kenyon C. Ten, Nicholas P. Davos, Taneja Johannes and Victor P. Markotek during their design session, were as enjoyable.

The exhibit also featured "Euro Casey Glass Wall," designed by Chad M. Robinson on the Glass of a Modern Material. The exhibit was on view at the 2019 100th annual section of the Society for American Anthropology, held at Clemson. The exhibit was created by Markus B. Blackwell, Arthur L. Souther, Madison H. Pols, Markon M. W. Victor P. Markotek and Kenneth R. Beaulieu, all of whom contributed to the successful installation. The "Euro Casey Glass Wall" was a collaboration that allowed fiberglass to be used in a variety of ways, including as a building material. The exhibit was featured at the 2019 annual meeting of the Society for American Anthropology in San Diego.

One would think folded “folded” are actually "folded" within the field of architecture. However, "folded" is actually a term that allows fibers to be arranged in a variety of ways, including as a building material. The exhibit was featured at the 2019 annual meeting of the Society for Applied Anthropology in San Diego.

New Research

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.

NEW RESEARCH

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.

NEW RESEARCH

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.

NEW RESEARCH

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.

NEW RESEARCH

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.

NEW RESEARCH

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.

NEW RESEARCH

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.

NEW RESEARCH

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.

NEW RESEARCH

New research has been conducted with continued support from the National Science Foundation. This research is focused on the fabrication of 3D-printed housing and advanced building materials. The new research also involves the development of new building materials and processes for the construction of sustainable and affordable housing. This research is supported by a grant from the National Science Foundation and the U.S. Department of Housing and Urban Development.
The Landscape Architecture program at Clemson University is accredited by the Landscape Architecture Accreditation Board (LAAB). The program prepares students to become licensed landscape architects and professionals in the field. Students learn design and planning strategies for a variety of project types including urban, parks, and open-space systems, urban design tools and waterways, and tourism. The program is distinguished by its comprehensive curriculum that integrates the arts and sciences, as well as by its strong emphasis on hands-on experience and community engagement.

**NEW Website Student Work**

The Landscape Architecture program at Clemson University has a new website featuring student work. The website showcases the diverse work of students and includes information about the program's mission, faculty, and events.

**NEW RANKING: Clemson Landscape Architecture**

Clemson University's Landscape Architecture program has been ranked among the top programs in the nation by several publications. This year, it was ranked 10th by DesignIntelligence.

**LAAB NEWS**

The Landscape Architecture program has received full six-year terms of reaccreditation as a result of a LAAB visit held in November 2017. Among the program's strengths, the team's comments indicated that students are well prepared for professional practice.

The Landscape Architecture program was established in 1992 and has a strong emphasis on the arts and sciences, as well as on community engagement. The program is distinguished by its comprehensive curriculum that integrates the arts and sciences, as well as by its strong emphasis on hands-on experience and community engagement.

**MLA NEWS**

The Master of Landscape Architecture program focuses on the external strengths of the department—urban and community design (urban design, adaptive reuse, landscape restoration, and health and design). The MLA interdisciplinary studio, LARC 8430 Fall 2018, explored the second generation of public space along Greenville’s Swamp Rabbit Trail. The primary recreational area and greenway that connects downtown Greenville to Falls Park on the Reedy River.

**OVER-WATER-OVER-LAND**

**Clemson Launches World Design Studio with Universities in Egypt and China**

Clemson University, Ain Shams University of Egypt and Hangzhou Agriculture University of China, hosted a symposium focusing on future trends in landscape architecture and urban design. Participants included students and designers from Cornell, Genoa, Italy; Barcelona, Spain; and the Knowlton School at Ohio State University, as well as our own Maria Counts.

**STUDENT ACHIEVEMENTS & AWARDS**

Student achievements and awards are celebrated in the program through competitions, exhibitions, and other events. Students have participated in real-world projects and have won awards for their design work. The program also hosts a variety of events and workshops, including the Clemson Alumni event hosted by LandDesign.

For more information, go to:

[www.clemson.edu](http://www.clemson.edu)
[mediarelations.clemson.edu](http://mediarelations.clemson.edu)
[worlddesignstudio.org](http://worlddesignstudio.org)
[landscapearchitecture.org](http://landscapearchitecture.org)
FIRST YEAR

Second-year undergraduate students within Joseph Choma's studio created ghosted isometric drawings. Representational abstraction provides an "intellectual yard sale" where one can see beyond that which is literally there and further develop their designs in new directions. They are nothing more or less than "drawings to think with," encouraging the viewer to see information, a reception, student awards and an exhibit. Its members also participated as guest critics throughout the semester.

ARCH 4990: COMPOSITE STRUCTURES intended as an opportunity for undergraduate students to engage in material-based design research, this course embraced the pedagogical approach — teaching through research, research through teaching. Taught by Joseph Choma and Wesam Al Asali, students learned about new low-tech computational methods, with the goal of developing innovative fabrication techniques that are accessible to everyone. This course focused on natural materials and traditional crafts, such as carving and weaving, as a means to invent new methods of construction.

SOPHOMORE STUDIO

Somewhere in Between Dream and Reality Second-year undergraduate students within Joseph Choma's studio created ghosted isometric drawings. Representational abstraction provides an "intellectual yard sale" where one can see beyond that which is literally there and further develop their designs in new directions. They are nothing more or less than "drawings to think with," encouraging the viewer to see information, a reception, student awards and an exhibit. Its members also participated as guest critics throughout the semester.

PROJECTS

Undergraduate Architecture

The key idea behind the Preprofessional curriculum in Architecture at Clemson is one of fluidity and flexibility: the idea of fluidity focuses on the general education requirements in which all students pursue a major, minor, certificate, or dual degree, as language and idea is reinforced with the school's fluid campus and the upper-level year devoted to the wide array of choices afforded to students, both in topics and locations. By designing their experiences within the School of Architecture, students have the opportunity to pursue their interests, both within the campus and beyond.

The Full List of Spring 2019 Architecture Student Award Recipients.

2019 Undergraduate Award Winners

Second-year Faculty Awards

Rudolph E. Lee Award

- Morgan

South Carolina AIA Chapter Award

- William Herbst

Pete B. Lee and Kenneth J. Russ Design Award

- Lauren North

Alpha Rho Chi Medal

- Lori North

Undergraduate Design Prize (1st Place)

- Kenneth Braham, Ethan Harris, Victor Green, and Ryan North

Undergraduate Design Prize (2nd Place)

- Claire Dena, William Marcell, Caleb Wells, Sarah Nel, and Harrison Novak

Undergraduate Design Prize (3rd Place)

- Adam Georghiou, Lisa Heiseler, Joseph Pasko, George Santora and Brendan Sennett

Undergraduate Design Prize (Faculty Award)

- Brian Haas, Geoffrey Powell and Nathaniel Swett

Clemson Architecture Foundation Prize

- Beth E. Baskin

Phi Beta Kappa Certificate of Merit for the School of Design and Building CAF

- Kyle Walker

Blue Key Academic and Leadership Award

- Scott Rannich

Third-year student work from the Spring 2019 semester. This image shows a collection of their projects.
ARCH 8410 – DESIGN STUDIO I

In their second semester of design studio, M.Arch I students in ARCH 8410 designed a culinary institute in Asheville, North Carolina. In addition to addressing a difficult urban site and a complex program, students divided into larger issues related to sustainability, energy efficiency, waste and local resources.

ARCH 8420 – DESIGN STUDIO II

In their second semester of design studio, M.Arch I students in ARCH 8420 designed a culinary institute in Asheville, North Carolina. In addition to addressing a difficult urban site and a complex program, students divided into larger issues related to sustainability, energy efficiency, waste and local resources.

ARCH 8400 – DESIGN STUDIO III

The 2021 AIA Design Jury selected four Clemson students for special recognition in this year’s AIA COTE Top Ten for Student Design Competitions. These final design samples by Hannah Schultz, M.Arch ’19, Solene Clavel and Amanda Kristoff, M.Arch ’19, and Kelsey Umutomi, ’20 illustrate the comprehensiveness of their proposal, especially the sustainable environmental strategies. This project was supported by CEDC, including clean water systems for advancing and disseminating the infrastructure solutions being pioneered by CEDC, including clean water systems, clean energy systems, net-positive waste treatment, among others. With close collaboration with community-focused initiatives, Clemson Architecture, College of Architecture, Arts and Humanities, Clemson University, in recognition of outstanding architectural design as demonstrated in a graduate project or thesis.

ARCH 8530 – DESIGN STUDIO IV

F

As heterogeneous group, the work of the students from the Integrated Project Delivery Certificate Program, led by John Jenkins, professor of architecture; and Daniel Harding, professor of architecture, in Aging in Place and diverse urban environments, has been selected as winners of the AIA COTE Top Ten for Students Design Competition. The competition recognizes 10 exceptional sustainable projects using a variety of design strategies such as daylighting, passive heating and cooling, materials, water, energy generation and sustainable systems. This year, the competition had nearly 500 entries from over 35 universities from across the country. Two of the top 10 winners were from Clemson, which was the only institution with more than one winner entry.

Clemson’s winning student teams included four Master of Architecture students. One team was formed by Philip Rauch and Carmen Fox, who presented the project titled "ACCLIMATE," located in Bremerton, Washington. The second team was formed by Cole Robinson and Matthew Torres, who advocated the project "TRANSITION, EMPOWER TUCSON," located in Tucson, Arizona. The Faculty Advisor for both teams was Ulrike Heine, associate professor and associate director of the School of Architecture; David France, associate professor of architecture; and Daniel Harding, professor of architecture and director of Graduate Studies in Architecture.

The "ACCLIMATE" proposal is about the power of taking urban spaces from care and giving it back to people. Located in downtown Tucson, Arizona, the project is to be an environmentally friendly parking garage. The core concept of the project is the strategic and intentional intervention in an existing structure to create something environmentally sustainable, beautiful and usable. About "ACCLIMATE," the jurors commented that "it establishes an urban identity strategy that successfully dealt with metropolitan density. The repurposing of this parking garage demonstrates the value of designing in the future."
The Center for Health Facilities Design and Testing (CHFDT) at Clemson University is in the fourth year of the Realizing Improved Patient Care through Human-Centered Design in the OR (RIPCHD.OR) project. The project is funded by the Agency for Healthcare Research and Quality.

The multidisciplinary team, led by Ajitkumar Joseph, Ph.D., director of the CHFDT, includes faculty and graduate students from several colleges, including Architecture + Health, Industrial Engineering and Operations Management, as well as board members from the Medical University of South Carolina (MUSC). In early 2019, the project team worked with clinicians from MUSC to evaluate the performance of the OR prototype to identify design and operational challenges. The team is working to identify how design features influence surgical processes and outcomes, as well as to improve patient safety in the OR. Elements of the research have been incorporated into MUSC’s two new Ambulatory Surgery Centers (ASC).

The new operating rooms were influenced by the RIPCHD.OR model. MUSC Children’s Health R. Keith Summerford Medical Pavilion opened to patients and families on April 1, 2019. MUSC’s Children’s Health Pavilion North Charleston opened to patients and families on April 2, 2019. Both facilities are influenced by the RIPCHD.OR model, which includes the elements of the OR prototype to identify design and operational challenges. The team is working to identify how design features influence surgical processes and outcomes, as well as to improve patient safety in the OR. Elements of the research have been incorporated into MUSC’s two new Ambulatory Surgery Centers (ASC).

The two-day intensive workshop will explore how different aspects of surgery center design impact patient safety, efficiency and patient experience and will provide actionable tools and approaches to support project teams in the design process. The workshop focuses on design features that may mitigate both OR and patient flow disruptions, as well as how surgical teams’ workflow and the OR’s layout can be designed to reduce distractions and improve the experience for both patients and clinicians. Participants will receive a comprehensive Studio project.

The M.Arch + Health 2019 class concluded the comprehensive Studio project at the end of the year party, along with over 100 guests.

The following is a list of the key elements of the RIPCHD.OR project:

- **OR Prototype:**
  - The OR prototype was designed to evaluate the performance of surgical processes and outcomes.
  - The prototype was based on MUSC’s experience and included elements from the RIPCHD.OR study.
  - The prototype was designed to improve patient safety and satisfaction.

- **Design Features:**
  - Design features were evaluated to improve patient safety and satisfaction.
  - Design features included in the prototype were evaluated to improve patient safety and satisfaction.

- **OR Design:**
  - OR design was evaluated to improve patient safety and satisfaction.
  - OR design was evaluated to improve patient safety and satisfaction.
  - OR design was evaluated to improve patient safety and satisfaction.

- **Patient Safety:**
  - Patient safety was evaluated to improve patient safety and satisfaction.
  - Patient safety was evaluated to improve patient safety and satisfaction.
  - Patient safety was evaluated to improve patient safety and satisfaction.

- **Patient Satisfaction:**
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.

The following is a list of the key elements of the RIPCHD.OR project:

- **OR Prototype:**
  - The OR prototype was designed to evaluate the performance of surgical processes and outcomes.
  - The prototype was based on MUSC’s experience and included elements from the RIPCHD.OR study.
  - The prototype was designed to improve patient safety and satisfaction.

- **Design Features:**
  - Design features were evaluated to improve patient safety and satisfaction.
  - Design features included in the prototype were evaluated to improve patient safety and satisfaction.

- **OR Design:**
  - OR design was evaluated to improve patient safety and satisfaction.
  - OR design was evaluated to improve patient safety and satisfaction.
  - OR design was evaluated to improve patient safety and satisfaction.

- **Patient Safety:**
  - Patient safety was evaluated to improve patient safety and satisfaction.
  - Patient safety was evaluated to improve patient safety and satisfaction.
  - Patient safety was evaluated to improve patient safety and satisfaction.

- **Patient Satisfaction:**
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.

The following is a list of the key elements of the RIPCHD.OR project:

- **OR Prototype:**
  - The OR prototype was designed to evaluate the performance of surgical processes and outcomes.
  - The prototype was based on MUSC’s experience and included elements from the RIPCHD.OR study.
  - The prototype was designed to improve patient safety and satisfaction.

- **Design Features:**
  - Design features were evaluated to improve patient safety and satisfaction.
  - Design features included in the prototype were evaluated to improve patient safety and satisfaction.

- **OR Design:**
  - OR design was evaluated to improve patient safety and satisfaction.
  - OR design was evaluated to improve patient safety and satisfaction.
  - OR design was evaluated to improve patient safety and satisfaction.

- **Patient Safety:**
  - Patient safety was evaluated to improve patient safety and satisfaction.
  - Patient safety was evaluated to improve patient safety and satisfaction.
  - Patient safety was evaluated to improve patient safety and satisfaction.

- **Patient Satisfaction:**
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.

The following is a list of the key elements of the RIPCHD.OR project:

- **OR Prototype:**
  - The OR prototype was designed to evaluate the performance of surgical processes and outcomes.
  - The prototype was based on MUSC’s experience and included elements from the RIPCHD.OR study.
  - The prototype was designed to improve patient safety and satisfaction.

- **Design Features:**
  - Design features were evaluated to improve patient safety and satisfaction.
  - Design features included in the prototype were evaluated to improve patient safety and satisfaction.

- **OR Design:**
  - OR design was evaluated to improve patient safety and satisfaction.
  - OR design was evaluated to improve patient safety and satisfaction.
  - OR design was evaluated to improve patient safety and satisfaction.

- **Patient Safety:**
  - Patient safety was evaluated to improve patient safety and satisfaction.
  - Patient safety was evaluated to improve patient safety and satisfaction.
  - Patient safety was evaluated to improve patient safety and satisfaction.

- **Patient Satisfaction:**
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
  - Patient satisfaction was evaluated to improve patient safety and satisfaction.
Clemson Fluid Studios has received a qualified bid no. R-137/122, from the U.S. Patent and Trademark Office. The form, in use since at least 2004 by Clemson’s School of Architecture, offers educational services, namely, providing generative/directed learning opportunities by conducting classes, seminars and workshops in architectural study at the university level or off-site locations around the world.

**Clemson Fluid Studios**

**FLUID CAMPUS**

*Beauty and the Beast*

The Spring 2019 Studio X, led by Ray Huff, focused on the Charleston Navy Yard (Base). The Power House is a neoclassical industrial building, now occupied by the Office of Naval Operations as part of the Base Realignment and Closure Commission’s recommendation to Congress, and the Power House (1909) has been abandoned since. The Power House is one of the few remaining examples in the country of an industrial prototype, still enveloped by the memory of its original function. The developer is working to determine the best reuse of the facility with an initial focus on repositioning the building as an event space. Though by some as “Beauty and the Beast,” this is a question of how a building that has sat abandoned for more than 50 years can directly inform architecture by reading text and design, as a building and event space. A section drawing was included in the project's presentation.

**LOCATIONS. SITED THROUGHOUT THE UNIVERSE.**

In assessing additive manufacturing technology and its implications on the built environment, students are challenged to explore the potential of this technology for achieving social and environmental benefits, while avoiding the single-family housing benefit of additive manufacturing. This is an ongoing effort to quantify not only new ways of building but also living.

**THE SPRING 2019 FLUID STUDY**

The Spring 2019 Fluid Studio offered by Ufuk Ersoy, was inspired by the science fiction novel “Lesabéndio” (1913) in which the bohemian author Paul Scheerbart sharply criticized modern society and class through the eyes of an alien body wandering the Earth for a better world. Similarly, projects in this studio spanned architectural spherical drawings that observed the city of Charleston with critical expertise. Each project was born in a prototypical, speculative landscape of past and future urbanism. Yet, projects were designed as a series of environmental conditions. Students and project teams created their projects that were then shown in their entirety at the City Hall. Exhibition in a room and in the public library, hosted at The City Hall.

**THE ATTRACTION SESSION FEATURED SPEAKERS**

Marlon Blackwood, FAIA, the E. H. Pay Jones Distinguished Professor in Architecture at the University of Arkansas, Heather Kolgan, Associate Professor in Architecture at the University of Colorado, Los Angeles, and Nadir Tahar, dean of the Imam S. Chehab School of Architecture at the Cooper Union in New York and principal in-charge of schools of architecture at George Institute of Technology, the University of Melbourne, and the University of New South Wales. This speaker session was organized to bring together the students and faculty members that make up the School of Architecture, the Clemson Architecture Center in Charleston, and the Clemson University community.

**THE SUMMER SESSION FEATURED SPEAKERS**

Mark Tilden, a former associate professor and the founding dean of the School of Architecture at the Cooper Union in New York and principal-in-charge of the School of Architecture at George Institute of Technology, the University of Melbourne, and the University of New South Wales, was the keynote speaker at this year’s annual symposium. He presented his latest body of work: the future of architecture.

**CALC FLUID CAMPUS**

Clemson Architecture Center in Charleston (CAC.C) has a long history of community service, bridging academia and practice by creating a hybrid environment—a space that integrates academic and hands-on experience in public design and craft — with a faculty of practicing architects. Students are offered opportunities for internships and/or local architecture, urban design, planning agencies, contractors and nonprofits.

**THE CLEMSON ARCHITECTURE CENTER IN CHARLESTON CELEBRATES 30 YEARS**

The Clemson Architecture Center in Charleston (CAC.C) saluted its 30-year anniversary with an evening reception on March 1, 2019. The following day, however, was all about the future. The weekend began Friday with festivities and a four-hour lecture series. On March 2, a distinguished panel of educators and former students of the School of Architecture and CAC.C faculty members engaged in a spirited conversation about the future of the discipline at CAC.C faculty members engaged in a spirited conversation about the future of the discipline.

**THE SUMMER SESSION FEATURED SPEAKERS**

Mark Tilden, a former associate professor and the founding dean of the School of Architecture at the Cooper Union in New York and principal-in-charge of the School of Architecture at George Institute of Technology, the University of Melbourne, and the University of New South Wales, was the keynote speaker at this year’s annual symposium. He presented his latest body of work: the future of architecture.
The Clemson Architecture Center in Barcelona (CAC B), Spain, is part of a partnership with the Barcelona Architecture Center (BACB) in which Clemson students share a studio with students from Texas A&M and Roger Williams universities and live in an international residence hall. Students are immersed in Spanish architectural history, contemporary design, urban practices and culture.

The site for both the Fall 2018 and Spring 2019 projects was located on Placa de Gaudi directly across from Antoni Gaudi’s unfinished Expiatory Temple of the Sagrada Familia. The basilica has upwards of 4.6 million visitors a year and the surrounding area even more visitors. The students were asked to propose a design for a museum on the site, which currently hosts a landscaped plaza with a large reflection pond in the center. Clemson graduate students worked independently or with another graduate student. Clemson undergraduate students were paired with other undergraduates from Clemson, Texas A&M and Roger Williams universities.

For more information, visit clemson.edu/aarchitexture or call 864-656-8000.

XAVIÀ HORTO MARKET STANDS

marchagram.bcnву

Fall 2018 Studio students designed and built a pair of unique market stands at Xavià Hort. The stands — a far cry from the plastic-topped tents ubiquitous to farmers markets — were designed and hand-built by nine students from the Clemson Architecture Center in Charleston.

“The intent is for these structures to eventually blend into the landscape and respect the agrarian character of Xavià Hort,” said David Pastre, a senior lecturer at the Clemson Architecture Center and coordinator of the school’s Architecture + CommunityBuild (A+CB) program, who mentored the students. “To that end, slats of locally sourced cypress form the walls of the stands. Their hipped roofs were inspired by the natural shapes of red cypress trees — like the cypress — will develop a silvery gray patina over time. When their doors are swung open, canvas awnings unfurled and interior lights illuminated, they’ll provide comfortable shopping spaces within the framed biodiversity of Xavià Hort’s cypress forest.”

When not in use, they flank the community’s back door to the market.

Clemson students got a gander at Antoni Gaudi’s unfinished Expiatory Temple of the Sagrada Familia. The basilica has upwards of 4.6 million visitors a year and the surrounding area even more visitors. The students were asked to propose a design for a museum on the site, which currently hosts a landscaped plaza with a large reflection pond in the center. Clemson graduate students worked independently or with another graduate student. Clemson undergraduate students were paired with other undergraduates from Clemson, Texas A&M and Roger Williams universities.

For more information, visit clemson.edu/aarchitexture or call 864-656-8000.

Students, faculty and guests, including their trip host, Morgan Clark, enjoy the unique cypress forest at Xavià Hort.

XAVIÀ HORT MARKET STANDS

marchagram.bcnву

Fall 2018 Studio students designed and built a pair of unique market stands at Xavià Hort. The stands — a far cry from the plastic-topped tents ubiquitous to farmers markets — were designed and hand-built by nine students from the Clemson Architecture Center in Charleston.

“The intent is for these structures to eventually blend into the landscape and respect the agrarian character of Xavià Hort,” said David Pastre, a senior lecturer at the Clemson Architecture Center and coordinator of the school’s Architecture + CommunityBuild (A+CB) program, who mentored the students. “To that end, slats of locally sourced cypress form the walls of the stands. Their hipped roofs were inspired by the natural shapes of red cypress trees — like the cypress — will develop a silvery gray patina over time. When their doors are swung open, canvas awnings unfurled and interior lights illuminated, they’ll provide comfortable shopping spaces within the framed biodiversity of Xavià Hort’s cypress forest.”

When not in use, they flank the community’s back door to the market.

Clemson students got a gander at Antoni Gaudi’s unfinished Expiatory Temple of the Sagrada Familia. The basilica has upwards of 4.6 million visitors a year and the surrounding area even more visitors. The students were asked to propose a design for a museum on the site, which currently hosts a landscaped plaza with a large reflection pond in the center. Clemson graduate students worked independently or with another graduate student. Clemson undergraduate students were paired with other undergraduates from Clemson, Texas A&M and Roger Williams universities.

For more information, visit clemson.edu/aarchitexture or call 864-656-8000.

Students, faculty and guests, including their trip host, Morgan Clark, enjoy the unique cypress forest at Xavià Hort.

XAVIÀ HORT MARKET STANDS

marchagram.bcnву

Fall 2018 Studio students designed and built a pair of unique market stands at Xavià Hort. The stands — a far cry from the plastic-topped tents ubiquitous to farmers markets — were designed and hand-built by nine students from the Clemson Architecture Center in Charleston.

“The intent is for these structures to eventually blend into the landscape and respect the agrarian character of Xavià Hort,” said David Pastre, a senior lecturer at the Clemson Architecture Center and coordinator of the school’s Architecture + CommunityBuild (A+CB) program, who mentored the students. “To that end, slats of locally sourced cypress form the walls of the stands. Their hipped roofs were inspired by the natural shapes of red cypress trees — like the cypress — will develop a silvery gray patina over time. When their doors are swung open, canvas awnings unfurled and interior lights illuminated, they’ll provide comfortable shopping spaces within the framed biodiversity of Xavià Hort’s cypress forest.”

When not in use, they flank the community’s back door to the market.

Clemson students got a gander at Antoni Gaudi’s unfinished Expiatory Temple of the Sagrada Familia. The basilica has upwards of 4.6 million visitors a year and the surrounding area even more visitors. The students were asked to propose a design for a museum on the site, which currently hosts a landscaped plaza with a large reflection pond in the center. Clemson graduate students worked independently or with another graduate student. Clemson undergraduate students were paired with other undergraduates from Clemson, Texas A&M and Roger Williams universities.

For more information, visit clemson.edu/aarchitexture or call 864-656-8000.

Students, faculty and guests, including their trip host, Morgan Clark, enjoy the unique cypress forest at Xavià Hort.
A FLUID CAMPUS™ WITH ENDLESS LEARNING

THE MASTER OF RESILIENT URBAN DESIGN

The Master of Resilient Urban Design (MRUD) degree addresses design and development thinking about how to steward change in rapidly growing metropolitan regions. This program is founded on an issues-based, team-based model wherein students engage in a design-thinking foundation and enhanced with methodologies and processes from multiple disciplines.

MRUD co-hosted the inaugural session for the Riley Mayors’ Design Fellowship alongside the Joseph P. Riley Jr. Center for Livable Communities in February 2019. The fellowship culminated in a three-day workshop held in Charleston and attended by the eight South Carolina Mayor Fellows and 12 experts discussing the design and development issues pressing in those eight municipalities. MRUD students performed the field work and research to produce the briefing book upon which the workshop was based. MRUD students Austin Virdin, Meghan Finnegan and Abraham Champagne also served as interns for the fellowship.

MRUD co-hosted the ULI hosted the midterm studio review for the students’ study of Transit Oriented Development for the proposed Lowcountry Bus Rapid Transit Line. LS3P hosted the final review at their Charleston office.

MRUD co-sponsored the “What’s the Future of Landscape Architecture Theory” symposium with the MLA program. The second day of the symposium included walking field trips of urban design and development projects in Greenville, South Carolina, and a trip tour with BBSA.

SCHOOL OF ARCHITECTURE FACTS

STUDENT DEMOGRAPHICS:

RESIDENCY AT ENTRY:

58% SC residents

42% out-of-state, including 9% non-US

Top 10 states at entry: SC, NC, GA, FL, NY, CA, VA, OH, MA, VT
Student Work

For More Information, Contact: Ann G. Smiser, University of Alabama, AnnSmiser@ua.edu; Anne Gillette, University of Alabama, AnneGillette@ua.edu

RECIPIENTS

With support from the National Historic Preservation Forum, the second annual Vernacular Architecture Forum was held at the South Carolina Trust for Historic Preservation in Columbia. Led by professors Hudgins and Lekas, MSHP students worked with Preservation Texas to digitize images and research the history of the Victorian Architecture House in Downtown Houston. A Leica Total Station supported creation of a three-dimensional model of the exterior of the historic house and a portico added to the building. Students also completed a site plan that recorded the placement and condition of surrounding green spaces and an inventory of interior furnishings. Field, inventory documentation and drawings and a conditions assessment, along with recommendations for next steps, were submitted to the local diocese and to the American Homes Preservation Trust to ensure the future of the chapel's tabby walls and the buildings that connect to it. Students created a research report that includes a map, photographs, and written documentation of the chapel's tabby walls and the surrounding area.

EXPLORING A ROSENWALD SCHOOL AND ITS NEIGHBORHOOD / ST. GEORGE, SOUTH CAROLINA

In her role as chief of the architects, Historic City Task Force, Professor Barbara Carter is leading the way in St. George’s Historic District. Dr. Carter has coordinated a multi-level project to examine the history of the neighborhood and the structures that make up the district. The project involved extensive research, community outreach, and collaboration with local historians, architects, and preservationists. The work is ongoing, and it is expected to make significant contributions to understanding the history and significance of the neighborhood.

The 1937 Rosenwald School, located in St. George, South Carolina, was built as a part of the Rosenwald Fund’s nationwide effort to provide educational opportunities for African American children. The school, now known as the Mabel’s Grill, is a significant example of the African American Vernacular Architecture (AAVA) movement and is an important site for understanding the history of education and community development in the region.

The Rosenwald School was built using funding from the Rosenwald Fund, a philanthropic organization that provided grants to help African American communities establish schools. The school features a distinctive architectural style that is characteristic of the Rosenwald Fund’s schools, with elements such as a gabled roof, a central chimney, and a front porch.

The project team is working closely with local community members to ensure that the history and significance of the Rosenwald School are accurately preserved and interpreted. This includes the development of a comprehensive preservation plan and the establishment of guidelines for the future use and management of the building.

The project is expected to continue for several years, and it is anticipated that the results will be shared with the community and the broader public through a variety of means, including exhibits, publications, and public presentations.

In summary, the St. George Historic District project is an important initiative for understanding the history and significance of the African American Vernacular Architecture movement. Through the careful documentation and preservation of the Rosenwald School, the project team is working to ensure that the history and significance of this important site are accurately preserved and interpreted for future generations.

This project is supported by the South Carolina Trust for Historic Preservation and the National Historic Preservation Forum. The work is being led by Dr. Barbara Carter, professor at the University of Alabama, and her team of students from the Preservation Studies program. The project is expected to continue for several years, and the results will be shared with the community and the broader public through a variety of means, including exhibits, publications, and public presentations.

23 ULLAN STREET / THE CHARLES ELLIOTT HOUSE, CHARLESTON, SOUTH CAROLINA

As its first field documentation assignment, the MSHP class of 2020 investigated the history and significance of the Pillow House, a tall, narrow building, five stories high, located in the center of Charleston. The Pillow House is a significant example of early 19th-century architecture in Charleston and is noteworthy for its unique design and construction.

The Pillow House was built in the 1820s by Charles Elliott, a wealthy merchant and planter who played a significant role in the development of Charleston. The house was designed by architect John Coffee and features a distinctive combination of Greek Revival and Federal style elements.

The MSHP class of 2020 conducted a comprehensive field investigation of the Pillow House, including a detailed examination of the building's physical characteristics, historical context, and architectural significance. The project team worked closely with local historians and preservationists to gather information and to develop a comprehensive preservation plan.

In summary, the Pillow House project is an important initiative for understanding the history and significance of early 19th-century architecture in Charleston. Through the careful documentation and preservation of this significant site, the project team is working to ensure that the history and significance of the Pillow House are accurately preserved and interpreted for future generations.

This project is supported by the South Carolina Trust for Historic Preservation and the National Historic Preservation Forum. The work is being led by Dr. Barbara Carter, professor at the University of Alabama, and her team of students from the Preservation Studies program. The project is expected to continue for several years, and the results will be shared with the community and the broader public through a variety of means, including exhibits, publications, and public presentations.
Combining historic wisdom with the latest in contemporary architecture and engineering, we can once again recreate. But with an understanding of natural systems and technology to provide required students to submit projects that use “a novel and sustainable building,” Arch students enjoyed a celebratory lunch in the Lee III Wedge, during which former CAF President Ashley Scott St. John announced the winner of the fourth annual CAF Prize. Lori North won the prize for her proposal to design a series of low-income housing units in Louisville, Kentucky. Lori led a team of three students to win the competition. The team included architect, engineer, and construction management student from other universities. The PCI Foundation during the 2019 Student Awards Ceremony in Pittsburgh, Pennsylvania, awarded a first prize in the Student Awards. The PCI National Board of Direction’s student awards recognize the best projects by students, producing the most promising professionals in the future. The awards were presented to architects and engineers in various fields of study. The awards were presented by the PCI National Board of Directors. The recipients were chosen for their innovative, sustainable, and creative projects. The PCI Foundation sponsored the event, which is held annually to recognize the best projects by students, producing the most promising architects and engineers in the future. The awards were presented to architects and engineers in various fields of study. The PCI Foundation sponsored the event, which is held annually to recognize the best projects by students, producing the most promising architects and engineers in the future. The awards were presented to architects and engineers in various fields of study.

THE AIA YOUNG ARCHITECTS AWARDS 2019

We were proud to honor three Clemson School of Architecture alumnae who received national recognition from the AIA. Ashley Scott St. John, AIA, (BA ’02, M.Arch, GIT, ’05) was awarded the 2019 AIA Young Architects Award, of which a total of 22 were awarded. Ashley Scott St. John, AIA, is a thoughtful and energetic leader, deeply dedicated to the profession and to public service. She served as the President of the AIA South Carolina Chapter and as a member of the AIA South Carolina Committee for the Built Environment. She currently serves as the Executive Director of the Columbia Foundation for the Arts and Humanities. Ashley Scott St. John is the founder and principal of the architecture firm, Ashley Scott St. John Architects, which was founded in 2002.

STUDENT AWARD WINNERS

The AIA Young Architects Award honors individuals who have demonstrated exceptional leadership and made significant contributions to the architecture profession early in their careers. The South Carolina architects who have been recognized with the 2019 AIA Young Architects Award, of which a total of 22 were awarded, are distinguished with the honor of fellowship and honorary membership.

NEW FELLOW

Benjamin Ward (BS ’03, M.Arch, NC State, ’08) was awarded a fellowship in the American Institute of Architects (AIA). Ward was selected based on his contributions to the profession and to public service. He serves as the President of the CGA’s Associates Committee, and has been a member of the CGA since 2009. Benjamin Ward is a principal in the architectural firm, Benjamin Ward Architects, which was founded in 2011. The firm has been recognized for its contributions to the profession and to public service. Benjamin Ward is a principal in the architectural firm, Benjamin Ward Architects, which was founded in 2011. The firm has been recognized for its contributions to the profession and to public service.

ANNUAL MEETING

From left to right: AIASC President Dan Schaeffer, former CAAH President Joe Riley, and Director Kate Schwennsen. From left to right: AIASC President Dan Schaeffer, former CAAH President Joe Riley, and Director Kate Schwennsen. From left to right: AIASC President Dan Schaeffer, former CAAH President Joe Riley, and Director Kate Schwennsen. From left to right: AIASC President Dan Schaeffer, former CAAH President Joe Riley, and Director Kate Schwennsen.