



COLLEGE OF ARCHITECTURE + DESIGN ANNUAL REPORT 2018





LETTER FROM THE DEAN

Dear alumni and friends,

In many ways, architecture and design are about testing boundaries, challenging the norm, and exceeding possibility.

In our profession, we are designing buildings using new materials and exciting technologies, and our work is influenced by artificial intelligence and enabled by robotics. We are fusing biology with architecture and investigating computational systems. We're even testing boundaries with new respect for established materials like timber, brick, and marble, and we're ideating through sketching.

It's an exciting time in our profession, and our college is on the forefront as we continue to exceed boundaries, too.

This year, our students are examining how to repurpose a downtown mall in West Virginia and investigating how to bring us closer to the Tennessee River in a responsible way. They are listening to the needs of medical professionals before designing a health care facility, and they are understanding the land beneath before designing above.

This is design education at its best. Our students think, explore, ideate. We're teaching them to test boundaries and challenge the status quo. They are asking questions and researching. They are listening and maturing in their craft.

The college itself is expanding, too. In last year's annual report, you saw that we predicted a student body of 500 this year. We're at 515 after welcoming the second-largest freshman cohort in the college's history, and next fall, we'll welcome the university's Graphic Design program, which will increase our number by about 100.

From our beginning in Estabrook Hall to today in the A+A, we continue to put students first for their future and the future of design.

I hope I have the opportunity to see you soon. In the meantime, stay in touch by following us on Twitter, Facebook, and Instagram (@UTKCoAD).

And visit archdesign.utk.edu often.

incerely,

Scott Poole, FAIA
Dean

of public universities DesignIntelligence, 2018-19

> **NUMBER OF** STUDENTS

up from 453 in 2017

SECOND-LARGEST INCOMING CLASS

in our history

largest was 123 in 2017

NUMBER OF STATES

from which freshmen hail

INCREASE IN FRESHMAN ENROLLMENT

since 2013-14

ARCHITECTURE FRESHMEN

3.98

27.5 ACT

INTERIOR ARCHITECTURE **FRESHMEN**

26.8

of freshman class are

MINORITY **STUDENTS**

PROJECTED ENROLLMENT

2019-20

VOL SCHOLARS

architecture and interior architecture

PERCENTAGE WHO ARE WOMEN





FULBRIGHT STUDENT **SCHOLARS**

STUDENTS WHO RECEIVED SCHOLARSHIPS

calendar year 2018

STUDENTS WINNING **NATIONAL AND INTERNATIONAL AWARDS**

NEW **WORKSTATIONS**

83

INDUSTRIAL DESIGN MINOR



increase in enrollment since launch in 2016

LANDSCAPE **ARCHITECTURE CELEBRATES**

anniversary

YEARS OF DESIGN **STUDIES AT UT**

that led to today's School of Interior Architecture

DESIGN MATTERS! CAMP

year in a row for increase in campers

From 6 STATES up from 10 in 2017



of campers were female

POUNDS OF PLASTER used in Day 1 project

> **NUMBER OF LECTURES**

funded by Robert B. Church Memorial Fund, General Shale, Governor's Chair for High Performance Energy Practices in Urban Environments,

BarberMcMurry Professorship

CAREER DAY

FIRMS

STATES

up from 53 firms from 11 states in 2017

STUDENT PARTICIPANTS

NUMBER OF PEOPLE

who voted to choose the name Tennessee RiverLine

> from 15 states and 3 countries

FACILITIES

calendar year 2018 repairs, renovations, furnishings, and equipment



To read this annual report online, visit

archdesign.utk.edu/ar18

ACADEMICS **NEW PROGRAMS. NEW OPPORTUNITIES.**

Architecture and design, done right, challenge us to think, observe, act, and emote. The best architecture changes us. It pushes us. Design moves us literally or philosophically. Exploring new horizons through design gives our faculty and students opportunities to evolve, as when we welcome graphic design to our college next year. We will never stop doing what's best for our students as we continue to seek the horizon.

GRAPHIC DESIGN

In 2018, we announced that beginning in the 2019-20 academic year, we will welcome UT's Graphic Design program to our college. The program will move from the School of Art to better serve students who share the same objective of transforming the world through people-centered design.

INDUSTRIAL DESIGN

The industrial design minor continues to grow. Enrollment in the minor has increased 70 percent from its inaugural year in 2016. More and more undergraduate students from various majors across UT are learning to use creativity to address needs, solve problems, and prototype using advanced digital technology in our Fab Lab.

> "Opportunities for engaged learning, design, and research are folded into our curriculum and extracurricular activities. These hands-on and personal experiences motivate our students and faculty to engage with a broader community, addressing local and global concerns that merit unique disciplinary solutions."

-Katherine Ambroziak

Associate Dean for Research and Academic Affairs, Associate Professor of Architecture





ACADEMICS **SUCCESSES**

The status quo is not welcome here. Instead, we use diversity and collaboration to transform ourselves. In our incredible maker spaces, we design and explore with advanced technology. In the studio, we push to challenge ourselves. And it shows. In 2018, we got up close and personal with the Tennessee River, helped downtowns redefine themselves, and got our hands dirty in Mother Earth.

TENNESSEE RIVER PROJECT

The boundaries of the Tennessee River are fertile ground for innovation. Led by Brad Collett of landscape architecture, students continue to build on research and design ideas that investigate contemporary challenges for the river we call our own. A studio proposal from Journey Roth-Smith (BArch '17) is the basis for the current initiative, in which students and partner organizations are planning a transformative system of trail experiences that will follow the river from its origin in Knoxville to its confluence with the Ohio River in Paducah, Kentucky. The Tennessee RiverLine—the name chosen by citizens throughout the watershed and beyond—will be a 652-mile trail for biking, hiking, and paddling. Supported by grants from TVA and the National Park Service, it will be America's next great regional trail. We salute our partners in the Tennessee RiverLine—the many organizations that, together with our students and faculty, are blazing a trail for future generations.

Read more about this important work at archdesign.utk.edu/ar18/TNRiver.



"Through the Tennessee River Project, I have met individuals and stakeholders from the Tennessee watershed who all have a dynamic relationship to the river, whether tugging barges from one point to another along its banks or harvesting crops from the nutrient-rich floodplains of the river's basin. From this project I have derived a passionate commitment to sharing the history and learning the potential futures of what is to become of this great river, with the hope that this will stimulate a collective effort to protect this precious resource from further degradation."

—Alexa Macri, Third-Year Master of Landscape Architecture Student



ACADEMICS **SUCCESSES**

BARBERMCMURRY PROFESSORSHIP/SMOKIES STUDIO

Billie Faircloth, a partner in KieranTimberlake, was named the 2018-19 BarberMcMurry Professor. In the fall Faircloth, along with Scottie McDaniel of the School of Landscape Architecture and Stephanie Carlisle of KieranTimberlake, led an interdisciplinary studio whose classroom was the Great Smoky Mountains National Park. Students from all three schools developed concepts for a center for ecological interpretation and land-use history as well as a companion extraction landscape site. Thanks to the generosity of Blanche Barber and BarberMcMurry Architects, students have benefited from the BarberMcMurry Endowed Professorship since 2013. Wendell Burnette served in 2015, and Larry Scarpa served in 2013.

> Read more about our work in the Smokies at archdesign.utk.edu/projects/smoky-mountains-studio.



"The studio is fully immersed in a design challenge that aims to redefine the relationship between architecture, construction, ecology, and land-use change over time. This is an ambitious, timely, and pressing challenge, one that provides insight into a necessary future for architectural practice and its practitioners. The students are fully committed to testing new methods, new knowledge, and new vocabulary as they push the limits of our design agency."

-Billie Faircloth, Partner, KieranTimberlake, UT BarberMcMurry Professor

ACADEMICS

SUCCESSES

NASHVILLE URBAN DESIGN STUDIO

Nashville is one of the fastest-growing cities in the US, and that rapid growth brings challenges in infrastructure, housing, transportation, and other areas. The city was on the short list for a new Amazon headquarters. In response, students in Thomas K. Davis's summer Urban Design Studio in Nashville designed proposals for the location of Amazon HQ2.

Six years ago, students in Davis's Nashville studio redesigned portions of downtown Clarksville, Tennessee, using a public square as a central theme. In April, the students, now alumni, celebrated the opening of the Clarksville Commons.

Read more about our work in Nashville at archdesign.utk.edu/nashville-urban-design.

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GOVERNOR'S CHAIR

Students in James Rose's Governor's Chair Integration Studio collaborated with LM Industries to continue investigation into large-scale additive manufacturing (3D printing) for transit stops in downtown Knoxville. In the fall, the Governor's Chair program brought an opportunity for students in Rose's studio to positively impact the city of Oak Ridge. Working in tandem with Governor's Chair Phil Enquist, students examined multiple downtown sites in support of the city's effort to create a more connected, resilient, and sustainable community.

Read more about the Governor's Chair program at archdesign.utk.edu/make/governors-chair-for-energy-urbanism.

WEST VIRGINIA STUDIO

Students in the School of Architecture partnered with Silling Architects and the Charleston Urban Renewal Authority to study the design challenges and opportunities for the Town Center Mall in Charleston, West Virginia. The students, led by Thomas K. Davis, School of Architecture, designed a variety of solutions for the city, including reimagined retail, entertainment, housing, and educational and technological facilities.

Read more at archdesign.utk.edu/students-reenvision-west-virginia-center.



"Our School of Architecture's curriculum has long encouraged our upperclass design students to engage in community outreach projects—in Knoxville, Nashville, Chattanooga, Tri-Cities, and Memphis. The students' creative energy has led to significant and gratifying built accomplishments such as the Tennessee Aquarium in Chattanooga and the recently realized Clarksville Commons."

—Thomas K. Davis, Professor, School of Architecture





FACULTY

AWARDS & ACHIEVEMENTS

Boundaries are useful things. They hold back water and hold in traffic. They provide rules for fair play and safe communities. But boundaries also can limit free thought and control expression. Our innovative curriculum breaks boundaries by bringing together all of our students in all of our schools—not just once but frequently—and our experienced faculty push boundaries to help students achieve their best, all while making their own mark on the world.

JENNIFER AKERMAN & BOB FRENCH

The Beardsley Farm Education Center, a design/build project led by the School of Architecture's Jennifer Akerman and Bob French and students from across the college, received an Award of Merit from the American Institute of Architects Gulf States Region.

Read about our Design/Build program at archdesign.utk.edu/make/designbuild.

BRAD COLLETT

Brad Collett, School of Landscape Architecture and the Herbert College of Agriculture's Department of Plant Sciences, received the Chancellor's Excellence in Academic Outreach Award for exemplifying UT's land-grant mission. Collett uses scholarship and leadership to bring to light issues with fresh water in the Southeast.

THOMAS K. DAVIS

Thomas K. Davis, School of Architecture, was honored as one of the three founding members of the Urban Land Institute Nashville for his 10 years of dedication to the organization and its relationship with the Nashville Civic Design Center.

KATHERINE AMBROZIAK

Katherine Ambroziak, School of Architecture, was selected as one of four UT faculty members to be an SEC Academic Leadership Development Fellow.

LISA MULLIKIN & KEVIN STEVENS

Lisa Mullikin, School of Interior Architecture, and Kevin Stevens, School of Architecture, placed third in an international design competition to envision a renovation and extension of Ireland's famous Connolly's of Leap pub.



FACULTY AWARDS & ACHIEVEMENTS

BRIAN AMBROZIAK

Brian Ambroziak, School of Architecture, received the Excellence in Teaching Award bestowed by the Office of the Chancellor and the Teaching Council of the Faculty Senate to honor his inspirational teaching, which helps students analyze architecture and think critically.

NATE IMAI & ALYSSA KUHNS

Fellows broaden design education for our students and bring emerging research and innovation to the college and community. Two years ago, the School of Architecture launched an annual fellowship program, and last fall we welcomed Nate Imai as our third Architecture Fellow. Alyssa Kuhns is the Interior Architecture Fellow, a two-year experience.

MARSHALL PRADO

Marshall Prado, School of Architecture, was named a University Design Research Fellow by Exhibit Columbus. As a fellow, Prado participated in an international symposium and is designing a large-scale fiber composites tower that showcases the potential of highly efficient lightweight materials and advanced robotic fabrication processes for the four-month exhibition in Columbus, Indiana. This research-driven design/build project is being built in the Fab Lab using our new \$400,000 robotics technology.

Read more about the project at archdesign.utk.edu/design-research-fellow.

WELCOME, NEW FACULTY

Billie Faircloth, BarberMcMurry Professor, Architecture
Karl Heckman, Lecturer, Adjunct Assistant Professor, Architecture
Nate Imai, Fellow, Architecture
Kris Rehring, Lecturer, Interior Architecture
Jacob Stanley, Lecturer, Interior Architecture

JOHN MCRAE

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After more than 50 years devoted to students and the practice of architecture, Professor John McRae retired from full-time teaching. A former dean of the college and leader of the Haiti and Appalachia projects, McRae leaves a legacy of passion and leadership.

Read more about John McRae's indelible mark on education and the profession at archdesign.utk.edu/mcrae-retirement.





"The overlap between faculty research and the curriculum ensures that our students are at the forefront of cutting-edge inquiry. These experiential learning opportunities foster a rich exchange between the exploration and application of design ideas while setting the foundation for the students' independent research agendas."

-Rana Abudayyeh, Assistant Professor, School of Interior Architecture

FACULTY **RESEARCH & CREATIVE ACTIVITY**

Research is much more than test tubes and microscopes. Our research is often an active pursuit involving face-to-face time with people who are impacted by what we design. It involves people listening to people, students building what they design, and faculty diving deep into topics—even traveling around the world to find answers and bringing what they learn to the studio for the benefit of students.

RANA ABUDAYYEH, NEAL STEWART & SUSAN STEWART

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Rana Abudayyeh, School of Interior Architecture, along with Neal Stewart of UT's Herbert College of Agriculture and Susan Stewart, a May 2018 interior architecture graduate, began a partnership to conduct research toward "smart" houseplants. The team is looking to use synthetic biology to engineer houseplants to notify us by changing their natural states when hazardous substances such as mold, radon gas, or volatile organic compounds are present in the interior atmosphere. Abudayyeh and her colleagues are continuing to work on the long-term project from both the lab and design studio, hoping to bring biosensing houseplants to homes, hospitals, office environments, schools, and other interior spaces. This research was featured in prominent national publications including Science, National Geographic, and Popular Mechanics.

Read more about their research at archdesign.utk.edu/ar18/phyto.



FACULTY RESEARCH & CREATIVE ACTIVITY

MARSHALL PRADO

The robotics technology in the Fab Lab made a major leap forward as we invested \$400,000 to install a nine-axis robotic cell featuring a three-meter robotic arm, an eight-meter linear rail with a two-axis turntable, and several robotic end effector tools. Students will use the robotics technology beginning in spring 2019 through a studio and digital fabrication class taught by Marshall Prado, School of Architecture. The robotics technology will help students develop full-scale prototypes, explore innovative material systems, and understand the role of new technologies on architectural design and fabrication processes. Prado's research focuses on robotic fabrication of fiber composite structures in architecture and the integration of computation and fabrication techniques into material systems and spatial design strategies.

His research is supported by the Oak Ridge National Laboratory Carbon Fiber Technology Facility, Owens Corning, and Hexion Inc.

AVIGAIL SACHS

Avigail Sachs, School of Architecture and School of Landscape Architecture, published the book *Environmental Design: Architecture, Politics, and Science in Postwar America*, an investigation of the shift in architecture and how it influenced society after World War II.

The book examines the duality of design as both art and science and the integration of sociopolitical ideas into architecture.

Read about Sachs's book at archdesign.utk.edu/sachs-book.

TRICIA STUTH & TED SHELTON

Tricia Stuth and Ted Shelton, School of Architecture, coauthored an article in Change Over Time: An International Journal of Conservation and the Built Environment and served as theme editors of the Journal of Architectural Education. In both publications, Stuth and Shelton discuss their research conducted as affiliated fellows of the American Academy in Rome.

FACULTY

RESEARCH & CREATIVE ACTIVITY

AVIGAIL SACHS & MICAH RUTENBERG

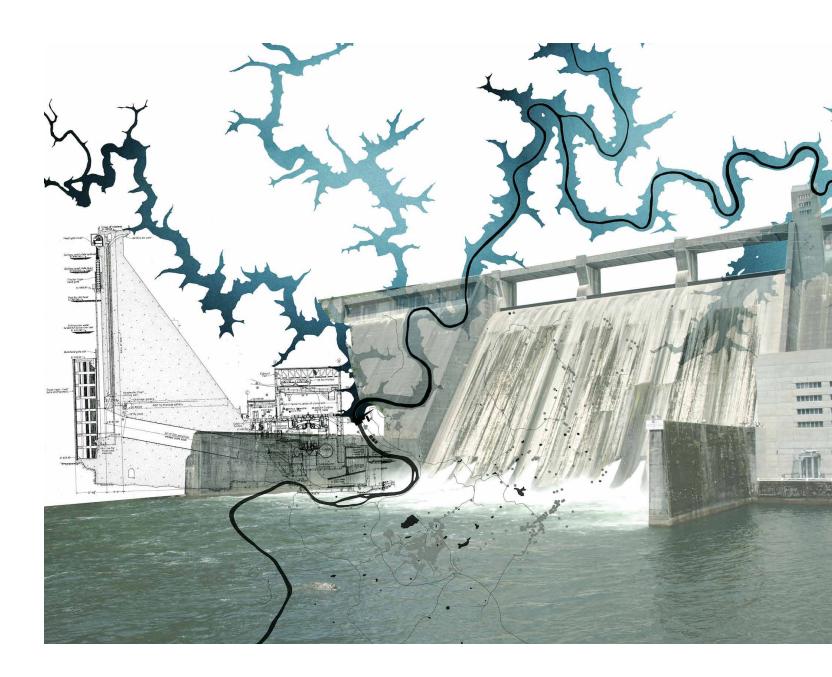
Avigail Sachs, School of Architecture and School of Landscape Architecture, and Micah Rutenberg, School of Architecture, received an MIT School of Architecture and Planning Lawrence B. Anderson Award of more than \$12,000 for their research. Sachs and Rutenberg are developing an atlas of 24 maps, photographs, and 3D models that depict the large-scale transformation and mechanized production processes in the Tennessee Valley Authority's Norris Dam. This work combines Rutenberg's research on spatial mapping of the region's resources and Sachs's historical study of the role of design in TVA projects.

PHIL ENQUIST

The visionary Governor's Chair for High Performance Energy Practices in Urban Environments continues to contribute to student learning and faculty research in sustainable design and energy use. Students, faculty, and professionals participated in a regional symposium on the future of additive manufacturing in design. The symposium was hosted by Governor's Chair Phil Enquist and the college's Institute for Smart Structures, directed by James Rose.

. **MARK DEKAY**

Mark DeKay, School of Architecture, spent two weeks at Deakin University in Australia to lead faculty workshops, facilitate a symposium on integral design futures, and present a lecture, "Solving the Climate Crisis by Design," with collaborator Susanne Bennett. Deakin is using DeKay's book Integral Sustainable Design as a basis for a research framework in its School of Architecture and Built Environment.





STUDENT **SUCCESSES**

Our cross-collaborative culture means our students are crossing the aisles to work with all disciplines in the college. We're small enough to do it successfully and large enough to make it meaningful for our students' futures. This culture, combined with our innovative curriculum and amazing technology, leads our students to achieve big things. After all, exploration begins outside the lines.

NIKLOS TOLDI

Niklos Toldi, a fourth-year interior architecture student, was awarded first place in the national Gensler Brinkmann Scholarship competition and received a substantial scholarship and internship at Gensler's San Francisco office. Toldi's award-winning design, a product of Rana Abudayyeh's studio, was a 30,000-square-foot, four-floor office building designed for film company Annapurna Pictures.

> See a video about Toldi's winning design and plans for his future at archdesign.utk.edu/ar18/toldi.

LANDSCAPE ARCHITECTURE STUDENTS

Landscape architecture students were named winners of a national design competition for Berkshire Botanical Garden in Massachusetts. The students designed a 4,000-square-foot entry garden that now is a new gateway for the thousands of visitors to one of America's oldest botanical gardens.

See the details at archdesign.utk.edu/landscape-architecture-berkshire.



"Interning at Gensler San Francisco will not only contribute to the remainder of my time as a student but also carry with me throughout my career. I broadened my horizons personally and professionally and enhanced necessary skills to make an impact in the design world. This experience was truly an opportunity of a lifetime."

-Niklos Toldi, Fourth-Year Interior Architecture Student

STUDENT **SUCCESSES**

SCHOOL OF ARCHITECTURE STUDENTS

Two teams from the School of Architecture, led by Kevin Stevens, were named winners of Architecture at Zero, an international design competition for a science education facility near San Francisco. This is the first time in the competition's seven-year history that a university has placed two teams.

Read more about the designs at archdesign.utk.edu/architecture-at-zero-2018.

CULLEN SAYEGH

Cullen Sayegh, a fourth-year architecture student, was awarded the Aydelott Travel Award, a \$20,000+ scholarship that funds a summer-long trip to engage in firsthand research into four architecturally significant structures across the world. Sayegh studied the Trollstigen Visitor Center on the Geiranger-Trollstigen National Tourist Route in Norway; the Ouvrage Hackenberg in Vekring, France; the Humble Administrator's Garden in the Classical Gardens of Suzhou, China; and the Angkor Wat Temple in Angkor, Cambodia.

Read more about Sayegh's travels at archdesign.utk.edu/sayegh-abroad.

DILLON DUNN

Dillon Dunn, who earned a Bachelor of Architecture degree in May, was named a Fulbright Scholar. Dunn will use his Fulbright award as well as an additional \$5,000 scholarship from the Aydelott Travel Award to continue research into European and Asian architecture and its interaction with religion and culture in Yogyakarta, Indonesia, for 10 months. Dunn also was named the UT Knoxville 2018 Undergraduate Researcher of the Year.

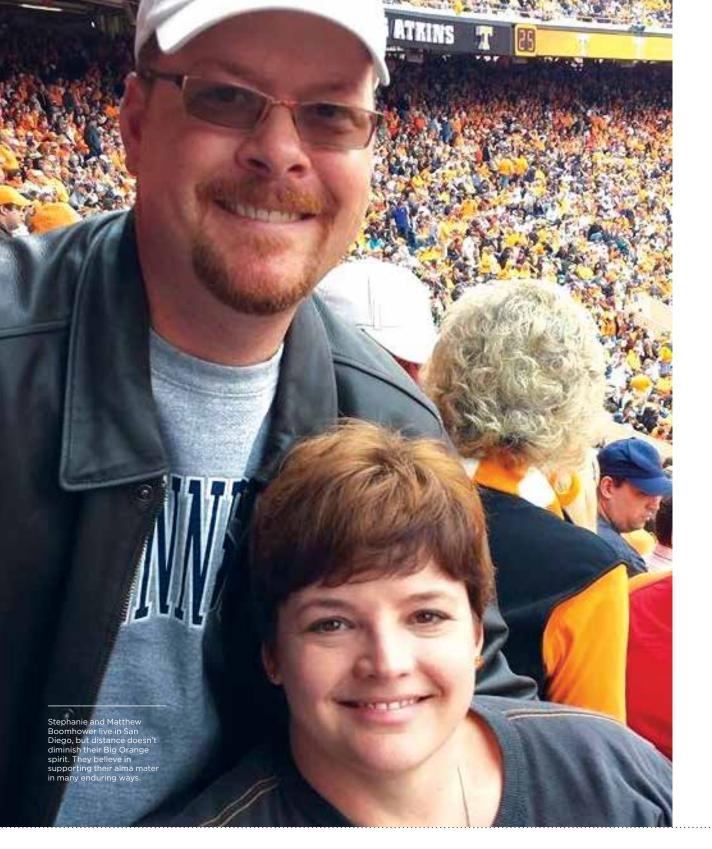
Read more about Dunn at archdesign.utk.edu/graduate-stories-dillon-dunn.

JAMES HALLIWELL & JOSEPH PLATT

For the second year in a row, our students have placed in the international Undergraduate Awards competition. This year, fifth-year architecture students James Halliwell, from Tracy Moir-McClean's studio, and Joseph Platt, from Michael Davis's studio, were named Commended recipients in the competition, which is sometimes called the junior Nobel Prize. Two recent alumni, Andrianna Thompson (BSIA '18) and Zane Russell (BArch '18), also placed.







ALUMNI & DEVELOPMENT

When our alumni and donors support our faculty, students, curriculum, and technology, generosity overflows and our gratitude exceeds our ability to express it. This was a banner year for our generous supporters, who gave in new and creative ways—from studio and industry partnerships to scholarships for students to estate gifts for the future. The impact was great, and we are greatly thankful.

TUNED IN TO GIVING BACK

In 1992, in their very first semester at UT, Stephanie Clem and Matthew Boomhower were in the same 8 a.m. Western civilization class. They were introduced there and married five years later. Stephanie graduated with a Bachelor of Arts in psychology, minoring in architecture, and went on for a master's degree in college student personnel. Matthew graduated with a Bachelor of Architecture degree, and after a dozen years in general contracting, building, and design, he went on to earn a JD from California Western School of Law.

Today the couple live in San Diego, but the California sun pales in comparison to the Big Orange in their lives. They are active UT alumni-starting an alumni chapter in San Diego—and have endowed two scholarships and made a planned estate gift to the College of Architecture and Design.

"UT was good to both of us," says Stephanie, "so we are tuned in to the idea of giving back."

Matthew agrees, saying, "I paid my own way through school. There were times when I needed help from different sources, so we are happy to share our success and support other people who are coming up behind."

Read more of the Boomhowers' story at archdesign.utk.edu/ar18/Boomhower.

DESIGNINTELLIGENCE 2018-19 "MOST HIRED FROM" RANKINGS

Among comparably sized schools

ARCHITECTURE

ARCHITECTURE

ARCHITECTURE

We salute our young alumni who are making an impact and quickly contributing to their firms' success. And we thank our established alumni who support the college through Career Day and hire and mentor our graduates. Read more at archdesign.utk.edu/2019-di-most-hired-ranking. **ANNUAL GIFTS**

This list represents annual

gifts of \$100 or more for

fiscal year 2018

\$10,000 to \$24,999 AIA Middle Tennessee

BarberMcMurry Architects Mr. and Mrs. Lee Simms Davis Mr. and Mrs. James O. Hastings Jr. **Humphreys and Partners** Architects LP McCarty Holsaple McCarty Inc. Tennessee Foundation for Architecture Tennessee Valley Authority

Estate of Don H. Tinsley

\$4,000 to \$9,999

Valerie D. Woolev

Anonymous TMPartners PLLC Mr. and Mrs. David A. Bailey Mr. and Mrs. Matthew C. Boomhower Clayton Homes Manufacturing Inc. David W. Epstein Mr. and Mrs. George A. Ewart, A.I.A. General Shale Brick Inc. **HBG** Design Johnson & Galyon Inc. Mr. and Mrs. Marc S. Rowland

\$1,000 to \$3,999

Mr. and Mrs. Ken Adkisson

AIA East Tennessee Keith Boswell Brewer Ingram Fuller Architects Inc. Mr. and Mrs. David L. Bynum Christina Lynn Byrnes Angelo A. Carusi Norma R. Clark Cooper Carry Charitable Foundation Inc. Mr. and Mrs. Lanis L. Cope Thomas K. and Marleen Kay Davis

East Tennessee Foundation

Everett J. Fisher Jr. Mr and Mrs Thomas Graves Howard Mike Green Mr and Mrs Bill Heitz Mr. and Mrs. Kem Hinton Mr. and Mrs. Jeff Holmes Mr. William Durward Howell LS3P Engage Design Transform Terry W. Marcum and Karen Barger-Marcum William Thomas Morris John Scott Poole Dr. Robert M. Russell Jr. Joshua M. Shelton Fric A Stein Matthew Sherrod Stovall Mr. and Mrs. W. Carl Taylor Tennessee Chapter ASLA John D. Walker Dede Woodring

\$500 to \$999

Dwight E. Bailey, A.I.A.

Barge Design Solutions Inc. Gipsy Grubb Bergstrom Mr. and Mrs. Steven D. Billingsley Mr. and Mrs. Mark Stephen Campbell Tracy S. Carusi D. Stanley Dixon Mr. and Mrs. Charles R. Fowler Mr. and Mrs. Robert Hunter Gee Gary Bruce Hilbert, A.I.A. Mr. and Mrs. Clayton M. Jones Trevor S. Lee Walter C. Lineberry Lose & Associates Inc. Lyle-Cook-Martin Architects Inc. Heather and Stephen Jason Mathias Charles Andrew Morton National Association for Women in Construction Chapter 61 R2R Studio LLC Mr. and Mrs. Chris Eugene Ramsey Clinton Alan Smith Pamela Cannella Treacy D. Strong Wyman

\$250 to \$499 Dare Bagwell Mr. and Mrs. March Wallin Chadwick Jonathan W. Clark Valentina Cochran Mr. and Mrs. David S. Collins Mr. and Mrs. Daniel M. Evans

Mr. and Mrs. Donald L. Finkell Jr. Gale Arlen Fulton David N. Garst Kimberly Joan Graham Christopher R. Green Samuel H. Gross Jr. Peter Hillermann J. Barry Holt, A.I.A. Edward R. Isler Dennis Lynn King Michael David Kiss Mr. and Mrs. Gerald B. Martin Clayton James McPhail William Everett Medling Kathleen L. Palmer Hitesh Hasmukh Patel Mr. and Mrs. Thomas Robinson, A.I.A. James Richard Rose Jr. Mr. and Mrs. Michael St. Charles Gregory L. Steck Mr. and Mrs. R. David Wheeler

\$100 to \$249

Kira McKeown Adamo Andy Scott Akard Jennifer Alford Akerman Angelike G. Angelopoulos Mr. and Mrs. Sven Bader Mr. and Mrs. Timothy E. Baker Frederic B. Baruchman Melissa K. Beene Mr. and Mrs. H. Paul Beets Christopher John Boehme Eric W. Bowen Barry Gerald Brechak Kathy G. Browning Mr. and Mrs. Mark Buck Mr. and Mrs. Howard Burns Frances G. Campbell Jennifer Stines Campbell Daniel P Cash David Chih-Hong Chen Adrienne Miles Ciuba Ted Martin Ciuba Mr. and Mrs. Gerald Clark Gary L. Cobble **Bradford Paul Collett** Jonnie McClung Cox Douglas G. Cox Dr. Drury Browne Crawley IV Kristin Sullivan Cruser Mr. and Mrs. Grant Davis Mr. and Mrs. Alan J. Dooley Mr. and Mrs. James Johnson Dudley

Alexander B. Easter

Mr. and Mrs. Gregory

Carolyn Fairbanks-Biggs

L. Errett

Hans D. Faulhaber John E. Felton Lann Kathleen Field Richard Allen Foster Larry D. Fox Richard John Frederick Burl Mark Freeman Valerie Star Friedmann William Bryant Gallagher Jr. Robert P. Gillcrist Mr. and Mrs. Claude Grayson Janet Marie Grazul Frank Harlan Hambright Roger L. Hankins W. Edward Harkleroad John D. Heckethorn Mr. and Mrs. Robert S. Henry Mr. and Mrs. Christopher Reed Herbstritt Mr and Mrs James Howard Hewitt Russell Mark Hopper Robert H. Houser Michael Housley Mr. and Mrs. Wesley James Mr. and Mrs. Harold Jennings Mr. and Mrs. John Fred Mr. and Mrs. Roy Len Johnson Alvin E. Johnson and Billie Freeman Jeffrey C. Justice Mr. and Mrs. Glenn Frederick Keyes Mr. and Mrs. Kurtis Bradlev Keesecker Dr. Gary L. Kimmel Robert Wayne Laumeyer Brian D. Leaders Mr. and Mrs. Bennet J. Luckens Deborah Miriam Lundberg Bonnie Wilkinson Mark Mr. and Mrs. Jack Marshall Mr. and Mrs. David William Matheny Mr. and Mrs. Paul M. McCall Robert Mack McCov

Frank S. McDonald

Amanda Lillian McFadden

Mr. and Mrs. Les McLaurin

Mr. and Mrs. Stephen Moriak

Mitchell Lynn McNabb

Charles Jordan Muse

Brandon Lynn Orrick

Mr. and Mrs. Geoffrey

Mr. and Mrs. Brandon F.

John Overmyer

Rachelle Neilands

Sonva B. Odell

Pace

William Jackson Napier

Ray Meek Jr

David R. Mixon

Cameron Reese Rodman Douglas Conley Saylor Sr. Bethany Thompson Shockney Jay G. Silverman Anna Daley Smith Steven L. Standifer Pamelia S. Stratton Ruxin Tao Steven Michael Thomas Bill Tice Robert L. Torbett Vance Travis Jr. Weston Elliot Treadwell Edward W. Tucker

Paul F. Palko, A.I.A.

Mr. and Mrs. Randv

Daniel E. Pomeroy

Mr. and Mrs. Jerry

Katherine J. Proctor

Mr. and Mrs. Preston

Mr. and Mrs. Alan Reed

C. Christopher Remke

Robert W. Proctor

Mr. and Mrs. Donald W.

Martha J Parker

Penland Jr.

E. Pimsler

W. Preston

H Quirk

LIFETIME GIVING

Robert H. Wicker, A.I.A.

Dr. and Mrs. Kwai L. Wong

Mike Wessel

Jason T. Young

This list represents lifetime gifts of \$25,000 and above to the College of Architecture and Design.

\$500,000 to \$1,000,000

Estate of A. L. and Hope Aydelott Estate of Blanche McKinnev Barber Estate of James R. Cox Estate of Joanne C. Fitch General Shale Brick Inc. TN Board of Architectural & **Engineering Examiners**

\$250,000 to \$499,999

Robin Klehr Avia BarberMcMurry Architects Anne P. Church Estate of Aubrey N. Knott Lyndhurst Foundation Estate of Dorothy Juanita Sanders Tennessee Valley Authority Haim and Batia Zukerman

\$100,000 to \$249,999

Baron Corporation Blaine Construction Corporation Eastman Chemical George and Cynthia Ewart David and Janis Fite IAVO Research and Scientific Bruce and Elizabeth McCarty McCarty Holsaple McCarty Architects Inc Estate of David G. Puckett Dr. James and Elizabeth Wall

AIA Middle Tennessee

\$50,000 to \$99,999

Matthew and Stephanie

AIA Chattanooga

Boomhower

Constructware Clyde and Wanda Craven Jr. Lee and Julie Davis Earl Swensson Associates Inc. Electric Power Research Institute Hastings Architecture **HBG** Design Bill and Leslie Heitz Carl and Mary Louise Maples

Manfred and Fern Steinfeld Estate of Don H. Tinslev Valerie Woolev

AGC Flat Glass AIA East Tennessee Anonymous Clavton Homes **Construction Specifications**

Foundation Inc.

Davis

Architects David and Dr. Tracv

Dewhirst David Epstein

Laura K. Headley **Humphreys & Partners**

Architects LP Johnson & Galyon

Kawneer Inc. Kristina Lawson-Pizarro Sharon A. Malone

Mark Freeman Associates Inc. David and Sandra Martin Kenneth M. Moffett J. Patrick and Nancy

Neuhoff Company

Powell Companies

\$25,000 to \$49,999

Apple Tech Computer Fund David and Stephanie Bailev Community Tectonics LLC

Institute Cooper Carry Charitable

Cope Architecture Thomas K. and Marleen Kay

Everett James Fisher Jr.

Gary and Kim Hawkins

Jeff and Rhonda Holmes

Construction

Lyle-Cook-Martin Architects

Pella Window and Door

Pilot Corporation Scott Poole

Derthick Henley & Wilkerson

Ross Bryan Associates Inc. Marc and Ruth Ann Rowland S. Reginald and Patricia Ruff Darrell Russell Schneider Electric Charlie Smith The Steinfeld Foundation Steelform, USA TMPartners PLLC TN Architectural Foundation

Neal and Jeanne Richardson

PLANNED GIFTS

Upland Design Group Inc.

Diedra M. Woodring

This list represents planned estate gifts through June 30, 2018.

\$500,000 to \$1,000,000

Anonymous

\$250,000 to \$499,999

David C. Beals Matthew and Stephanie Boomhower James and Christi Edwards

\$100,000 to \$249,999

Terry W. Marcum and Karen Barger-Marcum Daryl Johnson James and Regina Musgraves Marc and Ruth Ann Rowland

\$50,000 to \$99,999

Robin M. Ellerthorpe Cynthia Ann Tumlin Barry Alan Yoakum and Kathy Howard Yoakum

\$25,000 to \$49,999

Dr. Edward and Maze Bolin Ron and Joan Justus W. Carl and Nancy P. Taylor

Please be assured that every effort was made to ensure the accuracy of this report. To let us know of an error, or if you would like to donate, please contact Pamela Cannella Treacy at 865-974-3280 or ptreacy@utk.edu. Alumni, please update your contact information at alumni.utk.edu.



"The UT College of Architecture and Design is a constantly evolving hub of creativity and expression, and we are honored to be part of efforts to help current and incoming students achieve their dreams and broaden their learning experience."

-Marc (BArch '85) and Ruth Ann (BS '86) Rowland

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ALUMNI & DEVELOPMENT SCHOLARSHIPS

Scholarships through planned estate gifts make the most impact. These scholarships will directly—and daily—make a difference in the education of our students, who are the future of architecture and design.

ESTABROOK SCHOLARSHIP

We bade farewell to Estabrook Hall, the first home to the college. Estabrook, along with two other aging buildings, was demolished to make space for UT's growing campus. As a legacy gift, alumni from the era established a scholarship fund in the name of the iconic structure, a fund that is growing toward \$25,000 to become an endowed scholarship.



PLANNED ESTATE GIFTS

We thank the generous alumni and friends who provided planned estate gifts to establish or increase scholarships in 2018:

Matthew and Stephanie Boomhower (\$400,000)

Marc and Ruth Ann Rowland (\$200,000)

Daryl Johnson (\$100,000)

Planned estate gifts also can be used to great impact in other ways:

Travel awards for students

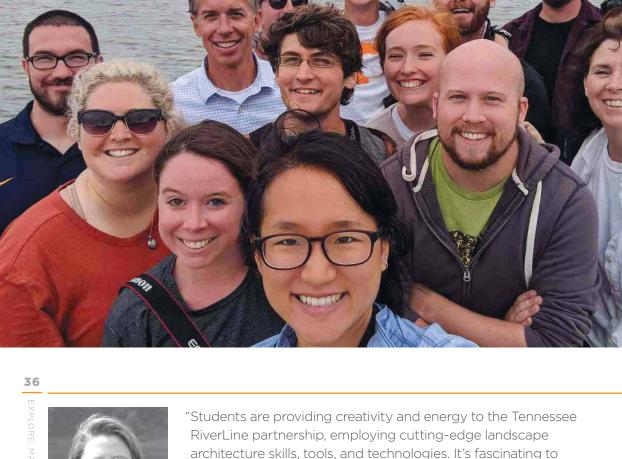
Opportunities for faculty development

Facilities purchases or upgrades

New technology for students and faculty

Establishment of a fully supported Design/Build program

To discuss planned estate giving, contact Pamela Cannella Treacy, 865-974-3280 or *ptreacy@utk.edu.*



PARTNERSHIPS

IN INDUSTRY

Our cross-collaborative education, where students from all disciplines work together throughout their years here, is successful because of our dedicated faculty and staff, commitment to the best technology, award-winning facilities, and support from partners. Our industry partners support the college financially and by serving on our advocacy boards. Some firms choose to support specific studios to enable more innovation and exploration. To all of our partners, we express a grateful "thank you."

WE SALUTE OUR INDUSTRY PARTNERS

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Visit *tiny.utk.edu/COADpartners* to learn how you can make a difference in our college by partnering with us.

EXPLORE. MAKE. TRANSFORI



"Students are providing creativity and energy to the Tennessee RiverLine partnership, employing cutting-edge landscape architecture skills, tools, and technologies. It's fascinating to watch these students of such a high caliber shape the outcomes and elevate the significance of one of our region's most iconic river resources."

—Alison Bullock, Planner, National Park Service Rivers, Trails, and Conservation Assistance Program

PARTNERSHIPS **FOR OUR STUDIOS & BEYOND**

Throughout our 53-year history, architecture and design firms, associations, and industry suppliers have stepped up to provide support for studios and the college.

CROSSVILLE INC.

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In 2015, Crossville Inc. connected with the School of Interior Architecture to promote design excellence through experiential learning. In 2018, students worked closely with Crossville Inc. engineers and product specialists to design complex tile pattern variations for a microschool and wellness center.

If your company or organization is interested in supporting a studio, contact Pamela Cannella Treacy at 865-974-3280 or ptreacy@utk.edu.

CHATTANOOGA DESIGN STUDIO

The Chattanooga Design Studio helped students in the School of Architecture reconnect with the city of Chattanooga through a studio in fall 2018. Led by Kevin Stevens, the students met with city officials including Chattanooga Mayor Andy Berke and community leaders from River City Company and the Enterprise Center to design conceptual projects along the Chattanooga Riverwalk and Main Street. Since 1981, projects undertaken by UT students have had a great impact on the city's current urban form.

GENERAL SHALE LECTURE SERIES & BOOK

Thanks to generous donations from General Shale, a longtime partner, we are able to host a prominent lecturer each year. In 2018, we welcomed Juhani Pallasmaa, a Finnish architect and author of The Eyes of the Skin: Architecture and the Senses, who lectured for the public and hosted an intimate dialogue session for students and faculty. General Shale also is funding the producton of a book that expands on Pallasmaa's dialogue with the college. The book is edited by Scott Wall of the School of Architecture and will be available in 2019.

Watch the lecture and dialogue at archdesign.utk.edu/pallasmaa.





BUSINESS STRATEGIC PRIORITIES

Educating more than 500 students is no small feat. And providing them with an education that exceeds expectations, making them confident and mature designers, takes a strategic vision crafted for a future of resilience and long-term stewardship. We actively work to provide the best curriculum, technology, and facilities for our faculty and students, and we build on our legacy of innovation for the future.

KEEPING WHAT'S BEST FOR STUDENTS TOP OF MIND, WE'RE WORKING TOWARD THESE STRATEGIC PRIORITIES

Improved undergraduate and graduate education
Strengthened research and engagement
Faculty and staff support
Transformation of our infrastructure and resources
Enhanced diversity and inclusion

REACHING THESE PRIORITIES MEANS MEETING SPECIFIC NEEDS

Additional scholarships to gain a competitive edge in recruiting the best students

Enhanced travel awards for students to improve recruiting and retention

More internship opportunities for students while they are in school

Additional long-term industry partnerships to enrich opportunities for students and faculty

A fully funded Design/Build program to differentiate us and aid in recruiting

Learn more about the college's strategic plan at archdesign.utk.edu/strategicplan.



FOR THE DESIGN COMMUNITY

DIGITAL FABRICATION SERVICES

Digital Fabrication Services at the Fab Lab celebrated its first anniversary in 2018. This unique resource for academic and professional designers in the region offers prototype and idea generation using the sophisticated digital and analog resources in the Fab Lab.

Local architecture firms are discovering the benefits of Digital Fabrication Services to prototype models for client presentations. Artisans use the service for art, furniture, and other projects, and area industries, including the Tennessee Valley Authority, are tapping this local resource for unique signage, topographical models, and other products.

Learn more at archdesign.utk.edu/digital-fab-services.

TECHNOLOGY

FAB LAB

The Fab Lab continues to grow to meet the needs of our students and faculty.

\$400,000

ROBOTICS **TECHNOLOGY**

563 lbs. **OF FILAMENT** used in the 3D printers,

up from 470 in 2017-18

1,060 hrs. ON THE **CNC ROUTER**

up from 1,020 in 2017-18 and 330 in 2015-16

277,165 ft.

used in the 3D printers, up from 230,610 in 2017-18 and 130,000 in 2015-16

109 hrs. ON THE WATER-JET CUTTER

241 mi. OF TOOL LINEAR **MOVEMENT**

on the CNC router, up from 232 in 2017-18

NEW CERAMIC **3D PRINTER** to print objects in clay

NEW FRONT-LOADING KILN

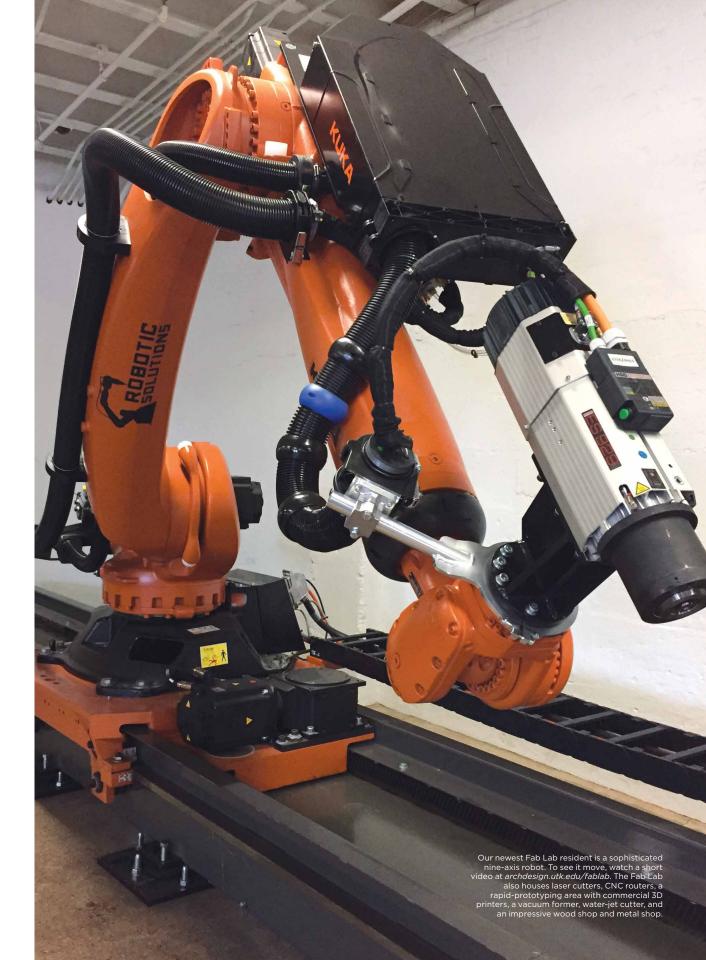
to fire clay-printed objects

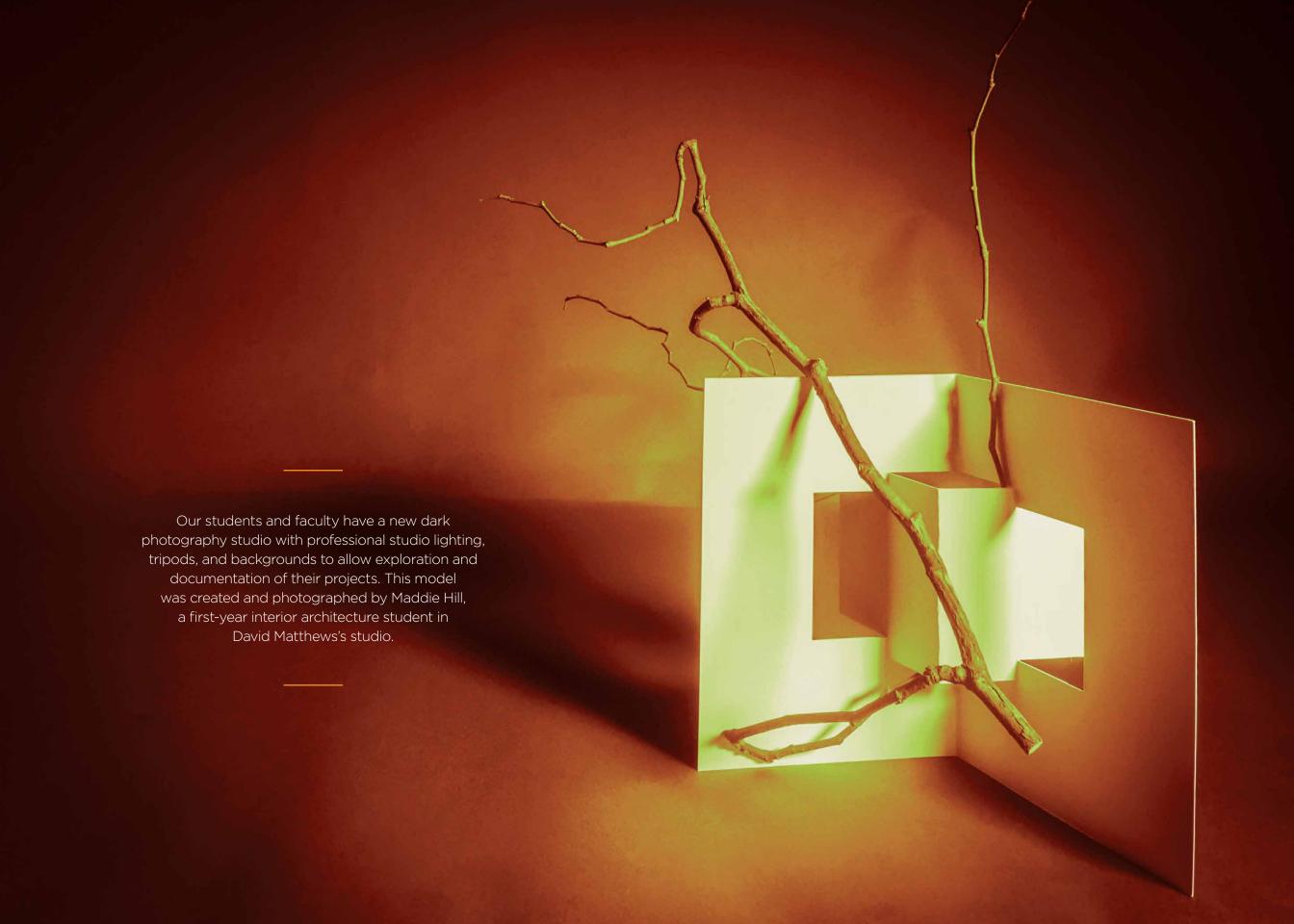
Learn more about the Fab Lab at archdesign.utk.edu/fablab.



"Tenacity, persistence, determination, perseverance. These words were not in my vocabulary as an 18-year-old freshman entering the College of Architecture and Design. Today, some 40 years later, I now find these words deeply ingrained into my makeup. To be resilient, to constantly push myself to design better buildings, I attribute to my time in the college. I encourage all alumni of the College of Architecture and Design to think back on your time and give back for the next generation of makers to be persistent in their pursuits."

-David Epstein, Design Director, Principal, Gensler, Chair-Elect, Dean's Advocacy Board







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865.974.5267

OUR MISSION

We transform the world through design.

EXPLORE. MAKE. TRANSFORM.