

From the Dean

Dear Friends.

The 2021-2022 academic year marked another historic year for the College of Design. We successfully completed our Think and Do the Extraordinary Campaign, setting fundraising records for the college. Thanks to your support, we were able to raise over \$23.1 million towards scholarships, fellowships, endowments, lecture series, visiting designers, and more.

And so this issue of our Designlife magazine is about you - the generous donors, warm friends, spirited alumni, hardworking faculty and staff, and ambitious students that make the College of Design not just a place to earn a degree – but a welcoming community focused on the very best that design can offer. You are the reason I give a toast to good design at each and every one of our college events.

While we continue to celebrate the past five years of success, we have eagerly set our sights towards the future – namely, our 75th anniversary in 2023.

Committee members have been hard at work developing the programming and activities for our upcoming anniversary - we're pleased to say that we won't just be throwing one big party and calling it quits. We are working on a robust series of activities including community service projects throughout Raleigh and North Carolina, lectures, exhibitions, digital interactive experiences, maker and family days, a Community Growth Conference — and maybe a party or two.

I hope you will join me as we continue to look back and think forward in anticipation of 2023.

— Mark Elison Hoversten, Ph.D., FASLA, FCELA, AICP, Assoc. AIA

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On the cover: Some of the many donors, beneficiaries, alumni, faculty, staff and contributers to the Think and Do the Extraordinary Campaign. Pictured, left to right:

Row 1: Henry Johnston, Abby Bagwell, Madalyn Baldwin, Travis Klondike, George Smart, L. Franklin Bost, Donald Branch, Alex Buck, Arpitha Belur.

Row 2: Natalie Chanin (Photo: Rinne Allen/Courtesy of Alabama Chanin), Ruby McSwain*, Tess Colavecchio, Nilda Cosco, Robin Moore, Greg Cranford, Carla Delcambre, Sarah Casaday, Carolina Gill.

Row 3: Agatha Fentress, Curt Fentress, Jill Gammon, Roland Gammon (Photo: Mehmet Demirci, Triangle Business Journal), Richard Gold, Richard Rice, Jr., Liora Manne, Edwin "Abie" Harris, Susan Arrendell.

Row 4: Kevin Kane, Myra Kane, Jasmeen Kaur, Matt Blanding, Laura Laut, Michael Laut, Derek Ham, John Martin, Tracy Martin.

Row 5: Bob Mattocks, Carol Mattocks, Arthur Clement, James Barefoot, Wendy Miller, Alan Yeh, Katherine Peele, Richard Peele, ClayVon Lowe (Photo: J Fletch Photography).

Row 6: Matt Rust, Mary Anne Howard, Steve Schuster*, Kimberly Siran, Britt Davis, Gylnda Smith, Dan Smith, Hannah Smith, Daniel Stott.

Row 7: Fred Taylor, Holly Tesar, Paul Tesar, Susan Toplikar*, Charles Travis, Janice Travis, Betty Trent, J. Stacey Utley, Ashley Pearson.

Row 8: Raney Wilson, Kelly Umstead, Bill Valentine, Jane Valentine, David Van Galen, Jane Van Galen, Keith Vest, Salem Vest, Tess Wiegmann.

Row 9: Jesse Peterson, Michael Tribble, Sayre Tribble, Linda Warren Jones, Jason Forney, Sarah Forney, Nikki Evans, Robert Watson, Claire Henkel.

*Deceased

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Dack cover Things We Like

Pictured: Brooks Hall at night. Photo by Max Cohen.



Above: The Alton Great Streets project, located in the St. Louis region, employed drone technology during the pandemic to build 3-D models and quickly iterate and visualize alternative plans for virtual public workshops (image courtesy of Design Workshop).

A NEW WAY TO MEASURE: Bringing Drone Technology to Landscape Architecture

By Miriam Antelis

ith the help of NC State's Institute for Transportation, Research and Education (ITRE), Emily McCoy, associate professor of practice in landscape architecture and environmental planning, has been flying drones across campus for the past five years. But she's capturing more than the beauty of the landscape.

McCoy and the students in her landscape performance class have been using tools such as drones with thermal cameras to evaluate how different landscapes across campus perform from a sustainability standpoint.

McCoy's resources were much more limited when she started teaching the class in 2015, with she and her students measuring the temperatures of

different landscapes by hand. But she was able to purchase research tools after receiving a Sustainability Fund grant, which also allowed her to partner with ITRE to fly the drones

The drone-based research project will help identify the ways in which different landscapes and designs can mitigate the negative impacts of urban heat islands across campus.

"Built infrastructure in urban areas, such as buildings and sidewalks, often gets pockets of heat that, in Raleigh, can sometimes be 20 degrees hotter than a more rural area outside of the city boundary," said McCoy. "These pockets of urban heat can exacerbate the issue of energy use so that buildings have to work harder and use more energy to cool, and are also linked to health concerns such as asthma"

The project also complements the course material with a visual element to help students make the connection between design building and actual performance.

One part of the project, for instance, involved comparing traditional landscape designs on campus, such as lawns and walkways, to the more biodiverse designs built by the Department of Landscape Architecture and Environmental Planning's hands-on program Design + Build. The findings showed that Design + Build's landscapes which include rain gardens outside Syme Hall — are more effective than traditional landscapes at managing stormwater, mitigating the urban heat island and providing respite for students and faculty.

Beyond NC State, drones allow landscape architects to collect large amounts of data while providing a quicker feedback loop. These perks can help them understand

how they can embed higher-performing design from a sustainability standpoint.

Drones also serve as a visualization and storytelling tool, which makes it easier for landscape architects to educate communities about the impact of environmental issues in their area, such as climate change or loss of habitat.

In southeast Raleigh, landscape architecture firm Design Workshop — where McCoy also serves as a principal - worked on a new park and art installation project for Rochester Heights Historic District, the city's first African American subdivision.

The low-lying neighborhood experiences frequent flooding, and the landscape architects were tasked with figuring out where to enhance hydrological zones and existing ecological ecosystems while keeping its historically significant sites intact.

McCoy and her team had limited resources for the project, and drones helped them map the site in 20 minutes and at

> a much lower cost than a survey. Obtaining a survey would have taken three to four months and cost about \$20,000, she said. Even though a survey is more accurate and is required for the final design, the drone imagery allowed McCoy to gather the information needed to begin the planning process and apply for funding.

"We were able to use the photography and video captured by the drone as part of the storytelling aspect to help engage the community and get feedback," she said. "Through that process, we found ourselves collecting oral histories as a mixed-media approach to storytelling about place."

With drones becoming safer and more affordable, McCoy hopes to see their use expand within the field of landscape architecture and environmental planning.

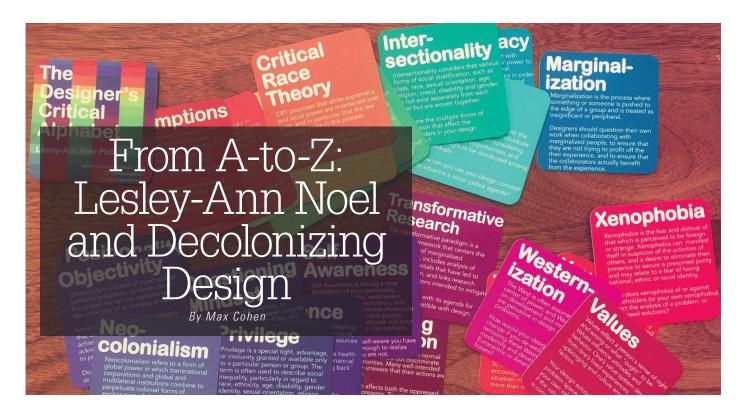






Above images: Students from McCoy's Landscape Performance and Metrics class in collaboration with NC State's Institute for Transportation, Research and Education (ITRE) collected drone and field data on campus four times a year for the last 5 years to understand the impacts of the Urban Heat Island and air quality on campus.

"Drones are becoming pretty standard in our practice, but there's still a lot of work for landscape architecture to catch up with them on their capabilities. We're slowly getting there," said McCoy.



hroughout her career teaching design at home and abroad, there was one thing that stuck out to Dr. Lesley-Ann Noel — most of the concepts taught in classrooms across the world stemmed from a European perspective.

Her journey began at the Universidade Federal do Paraná in Curitiba, Brazil, where she earned her BA in industrial design. Then, she received her MBA from the University of the West Indies in Trinidad and Tobago. Afterward, she worked as the associate director of design thinking for social impact at Tulane University and lectured at Stanford University and the University of the West Indies.

To say that Noel's experience in design has taken her places would be an understatement.

In 2018, she earned her Ph.D. in Design from the NC State College of Design and is now an assistant professor of Art + Design.

"When we think about design, maybe we think about Bauhaus. Maybe we think about people from California. Maybe we think about New York," says Noel. "I want to make sure that students understand that design is practiced in a lot of places, and design can be done in a lot of different ways."

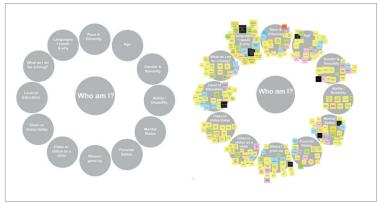
Now, Noel aims to bring underrepresented voices into everyday design education through social innovation,

inclusive community-led research and public health solutions. By creating tools such as the Designer's Critical Alphabet and the "Who Am I" Positionality Wheel, she is making conversations around race and bias more common in classrooms and workplaces.

Cards Born out of Anger

"It is Memorial Day, 2020. I am in California, barbecuing on the tiny patio of the apartment where I am staying to 'hide' from COVID-19," wrote Noel in an October 2020 article published in Design Observer. "New Orleans, where I am based, has turned into a COVID hotspot, and my son and I have left the city for a bit to take refuge elsewhere. Later that same day, George Floyd is murdered."





Opposite Left: The Designer's Critical Alphabet was first designed as a deck of cards to introduce designers and design students to critical theory and concepts to help them reflect on their design process. Above Left: Dr. Lesley Ann Noel. Above Right: Example of Noel's Positionality Wheel from "Learning to Recognize Exclusion" published in the February 2021 issue of the Journal of Usability Studies

It was a moment of recognition. She recognized how little her own education discussed race, identity, and culture – despite acquiring it in culturally-rich places like Brazil and Trinidad and Tobago.

This is when Noel began working on a deck of cards titled the Designer's Critical Alphabet, aiming to bring new perspectives into the classroom.

The prototype deck consisted of three categories: race, gender and age.

On these cards were the beginnings of what she calls the Critical Alphabet – building blocks for designers and design students to access multiple points of view, concepts and definitions.

Since October of 2020, almost 2,000 designers around the world have used the card deck and Noel has been working on expanding the Critical Alphabet with the help of her colleagues.

The Power of Positionality

Although the Critical Alphabet has applications in many sectors of design, Noel also recognizes that her own personal story can have an impact in the classroom.

"I'm a Black woman who is not American. I'm an older woman, as well. All of those groups have levels of exclusion that I've experienced personally," states Noel.

With discussions of inclusion front and center on campuses nationwide since 2020, she believes that recognizing hegemony – the dominance of a single idea, practice or culture - in design is equally as important.

Noel began studying the concept of positionality while she was a Ph.D. candidate at the College of Design. Now, the Positionality Wheel is a tool used by students and colleagues to reflect and describe their identity and worldview, as well as identify how these impact their work as a team.

In the classroom, the concept of positionality can be used to provide a less Eurocentric perspective when it comes to design as well.

"It means that our students have to be doing research," says Noel. "And we as professors can assign this research so that the students will actively think critically about new questions based on multiple identities."

In Noel's current home, the Art + Design Design Studies program, she sees another opportunity to translate heavily academic ideas into something more accessible and applicable.

"Design Studies ends up being a really good place for me to be because I am no longer discipline-specific," states Noel. "If we could remove some of the silos that separate how we design, the more crossdisciplinary we can be, it would make our work a lot richer and a lot deeper."

Honoring Faculty: Pat Rand Initiates Roger Clark Architecture Speaker Support Endowment

By Christine Klocke

In honor of the outstanding and enduring

teaching of Roger Clark, Distinguished Professor Emeritus in Architecture Pat Rand has created the Roger Clark Architecture Speaker Support Endowment. This annual lecture will allow the School of Architecture to bring leading professionals and architectural educators to campus to present architectural topics relevant to students' future careers.

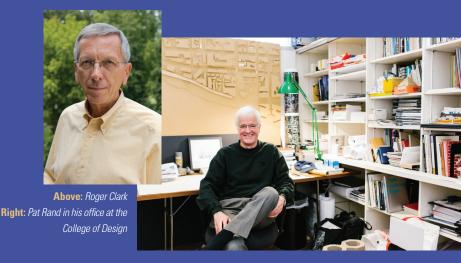
"Roger is a complete educator – we could not have a finer teacher, mentor or colleague. He is a master of his discipline intellectually and can reduce it into practice at the highest level," says Rand.

This led Rand to develop the Roger Clark Architecture Speaker Support Endowment. Students often receive inspiration about their own careers after hearing engaging lecturers, where they can network with guest speakers and other practitioners.

Roger Clark started his career at the College of Design (formerly School of Design) after teaching for five years at the University of Virginia. He felt that architecture was best taught by architects, and so maintained a practice of architecture while also teaching.

"Practice informed my teaching and teaching inspired my practice," Clark says. He was sincerely flattered that Rand created the endowed lecture series in his name so quickly. assuming it might normally occur at someone's death.

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Rand recalls that Clark had the ability to assess a student's experience level, slowly reveal concepts that can be firmly grasped before leading them to the next level to see their projects in profoundly new ways. Clark often conveyed that architects need to be innovative even when hampered by constraints and avoid falling into the routine of the mundane. He encouraged his students to not miss the richness that space, form, material, site and natural light can provide.

Throughout his career, Clark has produced buildings that consistently receive awards and critical acclaim, all while balancing teaching with his professional practice. He describes architecture and teaching similarly – as a "logical, tangible art whose multi-dimensional character requires great thoroughness and constant attention to detail." This devotion to teaching has led to long lasting friendships with former students. "Students enriched, stimulated, questioned, and challenged me," Clark says. "They kept me and my mind young and made years of my teaching career pass quickly."

Clark taught several foundational courses for students, including History of Contemporary Architecture, Analysis of Precedent, and fifth-year and graduate-level studios. "My guidance was

to question, prod, and challenge the students to identify an architectural idea that would lead to physical form," he says. He describes the students as motivated, interesting, intelligent, talented, curious, hardworking and concerned about themselves and others.

Rand, who has taught in the college for more than 45 years, has seen first hand how Clark has provoked students to form their personal values as designers, architects and human beings.

The lectures created by this endowment provide the opportunity to bring fresh viewpoints to the students and faculty. They will also hopefully encourage local practicing architects and recent graduates to return to the school, thus further enhancing the strong relationship between the School of Architecture and practicing architects in the area.

"This annual event will recognize Clark's significance as an architectural educator over his long standing career and enhance the education of future students," says Rand.

To make a gift to support this speaker endowment, please visit: https://go.ncsu.edu/roger-clark-



It All Adds Up: Alumnus Doug Bennett reflects on a Lifetime of Giving

By Christine Klocke

Doug Bennett attended the College of Design during an "explosive period" in our nation's history, starting in 1965 and graduating with a Bachelor of Architecture in 1970

Throughout his time in the school, he was able to serve as the business manager on the Student Publication, and that was his first foray into philanthropy. After graduating, he served in the U.S. Navy, and started a lifetime of giving. Bennett likened his continuous giving to a habit. He started giving, initially, modest donations to the College of Design and kept up with

annual donations ever since

Bennett truly feels that higher education is important and targets all his giving for NC State to go to the College of Design, specifically the School of Architecture. "I'm sure someone who graduated in landscape architecture can give to their department," he chuckles. "You give to what you know and feel comfortable with "

While Bennett emphasizes the importance of giving to higher education, he keeps his support

at the discretionary level. State funding only provides part of what is needed, and private contributions can provide high impact to the students for needs that vary from year to year.

After years of annual giving, Bennett has set up a legacy gift for the College of Design. "You know, there's '100% taxation' when you pass that final stage in life," he jokes. Bennett feels that it is important to make provisions for the things that have had a significant impact on your life. He likens the process to heaving a volleyball over the net for the next generation: "you may not be sure what they will do with it in 5, 10 or even 15 years, but you have to hope that they will use it wisely take similar steps to provide for future generations."

Bennett encourages others to think about the difference between where they were

in high school and where they are today. "What you paid for your education only covers a fraction of the total cost." he adds. Little amounts of 'giving' add up over time, and can make a big impact.

He describes his time in the school the way many others do, saying that faculty were available almost 24/7 and students lived and breathed in the school and the studios. separated from the activity occurring at the rest of NC State.



Above: Bennett was the business manager of the Student Publication, Design and Community, vol. 19 no. 2, shown above.

"One of the most important lessons I've learned from the school was the ability to think creatively about a problem, any problem," he says. Design education helps with creative problem solving, and that makes a big difference in developing a solution.

College of Design Secures First Distinguished Professorship with Support from the Goodnights

by Christine Kl<u>ocke</u>

The College of Design has named Wayne Place as its inaugural Goodnight Distinguished Professor in Architecture. The professorship was made possible by a gift from longtime NC State supporters Dr. Jim and Mrs. Ann Goodnight.

Place has been at NC State's College of Design since 1986 and was essential in helping the College of Design develop a research-focused culture, with inquiry guided by the needs of humans through the development of sustainable, material-driven, large-scale designs; he was also instrumental in the creation of the college's Ph.D. program. His areas of focus include architectural structures, passive solar technologies, and daylighting, where he has been a consultant on more than 20 building projects, conducting daylighting design and analysis, structural design and analysis, and system integration.

Place is currently working on a Rotating Daylighting Laboratory at the NC State Daylighting Research Facility with Professor Jianxin Hu. The creation of the laboratory was initiated with funding from the NC State Provost and from the Skidmore Owings and Merrill Foundation.

"This laboratory is crucial to advancing research on several major patents currently in the works for our college and university," said Place. "These patents are for inventions that have the potential to dramatically reduce operating energy for buildings around the world. Additional funding



from the Goodnight Foundation will allow us to expand the scope of the project substantially in vitally important ways that will accelerate the research and development of the inventions that are the subjects of the patents."

The Goodnights are NC State alumni and co-chairs of the Think and Do the Extraordinary Campaign. Jim Goodnight —the founder and CEO of SAS earned his B.S. in applied mathematics in 1965, his M.S. and doctorate in statistics in 1968 and 1972, respectively, and the university conferred an honorary degree to him in 2002. Ann Goodnight earned her B.A. in political science in 1968, works as the senior director of community relations at SAS and serves on the North Carolina State University Board of Trustees.

The Goodnights' commitment to faculty excellence has resulted in the creation of 24 named endowed faculty positions across several colleges at NC State as well as support for faculty funds.

Distinguished professorships honor an extraordinary commitment to research, teaching and mentoring. The funds provided by a distinguished professorship enable a faculty member to engage in professional activities, such as conference attendance and speaking engagements, that raise NC State's profile as a premier academic institution. Discretionary funds also allow professors to offer unique research experiences for undergraduate and graduate students, which is key to NC State's recruiting efforts.

Within the college, Place teaches advanced studios on Tall Building Design and Airport Design. Studios like these differentiate the College of Design from other architecture programs by exposing students to the fundamentals of designing on a macro scale.

Both studios provide a platform of exposure, an introduction to new technologies, and an expanded understanding of design constraints students would otherwise not have. Work from the Airport Design studio has been recognized with the Outstanding University Exhibit Award at the 2018 Venice Biennale and work from the Tall Building Design Studio was recognized by an invited presentation by Professor Place at the 4th US-China Super-Tall Buildings Summit in Chongging, China. The symposium was sponsored by CITAB, the Chinese counterpart to the U.S. Council of Tall Buildings and Urban Habitat.

Top: Wayne Place and Ingrid Fullerton examine one of the Airports of the Future projects for the 2018 Venice Biennale.







Above: Peavey builds a concept prototype as part of a student team for a sponsored studio.

Left: Peavey orients new students as a member of the Eastman sponsored studio team.

Jennifer Peavey Plans to Back the Pack Forever

Through a special legacy gift, this NC State alumna hopes to provide professors in the College of Design with the resources to think and do ad infinitum.

by Taylor Pardue

Jennifer Peavey has had a lifelong love for NC State, Raised in Charlotte. North Carolina, by Wolfpack alumni, she grew up cheering on the men's basketball team during the Atlantic Coast Conference tournaments

and collected every Charlotte Observer article on their progress during the 1982-83 NCAA championship season.

Despite her devotion to all things red and white, though, Peavey surprised her family by attending Clemson University for her bachelor's and master's degrees in chemical engineering. She said it took "years of wandering" after graduation, moving from a career in engineering to innovation management, to finally find her way home to NC State and the College of Design.

Peavey earned her master's in industrial design from the latter in 2016 while working on Centennial Campus as an affiliate of NC State for Eastman. She also managed Eastman's relationship with the College of Design, among other roles, during that time.

Serving in those various capacities helped Peavey, who is now a full-time College of Design employee, better understand what it means to be an NC State faculty member. Professors also wear many different hats: teaching, conducting research, writing papers and more. Peavey's newfound appreciation for their complex

positions led her to create the Jennifer Peavey Distinguished Professorship, which will enable recipients in the industrial design program to excel in the classroom and beyond.

"I'm hoping it frees up the professor to concentrate on their research, on their service - whatever it is they are giving to the university and contributing to the body of knowledge — while also providing an upward spiral of energy for the entire college," Peavey said.

Peavey chose to establish her professorship via a planned gift in order to maximize her impact on NC State in the years ahead. The gift will draw from the remainder of her 401(k), thus allowing Peavey to live comfortably following her retirement yet still leave a meaningful amount for the Pack. Matching funds promised by the state of North Carolina will then add to the professorship and make Peavey's dream contribution a reality.

"NC State has no idea how great it truly is," Peavey said. "NC State does such amazing things and has such incredible potential for collaboration and making really impactful things happen. My goal for this professorship is to further that excellence."

To learn more about planned giving and how you can benefit NC State far into the future, please visit ncsugift.org.



Above: Graphic design student Megan Redfern presents "Driving Toward a Greener Future" during the final critique. Opposite, top to bottom: Video still from group one demonstrating how emergency services could be designed for AVs. Students line post-it notes during an ideation session. Photo of student teams and Red Hat designers.

WHEN GRAPHIC DESIGN MEETS BIG TECH: Red Hat Sponsored Studio Tackles Autonomous Vehicles

By Max Cohen

If you were to visit Allred Gallery on the College of Design's campus during the fall semester of 2021, it's entirely possible that you would have seen the room's large windows covered in marker and post-it notes. And, if you read the contents of those notes out of context, you may have been curious as to why design students are musing over scribbles which read "no privacy," "tracking -> stalking," and "enviro/doomsday."

These notes are not from an outline of a dystopian television series – they're the

first steps in designing an accessible user-interface for autonomous vehicles, or AVs.

AVs have seen a significant increase in interest and development over the past decades. Personal vehicles have begun to incorporate autonomous features such as parking and lane-keeping assistance, as well as fully automated systems such as braking, steering and acceleration. NC State even launched its own driverless shuttle on Centennial Campus in 2020.

The current technology still is not perfect, nor is it widely accessible. But Professor Helen Armstrong's 400-level graphic design studio has tasked students with designing for the AV experience in the near future with a wider audience in mind.

"The projects taught in this studio are meant to challenge these students and to be extremely future-facing," says Armstrong. "There are endless applications for software in an autonomous vehicle. That kind of access to experience and very disciplinespecific knowledge would not be as attainable without an industry partner like Red Hat."

Red Hat, a homegrown tech company known for its work in edge computing and open-source software, sponsored the studio by sending its own team of user experience (UX) designers to brainstorm and collaborate with students.

The College of Design regularly partners with industry leaders like Red Hat to provide students with realworld design challenges, networking opportunities and the latest trends and ideas in their respective fields

Throughout the studio, students had to imagine a future in which the public no longer had access to personal vehicles. Then, they had to ideate on how AVs can fit into a variety of human factors such as family needs, career specializations and security concerns. To make this happen, each of the five student groups created a persona – an imaginary person with unique traits and needs.

As part of the visiting Red Hat team, senior UX designers Mary Clarke and Jeremy Perry were interested to see how graphic design students can add fresh perspectives to the challenges and solutions AVs present.



"The students have been curious and excited throughout the whole process. Just being around their energy has been good," says Perry. "For me, being able to work on a wide-open design problem that's set in the future and invites creativity - it's refreshing. At Red Hat, we're obviously solving problems, but this is a very different type of design problem with a very different type of collaborator"

Together, students and industry experts collaborated on creating tailor-made experiences for parents, service workers and first responders. "We're specifically thinking beyond

that experience of getting from point A to point B," reflects Armstrong. "Instead, we're thinking about all of the data that AVs will collect – then what we can do with that data to benefit individual users as well as larger communities."

By the end of the semester, each of the five studentled teams presented a video summarizing the impact of their AV user experiences. While Red Hat designers were surprised to see such high production value coming from a graphic design program, these types



of projects were exactly what many of Armstrong's students signed up for.

"One of the things that drew me to the graphic design program at NC State was how the college keeps up with the industry," says Kathryn Mullis [BGD '21]. "I love that graphic design can take the form of a lot of other types of design. I was very happy to learn that my final project was going to be dealing with something that dealt with things like space, materiality, industrial design and even architecture."

Celebrating the Think and Do the Extraordinary Campaign

Thanks to the generous support of our donors who contributed to the Think and Do the Extraordinary Campaign, we have been able to make tremendous strides in the last five years.

Because of you, we can look ahead to our future. We're able to consider the next 75 years of design education and shape another seven decades of designers.

Faculty and students are working to address society's grand challenges to reimagine and rebuild communities, to create safe and educational play spaces, and bring mindfulness and promote well-being while allowing users to explore new worlds and historical identities. Through support from individuals and organizations, our faculty are able to improve infant and maternal postnatal health.

Because of you, we can build upon the foundational principles of design education, weaving in experiences and perspectives from across the globe. You are helping us make student and faculty dreams a reality, bringing concepts to prototypes, and prototypes to products.

Our design students use cutting-edge tools to imagine, sketch up, and bring their creations to life. Our faculty are designing spaces to improve health and energy performances in the built environmental and using natural lighting to reduce energy consumption and the impact on our planet.

Our donors are helping to equip our students with the skills, experience, empathy and passion to become successful designers and makers in the world. The work we do, the communities we help, the people we serve is only possible because of gifts from our generous donors and alumni.

Website: Visit our campaign webpage, where you can learn more about the people, programs and stories that have shaped the past five years.



\$23,173,190 DOLLARS RAISED 2017-2021



\$7.4 Million in planned gifts during the campaign



160% Increase in endowment, growing to \$15.2 million



65% of the Design endowment goes to student support



90% Increase in scholarships awarded since 2016-2017



89% < **\$25**k 89% of campaign gifts were less than \$25,000



After graduating from the College of Design and spending years in the construction industry, alumna Julia Wilson [B.Arch. '86] was thrilled when her niece, Lindsey Dotson [BID expected '22] was accepted into the college. Together, the

pair chose to endow a scholarship that benefits a current architecture or industrial design student.

"It was important to me to make this scholarship donation early enough that Lindsey, as a student, would overlap with the recipient. Offering her an opportunity to meet and get to know the recipient while still in school would help impress upon her the value and importance of the scholarship firsthand," Wilson says.

Dotson says that her aunt's philanthropy has opened her eyes to the different types of giving that can benefit students. "I'm excited to be able to contribute to this one day and know where my money is going and the grateful student that it will be helping. Instead of giving a lump sum to a general cause, this philanthropy is personalized to one student that we have the privilege to meet, making it so much more personal," she says.

Both feel that the College of Design has taught valuable skills that persist throughout their careers, and that their experience in the college has formed lifelong friendships. Managing challenges, creatively solving problems, and designing for the end user were all important lessons learned in design. They both feel that opening up design education and providing philanthropic support is an important part of being an alumna. *Photo: Wilson, scholarship reciepient Reilly Holbert, and Dotson.*

Area of Support

Student Scholarship



William C. "Bill' Burton Jr. and Donna Daver

are inspired by the fundamentals of design education, and that passion is reflected in their giving. Burton felt that utilizing hand tools for making is a fundamental aspect of

the historical relationship between tool availability and the products being designed and built.

This led him to create a planned gift endowment in support of the Materials Lab, which encourages students to properly and safely use and care for hand tools that will serve them throughout their lives as designers. Together, Burton and Dayer committed to creating a Crafted

by Hand student competition. Students entering the competition will be encouraged to create and shape their submission created in wood or metal to create an object which demonstrates excellence in design and craftsmanship and honors the process of making as much as the final product.

As Dayer learned more about the college, she felt, as did Burton that fundamental aspects of design are critical to a designer's success. Dayer then established a planned gift for the Design Lab. She hopes that this endowment will enable better access to design educational programming for individuals where before there was none, connect students with real-life career potential in creative areas and help students lay a pathway to a promising future in design.

Areas of Support

K-12 Education Maker Experiences



Graphic Designers Linda Noble (EDV '83] and Craig McDuffie [EDV '83]

credit their education for setting the course of their lives and support the college as it continues to prepare new designers. As part of their support, they established two endowments for design

students.

After graduating, Noble and McDuffie discovered how much traveling can benefit designers by broadening their experiences. To help College of Design students make their own discoveries, they established the Noble-McDuffie Travel Award in 2010. Unlike a scholarship, recipients of the award are required to

iourney for non-classroom, non-traditional experiences that will expand their knowledge of the world and of themselves.

When McDuffie was a student at the College of Design, his advisor, Professor Vince Foote, chose him to be the recipient of a small grant. The funds eased some strain and the recognition made a lasting impression. Noble and McDuffie kept the significance of that award in mind when they found there was no emergency resource for students struggling with financial hardships and decided to establish the TLC Endowment for College of Design Student Aid in 2018. The hope is that other alumni, family and friends will contribute to this fund so it grows to become an important economic resource to help struggling students stay in school and focus on becoming great designers.

Areas of Support

Student Travel Student Emergency Funds







43% of donors were College of Design alumni



Tim [ADN '99, MID '02] and Utaukwa Allen created the

Marva Motley Genesis Endowed Scholarship in 2020 to support students of color collegewide. The scholarship, named after former director of Student Services Marva Motley and the Allen's daughter Genesis, was shaped by

Allen's own experience with Motley.

Countless Black students have described Motley as an advocate

for them, cheering them on within the college, and helping them navigate any challenge, whether it was financial aid or assistance attending a national conference. It was exactly that degree of support that shaped Allen's College of Design experience. "Leaders like her left a lasting impression for me and many, many others" he said. "She taught us not to see obstacles as paths to failure, but as potential new beginnings."

Genesis, the name of the Allen's daughter, represents the beginning of a design student's career that is full of possibilities. The endowment supports minority students to help them fill the gaps in their need, and help them succeed – just as Motley was known for doing.

Areas of Support

Diversity Scholarship



From the Metropolitan Museum of Art to the Yale University Art Gallery to the Museum of Fine Arts in Houston, whether working in Paris or Milan or London, John Mark Hall [BEDA '74], born on a farm in rural NC, ascended to the top of his field. His architectural and interior photography graced the pages of The New York Times, The Wall Street Journal, House & Garden, Architectural Digest, Elle Decor, and Veranda, and his discerning eye and sophisticated taste left a lasting impression on the photography world.

"He was a fine artist whose photographs stood the test of time," said Mark Hoversten, Dean of NC State's College of Design. "We are grateful that he and his husband, John Waddell, have gifted this impressive archive to NC State."

Waddell recalls Hall's "determination, élan, and gusto...his innate charm and cheerful disposition were ever-present." The John Mark Hall Photography Archive, housed and maintained in the NC State University Libraries, is a fitting tribute and valuable resource in recognition of this accomplished graduate's notable contributions to art and design.

"We are excited to have available on our campus his photographic transparencies, negatives, prints, and digital files, in addition to the 29 framed exhibition photographs and other design objects," notes Senior Vice Provost and Director of Libraries, Greg Raschke. "Our faculty and students will benefit for years to come."

Area of Support Special Collections



Rodney Swink [MLA '77] and Juanita Shearer-Swink both have a passion

for landscape architecture. Their desires to bring together communities to foster a sense of place were formed through their respective educations at NC State's College of Design and the University of Florida

Both fellows in the American Society of Landscape Architects, their passion for providing design for all, especially design education for all, led them to create a fellowship endowment for the Landscape Architecture and Environmental Planning Department.

The importance of differing perspectives in design was a huge factor as Swink and Shearer-Swink formed their scholarship, which focuses on attracting diverse candidates to the profession.

"Cultural diversity, age diversity, gender perspective — all of those things enrich our opportunities, and will continue to make our profession stronger and stronger," Shearer-Swink says.

While Swink and Shearer-Swink felt that their ability to contribute to a scholarship was small, they didn't let that deter them from moving forward. "It all adds up," pipes in Swink, "We can do some, and we will of course continue to do that. But the need is greater. We just need more people to say: 'let me do something.' NC State was a great opportunity for us to do something that said 'we believe in this."

Areas of Support

Diversity Fellowship



Thanks to a generous gift from Linda and Turan Duda [BEDA '76], students

from the College of Design recently participated in an immersive, two-week visiting designer program. Partnering with MASS Design Group, the Duda Visiting Designer Program (DVDP) explored North Carolina's complex history through the lens of racial justice, from the era of slavery to the present day. Students grappled with one of three memorial sites spanning geography and time to answer the question: How can spatializing memory support healing and inspire collective action for generations to come?

In exploring the racial justice of NC, MASS identified three key locations for students to focus on: Wilmington, NC, where many enslaved people entered the state; Durham, NC, the site of the Royal Ice Cream Parlor sit-in that protested segregation in 1957; and the state capital of Raleigh, NC, which strives to fill the void left by removed statues to the confederacy.

90 participating students connected with alumni mentors for feedback on their projects and received desk critiques from MASS designers.

Duda is delighted to be supporting the Duda Visiting Design Program and the excitement it brings to the College of Design at NC State. "My goal was to infuse the college and its students with guestions that relate to the compelling issues of today and yet have a timeless significance to them," he says.

Areas of Support

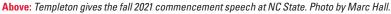
Visiting Designer Program Travel Fellowship

MARK TEMPLETON WANTS YOU TO THINK OUTSIDE THE

By Brent Winter

Mark Templeton [EDP '75], NC State's fall 2021 commencement speaker, crowned a storied career several years ago by retiring as CEO of Citrix, a multibillion-dollar software company. So you'd probably never guess that Templeton's first job fresh out of school was as a draftsman for a sheet metal and roofing company; or that a year and a half after his promotion to the CEO position at Citrix, the company's board of directors very publicly demoted him for making a critical mistake.





Bottom left: Templeton addresses an audience at a Synergy technology conference in Orlando. Photo by the Fort Lauderdale / Sun Sentinel.

Bottom right: Mark Templeton [EDP '75] relaxes with friends while learning forging methods by the furnace.

Setbacks Always Happen

"Setbacks always happen," Templeton said in his commencement address. "No one has ever been successful without accumulating scars that hurt."

Over the course of his career, Templeton has learned a thing or two about success, setbacks and the power of design thinking, and he shared some of that accumulated wisdom on Dec. 14, 2021 with NC State's most recent crop of graduates, as well as in a recent interview with Designlife.

Templeton said the bachelor's degree he earned from the School of Design (as the college was then named) in 1975 provided a solid foundation for much of his later success.

"The education I got at NC State made me a better designer, communicator and critical thinker," he said.

When Templeton first enrolled at NC State, he didn't even want to be a designer; he started off as an engineer. But every day as he walked to his engineering classes, he would pass the School of Design — and he liked what he saw there: "I'd see students working feverishly, carrying portfolios of work, sketching ideas, building prototypes, creating, innovating and imagining," he told his commencement audience. "I was green with envy. Intuitively, I wanted to be one of them. I couldn't really explain why. I just knew."

Templeton transferred into design and earned his degree in product design, even though he never thought he would be a great design practitioner. "After I got my degree, what I learned — and it took a few years — is that I had gotten a degree in something even more powerful than product design, and that's design thinking," he said.

Learning to Think Outside the Box

In the tech business, the creative process is critically important because you're always anticipating customer needs to invent ideas and products that haven't been imagined before. That's where Templeton's NC State education served him well, he said.

"The core training at the School of Design was based on the technique of the Bauhaus school, which spends the first two years teaching you how to think outside the box," Templeton explained. "It erases the in-the-box training you've had through your primary education, and it takes you to a place where can get out of the box, look back at it, reframe the problem and reimagine the solution.

Once you've acquired that skill, you can defeat the most powerful force in the universe: the force of inertia."

NC State is also where Templeton first learned how to survive a setback — and how to see the value in it — by participating in design critiques.

"Very rarely did someone hit it out of the park and have the critique jury say this is the best thing they'd ever seen," he recalled. "It didn't work that way. The process was designed to poke holes in your thinking, to get you to think more deeply and innovatively. Sometimes people got upset because they would put everything they had into a presentation, only to see their work torn apart."

An older student told Templeton the way to get the most out of design critiques was to make sure you learn something from it that you can apply to your next project.

"That made a big impression on me in terms of my philosophy of life," he said. "It turned out to be a very useful philosophy in the tech industry, too. The idea of failing fast really matters. You try a business direction based on some idea; let the market provide the critique; then learn from that, pivot and improve the next time."

Transforming Citrix

After Templeton's demotion from the CEO post at Citrix, he didn't resign, as many of his well-meaning friends urged him to do. In his statement to the board of directors in which he accepted a lower-level job with the company, he said, "I drove us into this ditch, and I'm going to get us out."

He went on to do exactly that, which is why the board made him the CEO again less than a year later. In Templeton's two decades at Citrix, he led the company's growth from a \$15 million business with one product to a global powerhouse with annual revenues of over \$3 billion, 100 million users worldwide and 10,000 employees.

Today, Templeton is still putting his training in design thinking to use as an active board member of both public and private companies, advising entrepreneurial teams from startup to scale-up.

"The NC State idea of Think and Do captures the essence of the design thinking process," he said. "Sometimes I tell people that everyone should have a design degree. It sets you intellectually free."

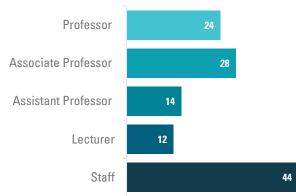
Who We Are: NC State's College of Design

Founded in 1948, The College of Design will celebrate its 75th anniversary in May of 2023. The college consists of four departments: architecture, art + design, graphic design & industrial design, and landscape architecture and environmental planning. Two interdisciplinary doctoral programs, the Ph.D. in Design and the Doctor of Design, provide advanced studies. The college currently offers 14 distinct degrees, and has a six-year graduation rate of 92% and a first-year retention rate of 96%, above the university averages of 85% and 94%, respectively.

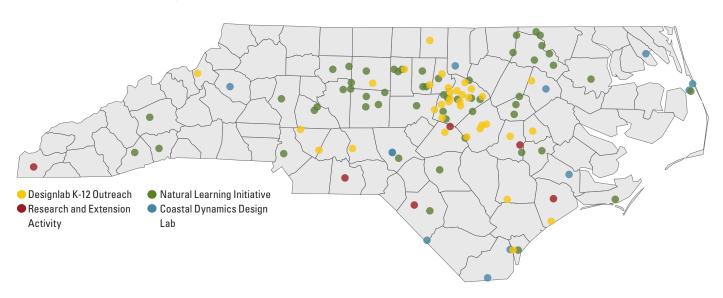
Research and Extension

The college has research and extension programs and labs throughout the state of North Carolina, fulfilling NC State's role as a land-grant institution. Faculty have secured over \$1.9 million in awards in 2020-2021, a 84% increase compared to 2015-2016. Research labs in the college include Affordable Housing and Sustainable Communities; Building Energy Technology (BETlab); Coastal Dynamics Design Lab; Daylighting and Building Systems Integration Lab; Experience Design Lab; Health Centered Design Lab; Mixed Reality Lab; Natural Learning Initiative; Research in Ergonomics and Design (RED) Lab; and the Visual Narrative Initiative.

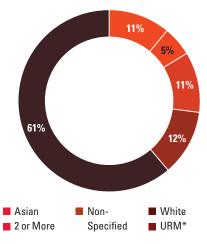
Faculty and Staff, 2021



College of Design Research and Extension in NC, 2017-2021

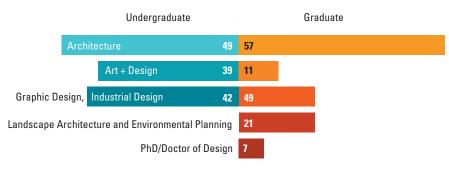


Ethnicity of Students, 2021



* URM stands for underrepresented minority and includes individuals who identify as Black, Hawaiian/Pacific Islander, Hispanic, and Native American/ Native Alaskan.

Student Degrees Awarded, 2021



Student Enrollment by Location, 2021

US States Countries NC Counties 1. North Carolina, 734 1. United States, 844 1. Wake, 286 2. Florida, 17 2. India. 28 2. Mecklenburg, 75 3. Virginia, 10 3. China, 7 3. Guilford, 44 4. South Carolina, 10 4. Iran. 7 4. Durham, 38 5. Maryland, Georgia and 5. Nepal, Taiwan, 5. Orange, 32 Pennyslyvania, 7 Bangladesh, 2

Top 10 States for Alumni:



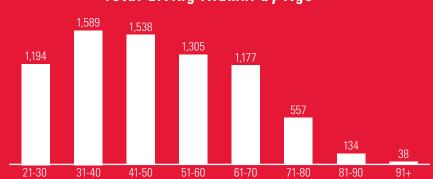
Pennsylvania

Top 10 NC Counties

1. Wake, 2,090

- 2. Mecklenburg, 398
- 3. Durham, 315 4. Orange, 209
- 5. Guilford, 200
- 6. Forsyth, 132 7. New Hanover, 119
- 8. Buncombe, 107
- 9. Alamance, 47 10. Pitt, 43

Total Living Alumni by Age



Degrees Awarded Since 1925



Architecture 4.398

Art + Design 1.023 Graphic Design Industrial Design 1.362 1.444

Architecture 1.316

PhD 90

Giving to the College of Design

Private support provides design students unparalleled opportunities for innovative learning and academic growth while preparing them for a bright future to live a Designlife. Every gift, no matter the size, has an impact on the faculty, staff, and students of the College of Design. There are many ways donors can support the college through a gift, whether through annual giving, creating an endowment or a lasting legacy of a planned gift.

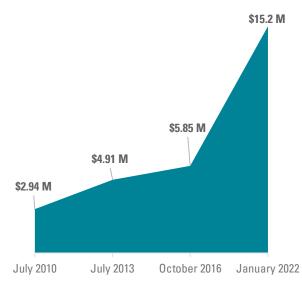
Here are a few ways to give:

- Cash Gifts can be made online, by phone, mail or wire transfer.
- Stock Gifts appreciated securities, such as stocks and bonds.
- Gifts-in-Kind including equipment, books and tools.
- Planned gifts including wills, trusts and retirement plans.

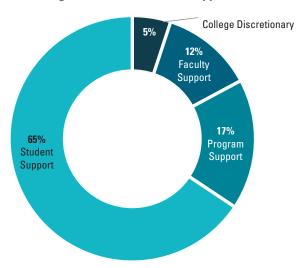
Key giving opportunities include:

- Creating an endowment for a scholarship, fellowship, professorship or other named priority.
- Creating a restricted fund.
- Supporting an existing fund, such as the Designlife Fund or the departmental funds for excellence.
- Supporting a special opportunity, such as Day of Giving or an event sponsorship.

Market Value of Design Endowments



Design Endowment Areas of Support





843

average number of gifts per year 2017-2021



77%

increase in gifts and new commitments 2017-2021



\$894

average annual gift amount 2021



56% of gifts went to the Designlife Fund 2017-2021



Volunteer Spotlight

By Chuck Flink

I remember as clearly as if it were yesterday, sitting in Burns Auditorium with Dean Malecha and the Leaders Council, discussing the upcoming university capital

The Dean announced a fundraising goal for the College as \$10 million. There was at first silence followed by collective disbelief among those present that we would satisfy the goal. The College had never raised more than a few million from alumni and external support.

A decade later, the College greatly exceeded those early stated goals. How did this happen? College alumni and friends have embraced a "culture of philanthropy." We better understand why it is important to give back, and the benefits that philanthropy delivers. We view it through the growth in permanently funded scholarships to offset the soaring costs of education.

We touch it when we walk through renovated buildings that are part of our expanded campus. We hear it when we attend thought provoking lectures from visiting practitioners. We witness it every day through the work of our extraordinary students, faculty, and staff. We are just getting started, and there is more to achieve. The Think and Do campaign was the just the beginning of transforming our College from good to great. Thank you for your generous support of the Campaign. Let's keep working together to achieve even loftier goals."

Charles "Chuck" Flink [BEDA '82, MLA '17] served on the university's Think and Do the Extraordinary Campaign Cabinet from 2012-2021 and is a current member of the college's Leaders Council fundraising committee. Pictured above with wife Marjorie.



Volunteer Leadership

The Leaders Council is a select group of outstanding alumni and friends of the college from across the country who have distinguished themselves in design. Leaders Council members promote the welfare of the college through advocacy, fundraising and service. Through member involvement and engagement, the Leaders Council advocates for design at NC State University and beyond.

The Leaders Council contains alumni, friends of the college and former and current parents. Alumni represent 79% of the board. Alumni represent all disciplines, with the largest representation from architecture and landscape architecture.

Members meet several times a year, both virtually and in-person and are active in standing committees. The majority live in North Carolina, but welcome interest from design professionals and industry partners from the United States and beyond.

Become a Leader

The Leaders Council is intentionally broadening its nominations process to attract a diverse and robust pool of design professionals and college advocates. As a member of the College of Design Leaders Council, you can expect to:

- Shape the future of one of the nation's highest-ranked public design colleges.
- Expand your professional network with other leaders in design.
- Support initiatives that resonate with your values.



Brian Leonard Believes in Design That Improves Lives

By Suzanne Wardle

Industrial Designer Brian Leonard often finds himself in debates about form versus function. But rather than focusing on how something looks, he's more concerned with how design can benefit people now and in the future.

"If we're just talking about the way a product looks, we're talking about the wrong thing," says Leonard, the recipient of this year's Distinguished Alumni Award and a member of the Leaders Council. "Design is connecting with customers and creating solutions to help improve their lives. The way it looks is just the cherry on top."

This philosophy guides Leonard in his role as vice president of design for Lenovo's PCs and smart devices. His career's roots lie in the College of Design, where he first fell in love with industrial design. He earned his bachelor's degree from the college in 1989 and his master's in 1991.

An internship at IBM during grad school sparked a lifelong interest in computers and technology — and in building brands. Working as a consultant helped reinforce to him the value of a brand.

"One day I was working on a blender, the next day I was working on a dollhouse," he says. "I was more interested in longevity — not just focusing on one object at a time but on families of products and how

we use design to build a brand over time."

Leonard has designed for household names such as Volvo, Rubbermaid, Electrolux, IBM and Dell. Currently he leads the global design team responsible

for all Lenovo products, including ThinkPad and Yoga devices and Legion gaming computers and accessories. The most important thing for a designer to do, Leonard says, is to think from the point of view of the user, whoever that may be.

"Designing for a child at school is very different from designing for a professional who is traveling around in airplanes or for a gamer," he says. "You have to walk in their shoes to understand their needs, wants, desires and pain points, so you can identify opportunities to improve their lives. That's the joy of design."

- BRIAN LEONARD

It's this kind of wisdom that Leonard hopes to pass



Top: Leonard with the Thinkpad notebook he designed. **Bottom:** Leonard at NC State's Evening of Stars with his wife Paula and parents, Barry and Regina Leonard.

on to budding designers at his alma mater. He joined the Leaders Council to help prepare students for their own careers and journeys.

"Part of being an experienced designer is understanding that we have a responsibility to give back, teach skills, share experiences and inspire young designers to go out and create a better future."

The First Year Class At a Glance

Fall 2021 Incoming Students by Major:



Undergraduate: 39 Graduate: 47



Art + Design Undergraduate: 28 Graduate: 11



Design Studies Undergraduate: 39



Graphic Design Undergraduate: 38

Graduate: 7



Ph.D. Program

Graduate: 2

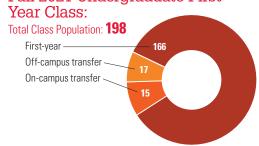


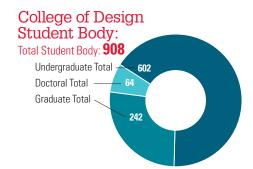
Doctor of Design Graduate: 4

Industrial Design Undergraduate: 22 Graduate: 17

Landscape Architecture Graduate: 24







*The numbers reflected here include both on-campus and internal transfers, which the Office of Institutional Research and Planning (OIRP) does not include when calculating student totals. Therefore, there is a slight discrepancy between the numbers represented here and the official numbers reported by NC State. Please note that in-state vs. out-of-state numbers do not include on-campus or internal transfer students.



Fall 2021 First Year Class by Location:



Undergraduate: 123 Graduate: 50



OUT-OF-STATE Undergraduate: 22 Graduate: 60



INTERNATIONAL Undergraduate: 3 Graduate: 7

NC State Facts:

NC State received over 32,907 applications and admitted 47.4% of the fall 2021 applicant pool. Admitted students in the final notification group represent 97 of North Carolina's 100 counties, 39 states, including the District of Columbia and Puerto Rico, and **37** countries.

- Total enrollment: 36,700
- Undergraduate enrollment: 24,960
- Graduate enrollment: 9,395



The College of Design is buzzing with

innovation as students and teachers alike discover new ways to mix creativity with technology. For one faculty member, that means taking clay craft to a new level by 3D printing ceramics.

Shawn Protz, assistant professor of architecture, digital technology, launched the studio course Architectural Ceramic Fabrication in fall 2021. The class combined art, technology and history: Students explored North Carolina's legacy in pottery and prepared local clay to go through a 3D printer. They also visited Seagrove, North Carolina, home to dozens of potters who've refined their craft in the state.

"We approached making printed 3D ceramics but in connection with North Carolina pottery and clay craft traditions," Protz said. "We kept in mind that, while we may be using digital tools, we were making something that has tactile qualities connected to material culture and place."

Throughout the semester, fifth-year student Yash Shah appreciated how all aspects in the course influenced one another.

"One of the best things about the class is that we did things responsibly," said Shah, who's graduating in May with a bachelor's degree in architecture. "We rooted our work in tradition and in history, and we saw how that fed back into this new, technology-driven process. There's a connection in everything we produced in the class."

Plastic is often the go-to material for 3D printers, but Protz wanted to examine how the robotic precision of a printer could control clay. He developed a script that can create custom objects then break them down into code that the 3D printer reads. The class experimented with variables of the ceramics process, including the type of clay, its water content, firing temperature and glazes.



Students printed vases and bowls as well as an architectural screen wall to install on campus.

"You can't defy gravity, and you can't defy what the clay wants to do, but you can add texture that's impossible to do by hand," Protz said. "That's not better or worse — it's just different. To do things in this process with such precision is pretty unique."

Before the course began, Shah worked with Protz to set up the machinery and test how well clays printed. He's interested in digital fabrication, and he enjoys combining logic and abstraction while creating something new. Experimenting with clay in the studio course was a perfect fit.

"It's fun because every time you do something, it's different," Shah said. "Every clay is different; every object you make is different. The process may be the same, but the end result is different."





Top: Protz in the ceramics lab, with the 3D printer on the left. Middle: Glazed and unglazed examples of iterative designs created on the printer. Bottom: Protz and Shah examine a dried piece before glazing.

In Memoriam



Richard Curtis [1946-2022]

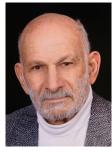
NC State alumnus Richard Curtis [EDP '72] revolutionized print journalism as the founding managing editor for design at USA

Today. He was the fastest typesetter in Technician history, and he became one of the most influential journalists of the 20th century.

Curtis, who died in 2022 after a prolonged battle with cancer, earned his place in the North Carolina Journalism and Media Hall of Fame with his creative ideas about bright design and a more concise style of writing, a forerunner of modern digital communications.

His studies were interrupted by a two-year stint in the U.S. Army's 82nd Airborne during the Vietnam War. He began his professional journalism career in Baltimore, Miami and St. Petersburg.

When Gannett developed USA Today in 1982 it became the first true national newspaper, using Curtis' bold ideas, particularly on the colorful U.S. weather map, which was almost always the secondmost viewed page after the front page. Among his other revolutionary ideas during his 27 years as director of photography and graphics were the use of more color pictures, making black-and-white competitors scramble to enliven their pages, and replacing narrative stories with brightly colored, informative graphics.



Charles Kahn [1926-2021]

Charles H. Kahn, FAIA, the first Dean of the University of Kansas School of Architecture & Urban Design, and one of the original architects

and engineers for NC State's Carter-Finley football stadium, died in April 2021 at 85.

Kahn served as a professor of engineering and architecture at NC State's School of Design under then Dean Henry Kamphoefner until being recruited to serve as the first dean of the KU architecture school from 1968 until 1981. He continued to teach at KU until his return to Chapel Hill, North Carolina in 1991.

At KU, Kahn not only designed a curriculum focused on a problem-solving, social approach to architecture, but also prioritized the recruitment of both students and faculty of color, for which he received a commendation from former students of KU's BLACKTECH, upon his advancement to the American Institute of Architects' (AIA) College of Fellows in 1983.

Although Kahn always considered himself first and foremost an educator, having developed an expertise in reinforced concrete, a direct outgrowth of his time in Rome with Nervi, Kahn had a private architecture practice and designed a number of notable structures, including NC State's Carter-Finley football stadium.



Steve Jenkins [1952-2020]

Steve Jenkins [EDV '74, MPD '77], an awardwinning children's book author and illustrator whose passion for science, as well as his

meticulous and vibrant cut-paper collages, brought the natural world to life, died in December 2021 at 69.

His books, often written with his wife Robin Page Jenkins [EDV '79], answered the sort of questions, posed by children (as well as still-curious grownups), about animals and the world around them. When his daughter Page was 2 or 3, she wondered why the houses and cars she saw out of an airplane window were so small. So Mr. Jenkins made a wordless book called "Looking Down" (1995), a visual journey from outer space to a child's backyard.

Mr. Jenkins's medium was paper: torn (a method good for fur) or sliced with an X-Acto knife, which he assembled so precisely that his images, like the delicate shading of a rhinoceros's baggy skin, looked as if he had painted them.

He used many kinds of paper to do so: marbleized paper; paste paper he made with Ms. Page (the paste's rich texture makes a vulture's black feathers pop); Japanese rice paper (for translucent creatures like jellyfish); bark paper (also good for fur); even butcher paper.

Over his long career, Mr. Jenkins illustrated, wrote

In Memoriam

and art-directed more than 50 books, many with Ms. Page; together they sold well over four million copies and were translated into 19 languages, including Catalan and Farsi. He also illustrated some 40 books for other authors. Among the many awards he received was a Caldecott Honor, one of the highest honors for illustration in children's books.



Carolyn Solomon [1942-2021]

Carolyn Sue Ugran Solomon [MPD '86] died in August 2021 at age 79.

Carolyn's passion was for design, one she

enriched through her travels and expressed in her surroundings and in her creations across multiple media. Legacies of her travels remain in a rich collection of representative art and crafts. Over the years, Carolyn mastered spinning and weaving, needlecraft and other fiber arts, pottery, painting and silk screen, three dimensional constructions, and clothing and costume making for her children. Her skills extended to other art forms including garden design, dance and fitness, and her passions included classical music, ballet, and historic preservation.

Carolyn used her skills in a range of volunteer work, including raising funds to provide fresh water sources to families living along the Peruvian Amazon. At home, she played a key role in the nonprofit that saved and restored Yates Mill, built in the 1750s and now the centerpiece of Historic Yates Mill County Park.



[1982-2022]

A graduate of Thomas Jefferson High School for Science and Technology & Duke University's Pratt School of Engineering, no one doubted Benhood's

ability in the STEM fields, engineering in particular. After graduating from Duke, Ben began working for CGI, applying himself & his knowledge to develop solutions for communities across the United States. He left CGI for a short time to earn his Master's in Architecture from NC State, demonstrating his range as well as his appreciation for both the smaller details in life and how all the little pieces can come together to become something great.

Ben loved to travel and took many opportunities to explore the world, traveling to three continents and countless countries. He was able to see many places, including Chefchaouen in Morocco, Machu Picchu and Cuzco in Peru, Basilica of the Sagrada Familia in Spain, and Jerónimos Monastery in Portugal (to name a few). And, unsurprisingly, over the course of all his travels, Ben made genuine connections with new friends all around the world.

Behnood Minachi Alumni who passed away in 2021-22

Alumna/us	Degree	Grad. Year
Carson H. Grantham Jr.	B.Arch.	1949
James L. Bennett	B.Arch.	1953
George J. Jernigan Jr.	B.Arch.	1955
Charles Kahn	B.Arch.	1956
Benjamin W. Gary Jr.	B.Arch.	1956
W. Taft Bradshaw	BLA	1957
Don H. Harms	B.Arch.	1957
G. Warren Vaughan	B.Arch.	1959
Charles T. Ackerman	M.Arch.	1960
Donald R. Chandler	B.Arch.	1960
William C. Nichols	B.Arch.	1961
James R. McVicker Jr.	B.Arch.	1962
A. Wayland Plaster	B.Arch.	1965
G. Walker Hagans	B.Arch.	1967
Thomas G. Martin	BLA	1968
James Lee Binkley	B.Arch.	1969
James L. Cox	B.Arch.	1970
Hall Crews Miller Jr.	BPD	1971
Richard A. Curtis	BPD	1972
Howard Jack Leister	MLA	1973
Robert Thomas Buck	MPD	1974
Archie W. Thompson	EDP	1976
Stephen W. Jenkins	MPD	1977
Judy Wright	EDP	1977
Kristine N. Dartnall	EDV	1979
Mac Newsom III	MLA	1982
Susanne M. Robicsek	BEDA	1982
Frank M. Williams II	B.Arch.	1985
Jack L. Scott	BEDA	1985
Carolyn U. Solomon	MPD	1986
Marsha L. Wyly	MLA	1986
Paul Joseph Klens	MLA	1988
Paula D. Shore	MLA	1989
Behnood Minachi	M.Arch.	2012



The celebration of our 75th Anniversary in 2023 comes at an important time for our community, for society, and for the world around us. As we look to the future with optimism and hope, we continue to reckon with urgent challenges that demand our attention — as well as our time and talent. This milestone gives us the opportunity to look back, but also to "think forward" and invite our community to come together to recognize all we have done and envision all that we can yet do to make a difference in the world.

The 75th Anniversary Celebration of the College of Design will:

- take measure of our past by producing a nuanced and complete history of the college and its graduates,
- appraise and celebrate the current role of the college, communicate its achievements within regional, national and international design communities and to the public, and
- **establish the inspirational grounding** for the future of design education.

Activities for 2023:

Events and activities will take place throughout the year, from January to December of 2023.



Alumni Engagement

Alumni will have opportunities to engage with the college through homecoming activities, alumni events, maker and family days, and regional events.



Digital Presence

75th anniversary will include a digital timeline, digital exhibitions, and recorded oral histories of past alumni, faculty, staff and friends.



Physical Artifacts

The digital presence around the The college will exhibit work by alumni and faculty, and create commemorative materials. including a special edition of the Designlife magazine.



Community Activities

Community activities will include service projects throughout the city and state, a Community Growth Conference in September 2022, and lecture series.



Foresighting Activities

Engagement activities that prompt users to consider paradigm shifts in design and design education and to encourage reflection on how to influence change needed to meet emerging demands of the future



1956: Dean Henry Kamphoefner attends the dedication of Brooks Hall in 1956.



1973: Cover of the Student Publication, 1973, to celebrate the 25th anniversary of the school.

Reflections and Actions

INSPIRATION FOR THE FUTURE

Left, 1997: Reflections and Actions, a publication celebrating the school's 50th anniversary, is released. Here, an excerpt from Robert Burns.

Below, 2008: See what the College was up to as we celebrated our 60th anniversary in 2008.

CELEBRATE! College of Design is 60









College of Design 60th Anniversary Forging the Future www.design.ncsu.edu/60

An expanded schedule of speakers, exhibitions and events this academic year celebrate the anniversary theme of "Forging the Future." Check the college calendar on the inside front cover of this issue for a



How can you narticinate? anniversary Web log.

- · WRITE a memory or an observation on the 60th
- NOMINATE a deserving alumnus or alumna for the DESIGNsmith designation (application inserted in this magazine and online)
- CONTACT your classmates and encourage them to come to the anniversary reunion (to be a class agent, E-mail design@ncsu.edu)
- RECALL your experiences at the College (School) of Design on videotape at an alumni reception or by appointment with the External Relations Office: 919.515.8320.
- SEND photos of your College of Design experiences to share on the Web site: design@ncsu.edu
- REGISTER for the 60th anniversary reunion weekend: April 3-4. Online registration availabl February 1, 2009.

TOTAL UST April 3-4, 2009

- The Anniversary Weekend will include
- · Studio tours Art auction
- Modern/Contemporary Architecture Bus Tou
- Special Speakers · Friday night event with DESIGNsmith recognition
- · 12th annual Design Guild Award Dinner student-designed and crafted product for every
- registered anniversary participant and more!

- & Planters IIP
- Tim Allen (BAD 1999, MID 2002) Adobe Systems Inc.
- Chuck Flink (BEDL 1982), Greenways Inc.
 - · Barbara Wiedemann (MPD 1991), North Carolina Museu
- . Tracy Spencer (BAD 2004), Empire Propertie
- Sean Hilliard (MID 2007), Tackle Design, Inc. Kristen Hess (BEDA 1996), HH Architectur

soon. Please watch your mailbox for information from Harris Direct on how to update your information and how to order a directory

What does "Forning the Future" mean? See the Bean's Message

CONNECT WITH THE COLLEGE

Stay connected with the College of Design. Whether you're analog, digital or somewhere in-between, learn about all of the ways our students Think and Do the Extraordinary.

ATTEND: Please join us on campus for an upcoming event, lecture or symposium. For a list of upcoming events, visit https://design.ncsu.edu/events.

GIVE: Private support provides design students unparalleled opportunities for innovative learning and academic growth while preparing them for a bright future to live a Designlife. Every gift, no matter the size, has an impact on the faculty, staff and students of the College of Design. There are many ways donors can support the College through a gift, whether through annual giving, creating an endowment or a lasting legacy of a planned gift. If you're interested in giving to the College of Design, visit https://design.ncsu.edu/give.

HIRE: We may be a little biased, but our graduates are some of the best in the business. Consider hiring our recent alumni as well as current students to provide experience both inside and outside the classroom.

UPDATE: Want to stay connected with the College of Design? We would love to hear about new projects, promotions, and awards. Email Christine Klocke at chklocke@ncsu.edu to share your good news with us. Want our newsletter or other publications? Visit http://go.ncsu.edu/design-news to sign up.

SHARE: We're a social bunch. Like, retweet and engage with @ncstatedesign on Facebook, Instagram and Twitter.

CONTACT:

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Things We Like

Paper Wearables Parade

Known as the Paper Wearables Parade, students modeled wings, horns, exoskeletons, Elizabethan ruffs,

spikes, armor, and veils — all created from simple white paper. The event marked the culmination of a six-week interdisciplinary studio intensive course for first-year design students aimed to spark creativity and challenge their approach to critical thinking.



Hallowed Places Collection

Junior graphic design student Carter Avayou designed the winning label for the Hallowed Places collection from local winery Shelton Vineyards. Shelton Vineyards partnered with NC State to create a series of officially licensed North Carolina wines, and a portion of all sales will support student scholarships at NC State.



Students Win Fentress Global Challenge

Third-year M.Arch. students Carmina Ferreras and Oluwarotimi Osiberu brought home the top prize from the 2021 Fentress Architects Global Challenge for their reimagining of a new airport in Yokohama, Japan which helps alleviate congestion at Tokyo International Airport. Together, they won first place in the main challenge, earning a \$15,000 prize, as well as first place in the People's Choice Award with an additional \$1,000 cash prize.