



THE UNIVERSITY OF ARIZONA

College of Architecture, Planning
& Landscape Architecture

RESILIENCE

College of Architecture, Planning and Landscape Architecture

2024 ANNUAL REPORT

Fiscal Year 2024/ Academic Year 2023-2024

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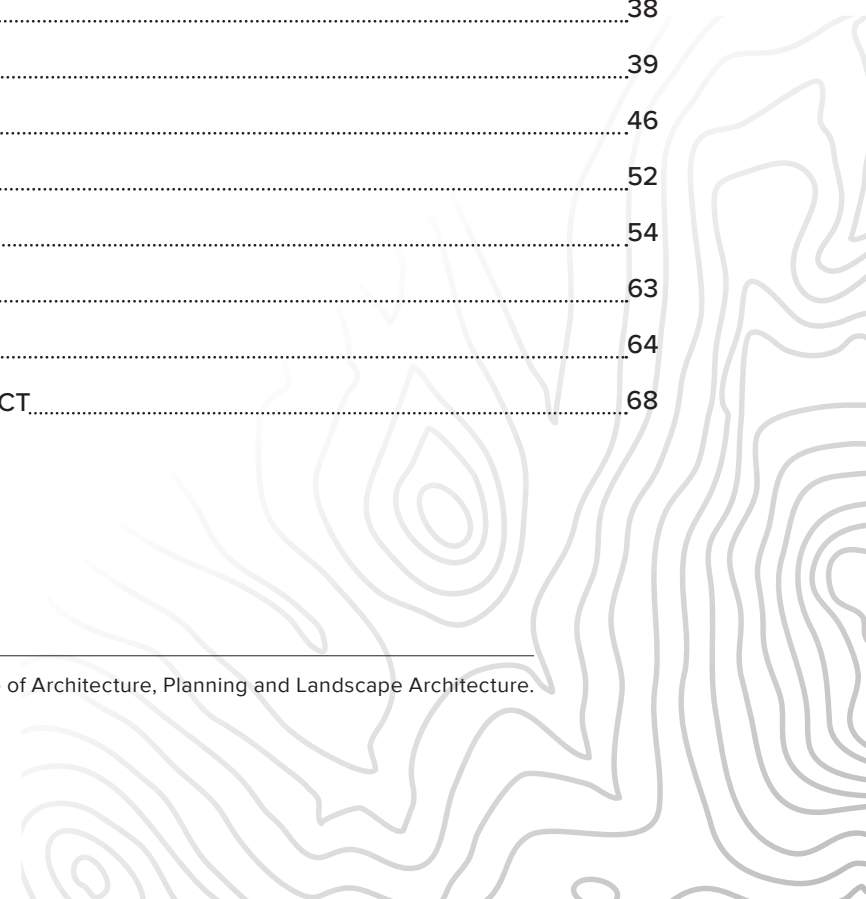
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(Cover) 2024 students outside of the College of Architecture, Planning and Landscape Architecture.

Photo © Arizona Daily Star.

(Left) CAPLA West Building.

CAPLA Photo.



BUILDING A BETTER WORLD

DEAN'S WELCOME



DEAR FRIENDS OF CAPLA,

As we present the 2024 Annual Report, I am filled with pride in the resilience, determination, and achievements of our CAPLA community. We celebrated our graduating class of 2024—a cohort who, in the face of the pandemic, demonstrated remarkable adaptability by shifting from in-person to virtual learning. Their journey has been a powerful example of how resilience shapes not only our work but our spirit as a college.

Our college also confronted financial challenges this year, but I am pleased to share that through the dedication and resourcefulness of our entire community, we met these challenges without losing any permanent faculty or staff.

This year also marked an important renewal of CAPLA's outreach mission. The Drachman Institute, our college's community-centered research arm, was reauthorized by the University of Arizona for another seven years. I am grateful to Drachman Institute Director Courtney Crosson and her team for their hard work in relaunching Drachman, a pillar of our college that strengthens our commitment to community engagement and social impact.

Research accomplishments across CAPLA have also reached new heights, with an unprecedented 36% increase in sponsored projects between fiscal years 2023 and 2024. Our faculty's remarkable dedication to advancing knowledge has propelled CAPLA's research funding from \$1.1 million in 2021 to over \$10 million this year, illustrating our growing influence in impact-driven innovation.

To ensure the continued growth and success of our college, we engaged in a comprehensive strategic planning process over the past year, setting clear actions and benchmarks for the future. This collaborative effort reaffirms our mission and vision: **To inspire and prepare creators of environments that enrich People, Places, and our Planet.** With this vision guiding us, we are building a resilient future, empowering our students, faculty, and partners to contribute to a better world.

As you read through this report, I hope you share in our pride for the people and progress that make CAPLA a unique and resilient leader in architecture, planning, and landscape architecture. Thank you for your continued support and partnership in our mission to shape a brighter, more resilient tomorrow.

A handwritten signature in black ink, appearing to read 'N. Pollock-Ellwand'. The signature is fluid and cursive, written over a faint, light-colored topographic map background.

Nancy Pollock-Ellwand
Dean and Professor

CAPLA STRATEGIC PLAN

For the past year, the CAPLA community was engaged in the development of a new strategic plan designed to guide and steer the college on a path for continued growth, research innovation and community impact. We invite you to track our progress over the year as we work toward completing key actions and activities within each of our five strategic priorities.

Follow our progress » capla.arizona.edu/strategic-plan

Our Strategic Priorities	
PUTTING PEOPLE FIRST	<p>We will promote a CAPLA culture based on trust, respect and mutual support, the pursuit of work-life balance, and opportunities for career advancement.</p> <ul style="list-style-type: none"> a) Improve faculty, staff, and student satisfaction through consistent communication, coordination, and collaboration. b) Strengthen onboarding, mentoring, and clarity of expectations for faculty and staff. c) Develop more and clearer pathways to career development for faculty and staff. d) Promote greater efficiency and effectiveness of committees.
DELIVER DIVERSE PEDAGOGY FOR A NEW ERA	<p>We will deliver an innovative curriculum tightly integrated with research and outreach that benefits our students, faculty, industries, and communities.</p> <ul style="list-style-type: none"> a) Foster interdisciplinary collaboration and innovation, co-learning, and integration of new theories, technologies and opportunities for research into the curriculum.
PREPARING FOR A CHANGING WORLD	<p>We will prepare our students to be well-rounded, with the necessary skills and experiences to become leaders in their professions and fields.</p> <ul style="list-style-type: none"> a) Increase our graduates' placement in work, advanced education, and leadership positions. b) Foster professional-student relationships to create forward-looking dialog and engagement with the profession based on broader activities and needs.
ADDRESSING GLOBAL CHALLENGES	<p>We will apply our distinctive regional expertise globally to create more environmentally and socially sustainable futures.</p> <ul style="list-style-type: none"> a) Become a leader in built environment research, embracing emerging perspectives, materials, and technologies. b) Identify and address challenges for communities in the Southwest and borderlands (including Indigenous and Hispanic), focusing on natural and built environment sustainability and equity topics. c) Integrate research priorities with development, outreach, student recruitment and retention.
STRENGTHENING ASSETS	<p>We will generate, support, and manage the financial, human and facility resources necessary to meet our mission.</p> <ul style="list-style-type: none"> a) Generate and manage resources that are aligned with CAPLA's purpose and mission. b) Ensure even greater transparency and clarity regarding management of CAPLA's resources. c) Promote agency and empathy in planning and decision making related to resource allocation.

OUR MISSION & VISION

To inspire and prepare creators of environments that enrich people, places, and our planet.

OUR VALUES

Aligned with the University of Arizona

Integrity

Be honest, respectful and just.

Compassion

Choose to care.

Exploration

Be insatiably curious.

Adaptation

Be open-minded and eager for what's next.

Inclusion

Harness the power of diversity.

Determination

Bear Down.

CAPLA INSPIRED VALUES

Excellence

Strive to do your best work.

Collaboration

Work across disciplines and communities.

Stewardship

Use resources ethically, fairly & humanely.

ACADEMIC YEAR 2023-24

SCHOOL OF ARCHITECTURE



Ryan E. Smith
School of Architecture Director
and Professor of Architecture

As a borderland institution located within a metro area with half the population Hispanic and a state that is home to 22 Tribes, the School of Architecture (SoA) aims to address social and environmental imbalances of our region and beyond through education, research and engagement.

In the spring of 2023, the school won first prize in two national housing competitions. Fourth-year B.Arch students, taught by Adjunct Lecturer and Solar Decathlon Advisor David Brubaker, took top honors in the national Department of Energy Solar Decathlon Design Challenge Competition. Additionally, an interdisciplinary team of undergraduate and graduate students won the 2024 national Bank of America Low-Income Housing Challenge. The students were advised by Senior Lecturer in Architecture and Urban Design Eduardo Guerrero and Assistant Professor of Real Estate Development Daniel Kuhlmann. SoA and CAPLA are leaders in affordable and resilient housing design.

The SoA completed a year of assessment and planning for the accreditation visit that will occur in Spring 2025. Changes to the B.Arch and M.Arch curriculum this past year include revisions to the building technology sequence with the addition of human factors and performance analysis content. Further, the B.Arch core sequence has added an existing conditions / adaptive reuse studio.

The SoA lecture series welcomed nine local, national and international lecturers on the theme *Contested Landscapes* this past year. This next academic year the lecture series theme is *The Architecture of Design* with eight speakers supported by our friends at AIA Southern Arizona and Jones Studio in Phoenix.

Looking Ahead

The School of Architecture (SoA) has developed a strategic plan for the Materials Lab. Through surveys and analysis of the lab's future, the school envisions the next evolution of its making and fabrication environment and curriculum, integrating other disciplines and departments. The culture of making remains strong, and design-build studios continue under new leadership. With Mary Hardin's recent retirement, Associate Professor Eric Weber now leads these studios.

The Architecture Student Advisory Council (ASAC) has also created a policy on teaching and learning culture. This policy states that the SoA believes the effectiveness of teachers, the success of students, the engagement of faculty, and the efficiency of administration and staff are all directly correlated to the health and strength of the culture that unites them.

Despite the challenges posed by budget reductions and increased workloads, the school is actively exploring ways to come together and continue providing an excellent professional education.



CABANILLAS, MOODAY, NELSON, PEREA, WEST



Faculty Appointments



Oscar Lopez, Senior Lecturer, has been appointed the Foundations Coordinator.



Jesus Robles, Assistant Professor of Practice, has been appointed as the Capstone Coordinator.

SCHOOL OF ARCHITECTURE FACULTY

AS OF FALL 2023

FACULTY BREAKDOWN

CAREER TRACK	18
NON-TENURE ELIGIBLE	20
TENURE ELIGIBLE	1
TENURED	10
TOTAL	49

FACULTY BY GENDER

FEMALE	19	38.8%
MALE	30	61.2%

FACULTY BY AGE

25-34	8	16.3%
35-44	14	28.6%
45-54	12	24.5%
55-59	5	10.2%
60-64	6	12.2%
65+	4	8.2%

FACULTY BY RACE/ETHNICITY

ASIAN	2	4.1%
BLACK OR AFRICAN AMERICAN	1	2.0%
HISPANIC OR LATINX	4	8.2%
INTERNATIONAL	3	6.1%
NOT REPORTED	2	4.1%
TWO OR MORE RACES	2	4.1%
WHITE	35	71.4%

(pictured above) Rendering of HARVEST MESA, Net-Zero Condominiums for the Hopi Tribe by the winners of the 2024 Department of Energy Solary Decathlon Design Challenge Competition.

ACADEMIC YEAR 2023-24

SCHOOL OF LANDSCAPE ARCHITECTURE AND PLANNING



Lauri Macmillan Johnson
School of Landscape
Architecture and Planning
Director and Professor of
Landscape Architecture

The School of Landscape Architecture and Planning had a productive year. Enrollment growth supported CAPLA's annual budget. We currently have over 600 students (including minors and certificates) with over 100 students in the Bachelor of Landscape Architecture that launched in 2020. The Sonoran Desert provides a laboratory for impactful teaching, research, and outreach that is globally transferable.

Nationally recognized federal awards highlight CAPLA's impactful research on critical issues in the natural and built environment, including climate change, housing security, water management, heritage conservation, and urban design. Many projects specifically address challenges faced by Hispanic and underserved communities in the arid Southwest.

Associate Professor of Urban Planning Ladd Keith will lead the Center for Heat Resilient Communities, a new federal initiative that will rely on University of Arizona research and scholarship to help communities across the U.S. create policies and take action to mitigate and manage extreme heat.

Our Bachelor of Sustainable Built Environments program received a successful 7-Year Academic Program Review. The program is offered globally online and at the U of A microcampus in La Universidad Peruana de Ciencias Aplicadas Peru.

Student research and design projects received recognition at the national level. A student team received a 2024 Student Honor Award in Research from the American Society of Landscape Architects. An interdisciplinary student team also won the 2024 Bank of America Low Income Housing Challenge. Congratulations to these students and their faculty mentors!

Faculty continue to enhance student engagement through service-learning and community-based research with local communities, United Nations refugees, tribal leaders, and international partners. For example, faculty and students worked with the Universidad de Sonora on sustainable urban development in Hermosillo, Mexico.

Looking Ahead

Future Cities, our study abroad program focused on smart city technologies, will bring students to Japan in summer 2025. The program, now in its third year, has also explored innovations in AI for urban planning and management in Amsterdam, Berlin, and Paris.

Finally, we look forward to the launch our new Bachelor of Science in Real Estate degree in fall 2025. I wish to acknowledge Professor Emeritus Gary Pivo for helping to develop the program. Throughout his tenure at the University of Arizona, he was a leader in the fields of urban planning and sustainable real estate development.



SCHOOL OF LANDSCAPE ARCHITECTURE AND PLANNING FACULTY AS OF FALL 2023

FACULTY BREAKDOWN

CAREER TRACK	12
NON-TENURE ELIGIBLE	12
TENURE ELIGIBLE	6
TENURED	6
TOTAL	36

FACULTY BY GENDER

FEMALE	16	44.4%
MALE	20	55.6%

FACULTY BY AGE

25-34	3	8.3%
35-44	19	52.8%
45-54	6	16.7%
55-59	2	5.6%
60-64	2	5.6%
65+	4	11.1%

FACULTY BY RACE/ETHNICITY

ASIAN	3	8.3%
BLACK OR AFRICAN AMERICAN	1	2.8%
HISPANIC OR LATINX	1	2.8%
INTERNATIONAL	2	5.6%
NOT REPORTED	3	8.3%
WHITE	26	72.2%

(pictured above) LAR301/LAR610 exhibition in the Sundt Gallery.
CAPLA Photo.

BACHELOR OF SCIENCE IN REAL ESTATE PROGRAM TO LAUNCH FALL 2025

New Degree Program Aimed at Shaping Ethical, Sustainable Real Estate Leaders in One of the Nation's Fastest-Growing Market

The University of Arizona College of Architecture, Planning and Landscape Architecture will launch Arizona's only Bachelor of Science in Real Estate program in fall 2025.

The Bachelor of Science in Real Estate comes at a crucial time for the growing real estate industry, which needs a new generation of professionals with a comprehensive understanding of design, urban planning, and real estate finance.

Daniel Kuhlmann, assistant professor of real estate development and urban planning, teaches courses in the undergraduate Minor and Master of Real Estate Development programs. Come fall, he will be among the faculty members welcoming the real estate class of 2029.

Kuhlmann said students in the program will be uniquely positioned within CAPLA because of the interdisciplinary nature of the curriculum.

“Unlike traditional real estate programs that focus solely on finance or design, CAPLA’s curriculum integrates a broad spectrum of disciplines,” Kuhlmann said. “This holistic approach ensures graduates are well-equipped to handle the multifaceted challenges facing the real estate industry.”

Moreover, students will explore the “triple bottom line,” a business framework that measures a firm’s social and environmental impact alongside its financial performance, rather than solely focusing on profit.



Daniel Kuhlmann
Assistant Professor of Real Estate Development and Planning

CAPLA NEW FACULTY, STAFF AND PROMOTIONS

At CAPLA, our faculty and staff bring not only expertise, innovation, and energy but also a deep commitment to our students and community. Join us in welcoming our new team members and celebrating the achievements of those who have promoted or recently retired, recognizing the impact each person has on building a vibrant, enduring future for our college.

New Lecturers and Adjunct Lecturers

School of Architecture

Cari Alcombright
Adjunct Lecturer

School of Landscape Architecture and Planning

Starr Herr-Cardillo
Adjunct Lecturer

Staff Promotions

Danielle Orozco
Grant & Contract
Administrator I

New Staff

CAPLA Administration

Lisa Schrenk
Acting Associate Dean
of Faculty Affairs
(For AY25) & Professor

Beth Weinstein
Acting Associate Dean
of Student Affairs
(For AY25) & Associate Professor

Min Woo Ahn
Post-doctoral Research Associate

Anne-Lise Boyer
Post-doctoral Research Associate

Eric Hubbard
Research/Laboratory Assistant

Jeffrey Javier
Director of Marketing & Communications

Jacob Klemm
Academic Advising Professional IV

Julie Reed
Academic Advisor IV

Promotions

School of Landscape Architecture & Planning



Ladd Keith
Associate Professor



Shujuan Li
Professor



James Marian
Senior Lecturer

Retirements



Mary Hardin
Distinguished Professor
Emerita



Gary Pivo
Professor Emeritus



Sasha Wilson
Senior Academic Advisor

CAPLA AWARDS AND ACCOLADES

2023 American Institute of Architects (AIA) Arizona Design Awards



Michael Kothke
AIA Design Pedagogy Award



Laura Carr and ARC 510E Students
AIA Community Design Award



Oscar Lopez
AIA Merit Award for Interior Architecture



Teresa Rosano
AIA Educator of the Year Award

Faculty Stand Out in Tucson's Casita Model Plan Competition for Innovative Housing Solutions

Faculty members were recognized in the Casita Model Plan Competition—a strategic initiative by the City of Tucson, funded through the AARP 2023 Community Challenge grant, to address housing challenges.

The competition, open to architects, engineers, designers, builders, contractors, design-build teams, and students, included an engaging three-week public voting period, attracting over 1,400 votes for 63 unique model designs. The jury, consisting of local architects, designers and builders, thoughtfully followed scoring guidelines to select the top 10 designs.

Notably, **Jonathan Bean's Tux2**, **Valerie Lane's Roost**, and the collaborative work of Anneliz Jordaan and Stefan Mostert on **Casita Sama** were among the top 10 designs chosen by the local jury. These winning designs earned recognition for their innovation, each receiving a \$1,000 prize along with waived building review fees. Beyond individual accomplishments, these faculty-designed models are poised to shape Tucson's housing landscape.

Featured in the Casita Model Plan Library—an online repository of pre-approved model plans—these designs will serve as inspiration for future Accessory Dwelling Unit (ADU) projects and offer a streamlined pathway for builders. The success of CAPLA faculty members in the Casita Model Plan Competition underscores their commitment to providing innovative solutions to Tucson's housing challenges through community-driven initiatives.

(right) Casita Sama was one of the top 10 designs selected for the Casita Model Plan Competition.



TERESA ROSANO WINS PRESTIGIOUS GERALD J. SWANSON TEACHING EXCELLENCE AWARD

The University of Arizona has awarded **Teresa Rosano**, an assistant professor of practice in the School of Architecture within the College of Architecture, Planning and Landscape Architecture, the prestigious Gerald J. Swanson Prize for Teaching Excellence.

The award recognizes excellence in undergraduate teaching and was created through a gift from the Thomas R. Brown Foundation in honor of Gerald J. Swanson, professor emeritus of economics. The award includes a \$5,000 prize.

The awards are presented by the Office of the Provost, the W.A. Franke Honors College, the Graduate College, the Postdoctoral Affairs Office, and the GIFT Center at the University of Arizona Foundation.

Rosano earned her B.Arch from CAPLA in 1994 and co-founded Ibarra Rosano Design Architects in 1999. The firm has gained national recognition as one of Arizona's top design firms for its modern desert architecture. Rosano returned to CAPLA as an adjunct lecturer in 2011 and became an assistant professor of practice in 2018.

Exemplifying Excellence

As a faculty member, she has received several teaching awards. In 2023, she earned the AIA Arizona Educator of the Year Award and the U of A Margaret M. Briehl and Dennis T. Ray Five Star Faculty Award.

School of Architecture Director Ryan Smith has observed Rosano's teaching firsthand and noted her students' engagement in the coursework.

"She consistently and dedicatedly shares her love of architecture and her commitment to discipline with her students," he said. "She is inclusive, empathetic, and exemplifies excellence in practice and teaching."

Jordan West, a fourth-year architecture student, met Rosano in fall 2022.

"She approaches her instruction with enthusiasm and makes it a goal to make complex subjects engaging and relatable, fostering an inclusive environment where discussions are encouraged, and questions are welcomed without judgment," West said.

“*Teresa is the professor who reminds students why they want to be at CAPLA and a part of the architecture community.*”

– Ally Kwan '23



LAURA HOLLENGREEN HONORED WITH U OF A FACULTY SERVICE AWARD FOR 'SERVANT LEADERSHIP'

Laura Hollengreen, PhD, associate dean for academic affairs and associate professor in the School of Architecture, was awarded the University of Arizona Faculty Service Award in recognition of her empathetic leadership, transformative teaching and significant contributions to fostering an inclusive academic environment.

The award recognizes faculty who demonstrate significant leadership and impact in service activities that elevate the University in alignment with its mission and vision. A monetary award of \$7500 for research or professional development purposes is split among the number of awardees. This year, there were two.

“It’s wonderful to have one’s hard work recognized, no matter what—we all thrive on that appreciation,” Hollengreen said. “But I’d also like to say that the kind of service and administrative work I do is not done alone.”

Leading by Example

Among the qualities noted by Hollengreen’s colleagues, the consistent theme of servant leadership emerged. Nancy Pollock-Ellwand, dean of the College of Architecture, Planning and Landscape Architecture, specifically highlighted how Hollengreen prioritizes the development and well-being of others.

“Her dedication, empathy, and professionalism have made her an invaluable and trusted colleague,” Pollock-Ellwand said. “She leads by example and positively influences everyone around her. She is a true advocate for students, faculty and staff at every level.”

Ryan Smith, director of the School of Architecture, said Hollengreen is a crucial link between students and faculty, as well as the dean and directors in CAPLA.

“Whenever there is work to be done within the administrative team—regardless of whether it is conceptual or detailed, public or behind the scenes—Laura steps up to the challenge,” he said.

““ *Her dedication, empathy, and professionalism have made her an invaluable and trusted colleague.*”

– Nancy Pollock-Ellwand



(above) From left, Emme Mooday, Jedidiah Perea, Olivia Nelson, Pablo Cabanillas, Jordan West, and Adjunct Lecturer David Brubaker. The fourth-year architecture students clinched 1st place in the Attached Housing Division and was named the 2024 Design Challenge Grand Winner in the 2024 Department of Energy Solar Decathlon Design Challenge Competition.

Photo Credit: U.S. Department of Energy / Solar Decathlon

CAPLA TEAMS EXCEL IN SOLAR DECATHLON, CLINCHES GRAND WINNER

The University of Arizona College of Architecture, Planning and Landscape Architecture continues its streak of success in the Department of Energy Solar Decathlon Design Challenge Competition, with its three teams clinching prestigious awards and recognition, including the 2024 Design Challenge Grand Winner.

Hosted annually by the U.S. Department of Energy, the Solar Decathlon Design Challenge brings together students worldwide to present innovative, low-carbon building designs addressing climate resilience, embodied carbon, retrofitting existing buildings, community impact, and more.

This year, CAPLA teams, comprising fourth-year architecture students, competed alongside students from 93 other institutions representing 18 countries.

The Harvest Mesa team comprised of Pablo Cabanillas, Emme Mooday, Olivia Nelson, Jedidiah Perea, and Jordan West, clinched 1st place in the Attached Housing Division and was named the 2024 Design Challenge Grand Winner.

Collaborating with the Hopi Tribe, they designed 24 eco-friendly rowhouses integrating passive design techniques and a microgrid, promoting energy sovereignty for the community.

“I was shocked and overwhelmingly excited by the announcement,” Perea said. “Our team was jumping up and down. The other collegiate teams presented extremely well-done projects, making the announcement that much more meaningful.”

A second team comprised of Jeannell Hilton, Ashlea Hume, Colleen Barbanti, Chloe O’Hail, and Travis Reihner earned second place in the Multifamily Building Division.

The third team, competing in the Education Building Division, comprised Hamad Alajmi, Khaled Alenezi, Jelani Hampton, Christian MacKay, Alexio Mora, and Nikita Rafikov. They were among the top ten finalists in the international competition.

A common theme across the CAPLA team projects was their collaboration with the Hopi Tribe, facilitated through the Native Peoples Design Coalition. The coalition, housed within the Drachman Institute and led by CAPLA Senior Lecturer **Laura Carr**, reached out to Adjunct Lecturer and Solar Decathlon Advisor **David Brubaker** to facilitate the partnership.



(above) TAWA'OVI / Master Plan for a New Hopi Village

Noémie Despland-Lichtert receives ACSA Travel Grant for Emerging Faculty



Noémie Despland-Lichtert

Noémie Despland-Lichtert, a CAPLA Emerging Faculty Fellow and visiting assistant professor of architecture, is a recipient of the Association of Collegiate Schools of Architecture (ACSA) College of Distinguished Professors Travel Grants for Emerging Faculty. She shared her reaction to earning the award and her approach to research and practice.

Q: What does earning this award mean to you?

A: I am grateful and honored. I was presenting two papers this year at ACSA this spring so it is nice to receive support and recognition from the conference organizers.

Q: Can you discuss any innovative or unique projects or initiatives you've been involved in as a faculty member?

A: I just completed a small exhibition titled "Books that Matter", with the support of U of A CAPLA Liaison Librarian Paula Johnson. I selected a collection of recent books about Architecture, Design, and, Justice Equity, Diversity, and Inclusion.

Q: How do you bring your research and practice into your teaching?

A: I believe in the integration of teaching and research (including design research, i.e., practice) as a two-way stream. I bring my research and practice to my teaching, but I also encourage students to position themselves as scholars and practitioners.



Of the three CAPLA teams competing in the Bank of America Low-Income Housing Challenge, two teams—Sentinel Suns and Sonoran Horizon Development—advanced to the finals. CAPLA had previously reached the national finals in 2016, 2018, and 2019. This year, for the first time, two teams from the same college advanced to the finals, and one of them emerged as the winner.

Photo by Berenice Ramos

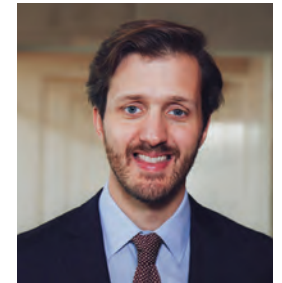
STUDENTS WIN NATIONAL BANK OF AMERICA LOW-INCOME HOUSING CHALLENGE

An interdisciplinary team of CAPLA undergraduate and graduate students won the national 2024 Bank of America Low-Income Housing Challenge.

Since its inception in 1992, Bank of America has held its Low-Income Housing Challenge, an annual competition that brings together university students from around the country to create forward-looking and feasible projects addressing all aspects of affordable housing development, including community needs, building design, and financing.



Eduardo Guerrero



Daniel Kuhlmann

“As the Tucson region grows, it’s imperative to scale quality affordable housing efforts, especially for much needed workforce housing,” said Adriana Kong Romero, Bank of America Tucson president. “It’s great to see students at the U of A helping to drive solutions for one of the community’s biggest challenges.”

The winning team, Sentinel Suns, comprised U of A architecture students Riley Cost, Souhayla Farag, Joshua Gonzalez, Louis Narcisi, Cameron Noble, Sasha Terpilovskaya, and Alyssa Fink. Jacob Schaffer, a Master of Real Estate student, provided real estate expertise for the team.

“Learning that we won the challenge was an incredible moment for all of us,” Schaffer said. “We poured countless hours into our proposal, and seeing our hard work recognized was both validating and inspiring.”

Their winning proposal, called Sentinel Vista, identified an undeveloped plot of land owned by the City of Tucson in Menlo Park, a historic district located between downtown Tucson and the Santa Cruz River to the east, and Sentinel Peak and Tumamoc Hill to the west, as their project site.

The success of the teams can be credited to their course advisors, **Eduardo Guerrero**, a senior lecturer of Architecture and Urban Design in the School of Architecture, and **Daniel Kuhlmann**, an assistant professor of Real Estate Development and Planning in the School of Landscape Architecture and Planning. Together, they helped foster a collaborative learning environment that benefited all the students in the challenge.



DUO HONORED WITH HISTORIC PRESERVATION AWARD FOR QUITOBAQUITO CULTURAL LANDSCAPE REPORT



Gina Chorover, a senior lecturer in Planning and Landscape Architecture and faculty chair of the Heritage Conservation certificate program, and Teresa DeKoker, an alumna of the Master of Landscape Architecture program, were recognized for their comprehensive analysis of the Quitobaquito landscape within Organ Pipe Cactus National Monument with a Tucson - Pima County Historical Commission Historic Preservation Award last May.

Quitobaquito is a unique and ecologically significant area located within Organ Pipe Cactus National Monument in southwestern Arizona, near the U.S.-Mexico border. A spring-fed oasis, it is one of the few perennial water sources in the arid Sonoran Desert with endangered fish and reptiles and abundant wildlife.

The Hia-Ced O'odham and Tohono O'odham have historical and cultural ties to the area, using it for water, food, and medicinal resources. The area also has several traditional trails, burial grounds, and archaeological sites.

Despite its cultural significance, Quitobaquito is not listed on the National Register of Historic Places. However, the United Nations declared Organ Pipe Cactus National Monument a Biosphere Reserve in 1976, and Congress designated 97 percent of Organ Pipe, including Quitobaquito, as a wilderness area.

Chorover and DeKoker worked on the project for three years, conducting field work at Quitobaquito and camping in the area to record data and their observations. Their efforts were encapsulated in a Cultural Landscape Report that serves as a management plan for the park.

(top left) From left, Teresa DeKoker '23, MLA and Gina Chorover, senior lecturer in Planning and Landscape Architecture and faculty chair of the Heritage Conservation Certificate Program received a Historic Preservation Award from the Tucson-Pima County Historical Commission during an award ceremony at San Pedro Chapel in May.

(bottom left) Quitobaquito landscape, within Organ Pipe Cactus National Monument in southern Arizona, is a vital site for indigenous peoples and endangered species.

Photo by Teresa DeKoker





MASTER OF SCIENCE IN URBAN PLANNING STUDENTS TRIUMPH IN HACK-A-HOUSE COMPETITION

A team of CAPLA Master of Science in Urban Planning students, which included Ash Avila, Drew Szentesy, Romina Narvaez, and Mike Campbell, secured a victory in the policy category at Hack-A-House 2023. They were joined by Wint Thu, a PhD candidate in Economics from the University of Arizona's Eller College of Management.

Hack-A-House is an annual 24-hour “hackathon” designed to engage students in proposing innovative solutions to address the housing affordability crisis. It is based out of the University of Utah.

"It sounded fun to engage in something academically competitive and apply our skills in a practical setting related to affordable housing," Szentesy said.

Campbell added, "The competition provided a valuable opportunity to 'stress test' my ability to translate acquired knowledge into meaningful outcomes."

Team “Affordable House Cats” proposed reforming state level property tax to allow municipalities to implement split rate land value tax, which would allow them to capture a greater value of the land itself over the improvement.

Prepared for Success

The group believes that their coursework at CAPLA prepared them well for success at Hack-A-House.

Atticus Jaramillo, assistant professor of planning and real estate development, advised the team and spoke of their accomplishments with great pride.

"This prestigious award demonstrates CAPLA planning students' expert understanding of the innovative solutions that are needed to equitably expand affordable housing opportunities for all," Jaramillo said.

(above) The "Affordable House Cats" team who placed during Hack-A-House 2023. From left to right: Mike Campbell, Romina Narvaez, Drew Szentesy and Ash Avila.

(right) Atticus Jaramillo Assistant Professor of Planning and Real Estate Development





(top) Master of Landscape Architecture students installed sensors at Rio Vista park. The students placed sensors in established trees in various urban typologies to use for comparison against trees planted in a controlled environment for their study.

(bottom) From left, Master of Landscape Architecture students Cordell Lee, Christian Aguilar Murrieta, and Annalise Hummel.

MLA STUDENTS HONORED WITH AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS AWARD IN RESEARCH CATEGORY

Master of Landscape Architecture students Annalise Hummel, Christian Aguilar Murrieta and Cordell Lee were honored by the American Society of Landscape Architects (ASLA) with an award in the Research Category for their project titled “**Smart Tree Watering in Southern Arizona’s Urban Environment.**”

The students were guided by **Dr. Bo Yang, Dr. Vanessa Buzzard, Grant McCormick, Dr. Shujuan Li and Dr. Douglas Loy** at the University of Arizona, as well as **Dr. Zhihua Wang and Dr. Tianfang Xu** at Arizona State University.

“It is a truly interdisciplinary endeavor that involves CAPLA, College of Agriculture, Life & Environmental Sciences, College of Engineering, College of Science and U of A Planning, Design & Construction, demonstrating CAPLA’s leadership in built environment research, learning and collaboration,” Yang said.

This year, ASLA received 382 eligible entries, of which 38 received awards. Each year, the ASLA Student Awards give the field a glimpse into the future of the profession.

The driving forces behind the project were the pressing issues of water shortages and extreme heat.

“It’s becoming increasingly important to combat these issues by increasing the urban tree canopy throughout Southern Arizona,” Hummel said. “Trees can provide low-cost cooling benefits on

an urban scale, and by demonstrating successful smart watering treatments, we are optimistic that urban communities in Southern Arizona can become greener and safer for everyone without using unnecessary amounts of precious water.”

The student team described the invaluable mentorship they received while crafting their award-winning product.

“These fantastic faculty advisors were eager to incorporate our feedback and ideas,” Hummel said. “Throughout every step of the process, our collaboration has been our strength.”

“It was because of Dr. Bo Yang and Dr. Vanessa Buzzard that our team was able to work so efficiently from the very creation of the tree plots, to the moment we hit the submit button for our ASLA presentation,” Lee said.

When asked what the students learned from the experience, they took the opportunity to highlight the power of diversity.

“Hearing all these voices from different backgrounds was a great learning experience for me,” Aguilar Murrieta said. “Now I can’t imagine working on a project by myself.”

SANDRA BERNAL NAMED 2023 DARRYL D. DOBRAS AWARD FOR EXCELLENCE RECIPIENT



College of Architecture, Planning and Landscape Architecture Lecturer and U of A Hispanic Serving Institution Fellow **Sandra Bernal** was awarded the Darryl D. Dobras Award for Excellence, CAPLA's highest annual honor for employees.

The award is named after 1972 Bachelor of Architecture graduate Darryl Dobras and is presented annually by Dean Nancy Pollock-Ellwand to recognize outstanding

achievements by faculty, staff and students of the college.

"Winning the 2023 Dobras Award means that I am supported and appreciated," Bernal said. "Reading our Dean's words and my colleagues' comments made me proud of my work. It has spotlighted aspects I would have never imagined made such a notable impact on someone else."

Bernal was hired in August of 2021 as a lecturer for both CAPLA and the College of Humanities. "She is a caring and effective instructor who has been willing to fill a variety of teaching roles across multiple programs including Architecture, Urban Planning, and Sustainable Built Environments," said Lauri Johnson, director of the School of Landscape Architecture and Planning.

Bernal provides faculty with assistance in developing and refreshing online courses in her role as the college Instructional Designer. She co-teaches the SBE capstone course that includes main campus, online and students at the Universidad Peruana de Ciencias Aplicadas located in Peru. She also developed an impactful online course entitled "Equitable Cities: Gender, Sexuality and Race" that is central to the college mission.





ENR2 Case Study Published in Landscape Performance Series

CAPLA's Kirk Dimond and Olivia Gilliam completed a case study on the University of Arizona's Environment and Natural Resources 2 Building (ENR2) that was published in the **Landscape Architecture Foundation (LAF)**'s award-winning **Landscape Performance Series**.

This online database includes over 190 exemplary landscape projects with quantified environmental, social and economic benefits.

Associate Professor of Landscape Architecture **Kirk Dimond** and MLA Candidate 2025 Olivia Gilliam worked with Allison Colwell of Colwell Shelor Landscape Architecture to better understand the environmental and social benefits of this uniquely integrated building and landscape.

Gilliam explains how working on this project enhanced her learning experience at CAPLA.

"I had the pleasure of getting my hands on some of ENR2's construction documents, planting plans, drainage plans, irrigation specifications, you name it," Gilliam said. "Even simply getting access and experience with all the nitty-gritty that goes into the planning and construction of a building and its landscape was invaluable."

It provided her with a glimpse into an area she never expected to explore.

"This experience definitely strayed from something I envisioned myself doing in the future," Gilliam said. "With it being a more investigative and research-based project, it was a nice juxtaposition to the design-centric landscape architecture coursework."

Dimond connected with Colwell through recent MLA graduate Krista Planinac, who had interned with Colwell's firm.

"Allison was great to work with and I appreciated her knowledge and insight on the project along with her motivation, kindness and attentiveness in working with Olivia and I," Dimond said. "I appreciated our interactions with her, especially for Olivia, as a current student, getting to see her personable example of leadership in the field."

Completed in 2015, the Environment and Natural Resources 2 Building (ENR2) is uniquely integrates landscape architecture within its structure.

DRACHMAN INSTITUTE

Since 1986, the Drachman Institute has been the community-focused research and outreach arm of CAPLA. In a recent testament to the institute's resilience, the University of Arizona's Office of Research, Innovation, and Impact has reauthorized the Drachman Institute for the next seven years!

The institute's mission is supported through four core initiatives:

ARIZONA RESEARCH CENTER FOR HOUSING EQUITY AND SUSTAINABILITY (ARCHES) AND HOUSEQ

- **“State of Housing in Arizona” Report:** Published by ARCHES, with a housing and water summit held in Phoenix in partnership with Arizona State University.
Lead: Assistant Professor Daniel Kuhlman (ARCHES Co-Director) and Lecturer Kenny Wong.
- **City of Tucson Partnership:**
An Intergovernmental Agreement with the City of Tucson for ongoing work with Planning and Development Services.
Lead: Lecturer Bill Mackey.

NATIVE PEOPLE'S DESIGN COALITION

- **Technical Assistance:** Provided to the students who competed in the U.S. Department of Energy Solar Decathlon and the Hopi Tribe, the Master of Science in Urban Planning studio, and courses LAR 301 and ARC 510.
Leads: Adjunct Lecturer David Brubaker, Associate Professor Kristina Currans, and Assistant Professor Kenneth Kokroko.

DRACHMAN DESIGN BUILD COALITION

- **St. Francis Shelter Minihome:** A capstone studio project in collaboration with Habitat for Humanity and the Tucson Hope Factory.
Leads: Assistant Professor of Practice Teresa Rosano, Research Coordinator Greg Veitch.

URBAN RESILIENCE LAB

- **NSF Civic Innovation Challenge Grant:** Research on Net Zero Urban Water and Urban Greening.
Leads: Drachman Institute Director Courtney Crosson, Assistant Professor Kenneth Kokroko, and other collaborators across campus.
- **Pima Prospers: Informing Pima County's 10 Year Comprehensive Plan Across Climate, Energy, Housing, Transportation, and Water:** A collaborative study on housing supply in the Pima region.
Leads: Postdoctoral Research Associate Rashi Bhushan, Associate Professor Kristina Currans, Drachman Institute Director Courtney Crosson, Assistant Professor Atticus Jaramillo, Associate Professor Ladd Keith, Assistant Professor Daniel Kuhlman, Postdoctoral Research Associate Malini Roy, and Assistant Professor Philip Stoker.

The Self Study Report can be found on the Drachman Institute website at drachmaninstitute.arizona.edu/about.

DRACHMAN INSTITUTE DIRECTOR COURTNEY CROSSON EARNS ACSA HONORABLE MENTION



Courtney Crosson

The Association for Collegiate Schools of Architecture (ACSA) has awarded Drachman Institute Director and Associate Professor **Courtney Crosson** with a Practice + Leadership Honorable Mention for the Relocalize Our Food project.

The ACSA announces these recipients annually as part of its Architectural Education Awards, recognizing exemplary work by architectural educators in areas such as building design, community collaborations, scholarship, and service.

“It is meaningful to receive the recognition of the multiyear partnership with county and community organizations as one example of the significant work we are doing at CAPLA and through the Drachman Institute,” Crosson said.

Relocalize Our Food is a public-private-academic partnership that involved multidisciplinary researchers, local government agencies, four community food-cultivation organizations, and ten fifth-year B.Arch students. The project was inspired by a need from Pima County to expand Tucson’s urban food system due to equity issues related to healthy and affordable food access in the region.

Thinking Holistically

The project helped educate Crosson’s students on the most efficient gains and opportunities for water reuse, emphasizing the connection between indoor and outdoor water use.

“Often these opportunities are lost on projects because the architect is focused on the building’s interior,” Crosson said. “It’s critical to train future architects to think holistically about a site and take responsibility for stewardship of both the site and site’s impact on the larger urban area.”

The research-design work revealed that over 100 percent of nutritional needs could be met with locally sustainable water sources if these typologies were implemented across the 711 acres of available municipal land in current food desert areas.

The project culminated in a public outdoor exhibition at Mission Garden, a large historic garden in Tucson featuring heritage fruit trees, traditional local heirloom crops, and edible Native plants.



The project discusses relocalizing urban food systems within sustainable water resources.

DRACHMAN INSTITUTE, REGIONAL PARTNERS CHARTS PATH TO NET ZERO URBAN WATER FUTURE

In a bid to confront the pressing challenges of water scarcity and sustainability in the southwest United States, a pivotal two-day workshop was held at the University of New Mexico. Its objective was to lay the groundwork for transitioning toward a Net Zero Urban Water (NZUW) future.

The event, “Achieving a Net Zero Urban Water Future Across the Southwest Annual Workshop on Public Preference,” was conducted with support from a National Science Foundation Research Coordination Network (RCN) grant, and brought together academics, water managers, and government officials from Albuquerque, Denver, Los Angeles, and Tucson – all regions serviced by the Colorado River.

The overarching goal of the RCN is to explore the feasibility and significance of embracing a NZUW approach in arid and semi-arid urban landscapes, where water resources are particularly scarce.

Rashi Bhushan, a postdoctoral research associate, is working on research aimed at achieving long-term water sustainability in the arid southwest as part of the Drachman Institute.

The workshop discussed important topics such as understanding what the public prefers when it comes to water, determining what research is still needed, and identifying how public opinion affects the use of new water-saving ideas.

As for next steps, the organizers want to write a comprehensive research paper with help from academic and utility partners. They'll share their findings in newsletters, reports, and at conferences.

(below) The NZUW research coordination network poses for a photograph at the recent workshop in Albuquerque. The group includes utility representatives and academic co-PIs from Tucson, Denver, Los Angeles, and Albuquerque.



ARCHES LAUNCHED TO ADDRESS HOUSING CHALLENGES FOR HISPANIC, UNDERSERVED COMMUNITIES IN ARIZONA

The Arizona Research Center for Housing Equity and Sustainability (ARCHES) launched in early 2024 with a mission to tackle housing security, climate resilience, and health disparities impacting Hispanic and underserved communities in Arizona and the broader Southwest.



Kenny Wong

Supported by a \$3 million HSI Center of Excellence grant from the Department of Housing and Urban Development (HUD), ARCHES aims to advance equitable and sustainable housing solutions by generating evidence-based research that informs public policy and community practices.

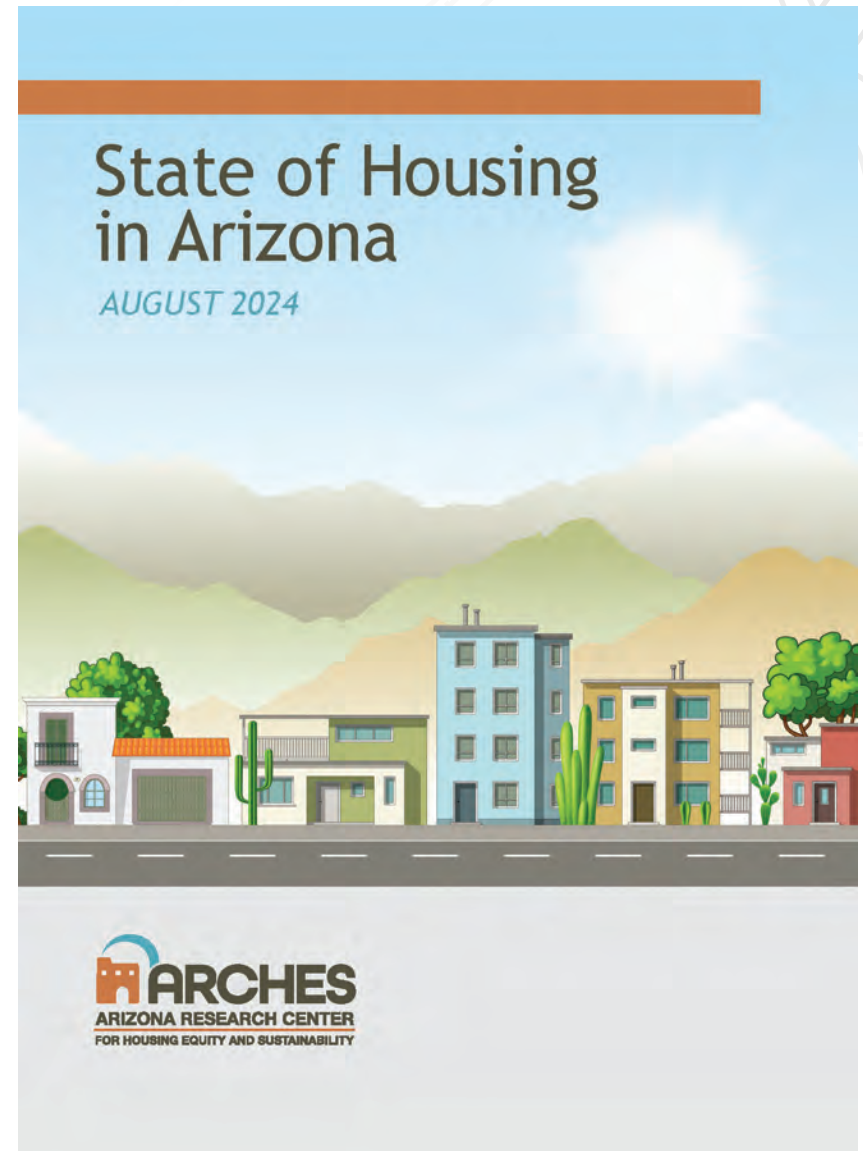
ARCHES operates through a joint partnership between Arizona State University's Morrison Institute for Public Policy and the U of A Drachman Institute. Co-directors Alison Cook-Davis of ASU and **Kenny Wong** of U of A lead the initiative.

Building Connections

The center's interdisciplinary collaboration extends across more than 20 researchers from Hispanic-Serving Institutions (HSIs) including ASU, UA, Northern Arizona University (NAU), and the University of New Mexico (UNM). Experts in fields like urban planning, public policy, architecture, geographical sciences, political science, economics, and real estate contribute diverse perspectives and solutions-focused approaches to the center's work.

Community partnerships are integral to ARCHES' mission, with local organizations like Chicanos Por La Causa, the Southwest Fair Housing Council, and Home Matters to Arizona playing key roles in both research and implementation. Additionally, an advisory board of stakeholders and experts will guide ARCHES' projects and long-term sustainability.

Guided by the metaphor of an "arch," ARCHES connects research across Arizona's three regents' universities (ASU, UA, NAU) and regional partner UNM, uniting efforts under its three main research pillars: housing security, climate resilience, and health. Over the next three years, the HUD grant will support more than 20 research projects in alignment with the HUD 2022-26 Strategic Plan.



THE ARCHITECTURE OF WELLBEING

**The Andrew Weil Center for Integrative
Medicine merges architecture and healing**



— The MIND building offers abundant natural sunlight and clear sightlines to beautiful views of the mountains and surrounding landscape and desert gardens.

Photo by Bradley Wheeler

Step into the Mind Building of the new Andrew Weil Center for Integrative Medicine, and the lines between the outdoor landscape and the built environment immediately blur.

Sunlight floods the main lobby through large windows on the north and south sides of the building, offering expansive views of the outdoors. Even the staircase leading to the second and third floors provides clear sightlines to the exterior.

Alumnus **Henry Tom**, FAIA, and principal of Line and Space along with his team of CAPLA alumni, led the architectural design of the Andrew Weil Center. The design philosophy aimed to address the unique needs of the faculty, clinicians, students, and staff. Tom and his team succeeded in aligning the building's design with Dr. Andrew Weil's integrative medicine philosophy, which emphasizes a holistic approach to health and wellness.

"Dr. Weil wanted a place they could call home and people would enjoy coming to, and they wanted an iconic building that said 'This is us. This is our mission. This is what we do,'" Tom said. "And so, the building reflects his philosophy and addresses those aspects of health and wellbeing."

Tom mentioned that the design process benefited from the input of an advisory committee.

Convened by **Dr. Esther Sternberg** at Dr. Weil's request, the committee included College of Architecture, Planning and Landscape Architecture Dean **Nancy Pollock-Ellwand**, Associate Professor **Altat Engineer**, and Associate Professor **Jonathan Bean**. Other members outside of CAPLA include

Kevin Kampschroer, then chief sustainability officer at the U.S. General Services Administration, Brian Gilligan, then deputy director of the Office of Federal High Performance Green Buildings, and several more subject experts from across the university.

"The new Andrew Weil Center for Integrative Medicine stands as a prime example of the healthy built environments envisioned by researchers from U of A's Institute on Place, Wellbeing, and Performance (IPWP), AWCIM, and CAPLA," said Engineer. "Drawing directly from their research, the center's design emphasizes natural light, enhanced ventilation, biophilic elements, and carefully crafted spatial layouts that foster collaboration and promote both productivity and well-being."

The Andrew Weil Center spans 30,000 square feet across three buildings, each designed to embody and promote whole-person wellness and the principles of integrative medicine. Each building represents an aspect of the whole person: mind, body, and spirit.

The center celebrated its grand opening in April 2024.

"I hope visitors enjoy the center, and that those who work here feel comfortable and excited to come to work every day," Tom said.

The Andrew Weil Center is the second building designed by Line and Space on the university campus, the first being the award-winning U of A Poetry Center.



Alumnus Henry Tom, FAIA, principal of Line and Space, led the architectural design of the Andrew Weil Center for Integrative Medicine with a team composed of CAPLA alumni.

RESEARCH + CREATIVE SCHOLARSHIP



Bo Yang
Associate Dean for Research and Professor of Landscape Architecture and Urban Planning

CAPLA has strong expertise in built environment research and tackles the grand challenges facing society today, from local to regional scales. Current research focuses on climate, water, housing, building science, transportation, real estate, heritage conservation, and other sustainable urban and rural development topics in the U.S. Southwest and beyond.

CAPLA's sponsored research grants and contracts increased from **\$2.6 million** in FY2021 to **\$7.6 million** in FY2024, an **increase of \$5 million (or 192%)** over three years. The college's strong and diverse research portfolio is sponsored by national and state agencies and foundations. Prominent federal agencies include the National Institutes of Health, National Oceanic and Atmospheric Administration, National Science Foundation, and U.S. Department of Energy.

Fiscal Year 2024

- CAPLA has **44 active research** projects led by faculty, including 15 projects awarded in FY 2024.
- Nearly **\$1.8 million in research expenditures** this year, a 23% increase compared with the previous year. Proposal success rate is 80%.
- The most recent news includes the creation of **U of A Center for Heat Resilience** led by Associate Professor Ladd Keith.

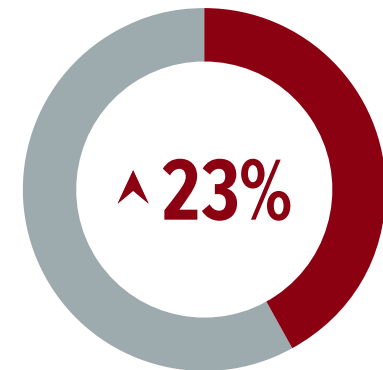
\$1.79M
IN RESEARCH
EXPENDITURES
in FY24



15
NEW
RESEARCH
PROJECTS
in FY24



44
ACTIVE
RESEARCH
PROJECTS
in FY24



**INCREASE IN RESEARCH
EXPENDITURES**
from FY23 to FY24

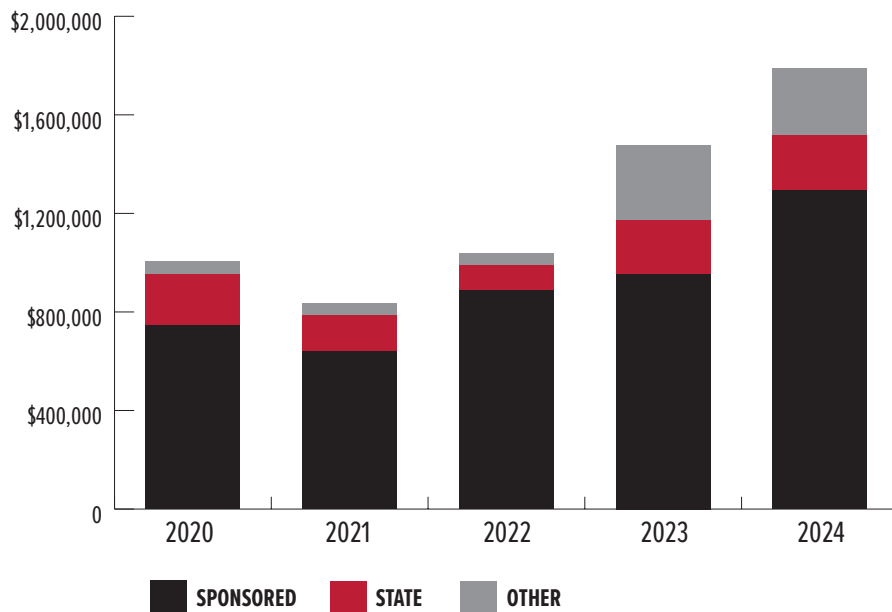
2024 Grassroots Research & Teaching Symposium

- Features 10 project presentations. 8 research grant projects, and 2 teaching grant projects.
- Presenters from both schools, including tenure-track, career-track faculty, and an Emerging Faculty Fellow.
- Projects in collaboration with multiple colleges and units on campus, including College of Information Science, College of Humanities, UA Libraries, College of Engineering, and College of Social and Behavioral Sciences.

CAPLA is a “college of collaborators”

A true partner in interdisciplinary collaboration, CAPLA researchers collaborate with nearly every college on campus. Frequent collaborators include College of Engineering, Mel & Enid Zuckerman College of Public Health, College of Agriculture, Life & Environmental Sciences, and College of Science. Additionally, with a faculty size of approximately 90 members, CAPLA has collaborations with more than 280 community and industry partners in research, teaching, and service, including professional organizations, educational institutions, firms, community organizations, and government/public agencies.

RESEARCH EXPENDITURES BY FUNDING SOURCE FY 2020-2024



RESEARCH EXPENDITURES BY FUNDING SOURCE

FUNDING SOURCE	FISCAL YEAR				
	2020	2021	2022	2023	2024
SPONSORED					
DIRECT COST	567,566	491,874	676,596	730,334	888,283
INDIRECT COST	175,831	146,564	211,820	223,730	405,154
TOTAL	743,397	638,438	888,416	954,064	1,293,437
STATE					
COST SHARING	71,841	44,951	15,501	98,263	19,805
FACULTY STARTUP	136,213	105,177	85,680	117,427	98,672
PROVOST INVESTMENT INITIATIVES					104,250
TOTAL	208,053	150,128	101,181	215,690	222,727
OTHER					
CAPLA GRASSROOTS INITIATIVES	17,393	6,520	36,980	45,256	37,037
DRACHMAN INSTITUTE (NON-SPONSORED)		13,907	11,495		
RII FACULTY STARTUP	34,341	7,500			
RII RESEARCH INITIATIVES	2,168	17,810	1,230	16,736	15,000
TECH RESEARCH INITIATIVES				223,806	220,825
TOTAL	53,902	45,737	49,705	285,799	272,862
GRAND TOTAL	1,005,353	834,302	1,039,302	1,455,552	1,789,025

NOTES:

- 1.) Cost Sharing activity is STATE funded but relates to Sponsored Project accounts.
- 2.) Sponsored activity is based on projects housed under CAPLA as the home department for the funding.
- 3.) The Office of Research, Innovation and Impact (RII) is an institutional unit at the University of Arizona.
- 4.) In Fiscal Year 2023 CAPLA was awarded a multi-year project with a total budget of \$520,129.

FEATURED PUBLICATIONS

INTERDISCIPLINARY AUTHORS DISCUSS INTERSECTION OF HEALTH AND THE BUILT ENVIRONMENT IN NEW BOOK

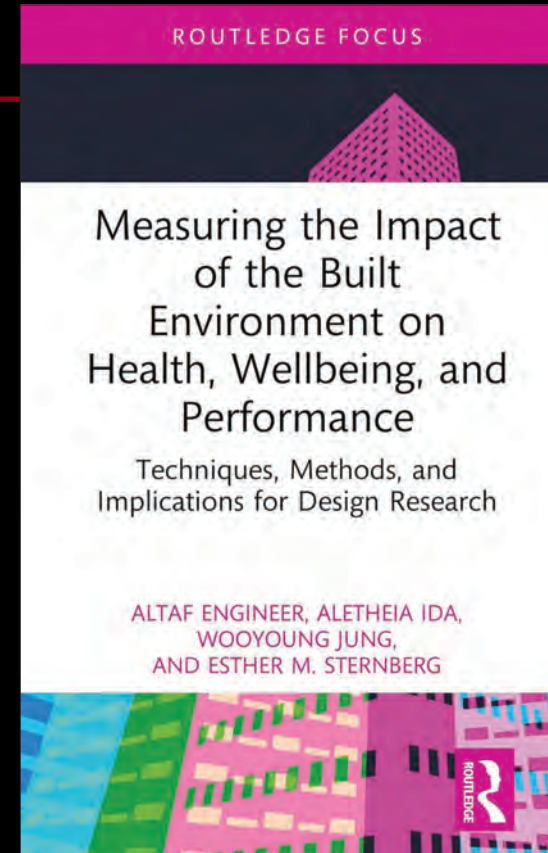
A new book co-authored by faculty members representing architecture, civil and architectural engineering, and integrative medicine is highlighting the impact of the built environment on human health and wellbeing.

Titled “Measuring the Impact of the Built Environment on Health, Wellbeing, and Performance: Techniques, Methods, and Implications for Design Research,” the book is authored by **Altaf Engineer**, PhD, an associate professor of architecture, CAPLA; **Aletheia Ida**, PhD, founder of Designing WELL; **Wooyoung Jung**, PhD, an assistant professor in the Department of Civil, Architectural Engineering & Mechanics; and **Esther Sternberg**, M.D., Research Director of the Andrew Weil Center for Integrative Medicine, Director of the U of A Institute on Place, Wellbeing & Performance, Endowed Andrew Weil Chair for Research in Integrative Medicine, Professor of Medicine, U of A College of Medicine, with joint appointments in the College of Architecture, Planning and Landscape Architecture.

The work explains how new technologies, such as wearable devices, environmental sensors, and embedded material sensors, can help measure stress, comfort, health, and employee performance in built environments like homes and offices. Moreover, the authors discuss how these innovative methods can assist employers in optimizing building designs to enhance the wellbeing of occupants.

The co-authors explore how health is influenced by the spaces we live and work in three parts. The first part, “Fundamentals,” examines the material measures for health and wellbeing for a human in the built environment. The second part, “Methods,” discusses the measurement tools, techniques and methodologies used to assess health and wellbeing. Lastly, “Applications,” delves into case studies and future implications for research and design.

“We envision this book being used by researchers, educators, students, but also professionals in architecture, interior design, integrative medicine and other related fields because all have a common vision to improve the health of occupants in buildings,” Engineer said.



ARCHITECTURE + CHOREOGRAPHY: COLLABORATIONS IN DANCE, SPACE AND TIME

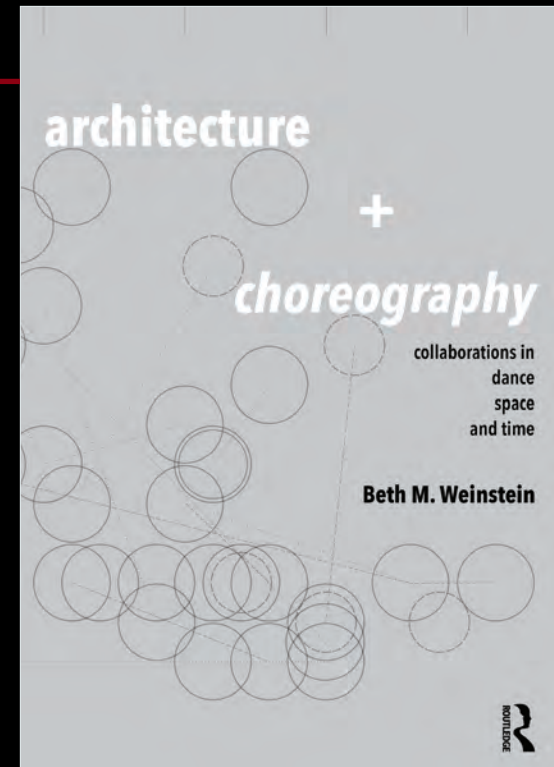
Written by **Beth Weinstein**, acting associate dean for academic affairs and associate professor of architecture, the book examines the field of archi-choreographic experiments—unique interdisciplinary encounters and performed events generated through collaborations between architects and choreographers.

Forty case studies spanning four decades give evidence of the range of motivations for embarking on these creative endeavors and diverse conceptual underpinnings, generative methods, objects of inquiry, and outcomes.

“Architecture and Choreography” builds histories and theories through which to examine these works, the contexts within, and processes through which the works emerged, and the critical questions they raise about ways to work together, sites and citations, ethics and equity, control and agency.

Three themes frame pairs of chapters. The first addresses disciplinarity through works that critically reflect upon their discipline’s tools, techniques, and conventions juxtaposed against projects that cite or use other art forms and cultural phenomena as source material. The second interrogates space and the role of spatial dispositifs, institutions, and sites, and their hidden and not-so-hidden conditions, as conceptual drivers and structures to subvert, trouble, unsettle, remember. The third asks who and what dances, finding a spectrum from mobilized architectural bodies to more than human cybarcorps. Modes of collaboration and the temporalities and life cycles of projects inform bookending chapters.

The book offers vital lessons not only for architects and choreographers but also for students and practitioners across design and performance fields.



OTHER SELECT FACULTY PUBLICATIONS

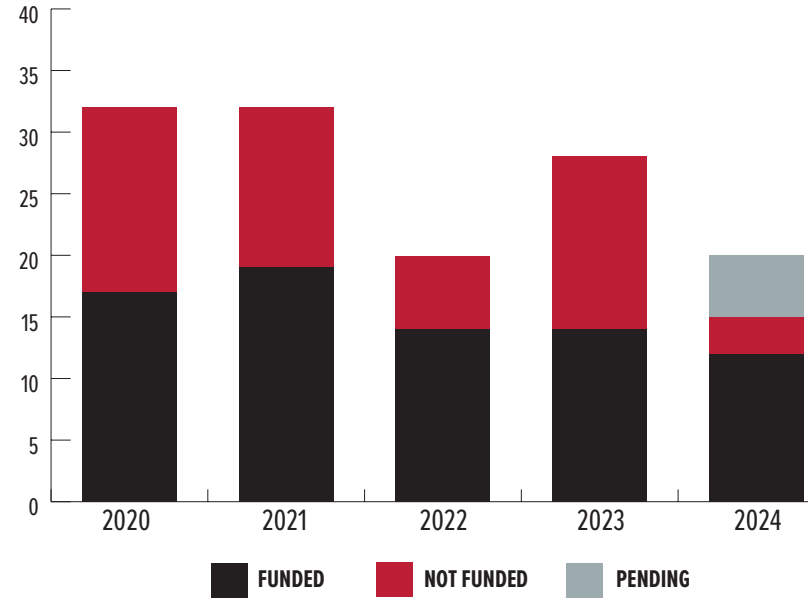
JOURNALS

<i>Journal of American Planning Association</i>	<i>World Weather Attribution Societal Impacts</i>
<i>Journal of Urban Affairs</i>	<i>Socio-Ecological Practice Research</i>
<i>Active Travel Studies</i>	<i>Housing and Society</i>
<i>Sustainable Cities and Societies</i>	<i>Housing Policy Debate</i>
<i>Cityscape</i>	

BOOK CHAPTERS, PROCEEDINGS AND REPORTS

- Public Housing Redevelopment & Service Modality Transitions. Urban Affairs Association*
- Improving Urban Heat Planning and Media Coverage of Extreme Heat - Tucson Urban Heat Island Workshop*
- Evaluating Urban Heat Mitigation Across Networks of Plans - American Collegiate Schools of Planning 2023 Annual Conference*
- Plenary Session – Community Engagement and Co-Design - 2023 Urban Integrated Field Laboratory (IFL) PI Meeting*
- Estimating Future Water Demand Under Different Growth Scenarios*
- Proceedings of the American Water Resources Association Specialty Conference*
- Proceedings of the 5th UEF and 59th ISOCARP World Planning Congress*
- Green waste to green architecture: optimizing urban tree systems for renewable construction material supply chains*
- Community-based learning for sustainable development: the case of the University of Arizona’s Community Garden Initiative*
- Proceedings of the Landscape Architecture Annual Conference*
- Emerging Scholars Symposium: New Voices in Expo Research. The Institute for the Study of International Expositions, Online.*

NEW PROPOSAL SUBMISSIONS BY FISCAL YEAR SUBMITTED WHERE CAPLA IS LEAD PI UNIT, 2020-2024



PROPOSAL STATUS	FISCAL YEAR SUBMITTED				
	2020	2021	2022	2023	2024
Funded	17	19	14	14	12
Not Funded	15	13	6	14	3
Pending	0	0	0	0	5
TOTAL	32	32	20	28	20
Funded Rate (%)	53%	59%	70%	50%	80%

NOTES:

1. The above proposals exclude any proposal where CAPLA isn't the lead PI unit but is involved with the proposal.
2. Funded Rate (%) in the above table is based on the following formula:
= Funded / (Funded + Rejected/Withdrawn/Deactivated)

RESEARCH HIGHLIGHTS

Sampling of Current Faculty Research Projects

1. Planning the 2025 Symposium on Building-Energy Research (SymBER)
Sponsor: RII Workshop Grant
PI: Jonathan Bean
2. Native People's Design Coalition
Sponsor: Provost Investment Funds Initiative
PI: Laura Carr
3. Design Typologies for Multi-Family Housing
Sponsor: HFHT (Habitat for Humanity)
PI: Courtney Crosson
4. Comprehensive Plan Update Policy Development Project
Sponsor: PIMA (Pima County, Arizona)
PI: Courtney Crosson
5. Multi-Use Basin Solutions for MS-4 Permitting in Tucson Across Three Areas
Sponsor: PCRFCDD (Pima County Regional Flood Control District)
PI: Courtney Crosson
6. Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Graduate Fellowship
Sponsor: FHA (Federal Highway Administration)
PI: Kristi Currans
7. Site Cycle: Critical Narrative Responsive Designs
Sponsor: CAPLA Grassroots Initiative
PI: Noémie Despland-Lichert
8. Understanding the Impact of Rental Assistance Demonstration (RAD) on Children in HUD-Assisted Households
Sponsor: Loma Linda University Medical Center
PI: Atticus A Jaramillo
9. Tucson House Resident Needs Assessment and Evaluation
Sponsor: U.S. Department of Housing and Urban Development
PI: Atticus A Jaramillo
10. Arizona Research Center for Housing Equity and Sustainability (ARCHES)
Sponsor: United States Department of Housing and Urban Development
PI: Daniel Kuhlmann
11. Toward an ethic of equity: A review of inclusive community engagement processes in landscape architecture practice
Sponsor: CAPLA Grassroots Initiative
PI: Kenneth Kokroko
12. Southwest Center on Resilience for Climate Change and Health (SCORCH)
Sponsor: NIEHS (National Institute of Environmental Health Sciences)
PI: Shujuan Li
13. Sensing Nature Sacred Place Use with DASH-Well: A Case Study of the Brooklyn Naval Cemetery Landscape
Sponsor: Nature Sacred
PI: Shujuan Li
14. Unified Development Code and Mini Home Village Development
Sponsor: U.S. Department of the Treasury
PI: Bill Mackey
15. First U.S. Symposium on Remembering Spaces of Internment
Sponsor: RII Workshop Grant
PI: Beth Weinstein



NEW FEDERALLY FUNDED CENTER WILL RELY ON U OF A EXPERTISE TO HELP COMMUNITIES MANAGE EXTREME HEAT



Ladd Keith

A new federal initiative will rely on University of Arizona research and scholarship to help communities across the U.S. create policies and take action to mitigate and manage extreme heat. The university's involvement in a new Center for Heat Resilient Communities will help translate climate research into policies and guidelines.

U of A and Arizona State University are partner institutions with the center, which is led by faculty and staff at the University of California, Los Angeles. A grant for \$2.25 million from the U.S. Department of Commerce and the National Oceanic and Atmospheric Administration will fund the center for the next three years, with about \$108,000 of that going to U of A. The funding comes from the National Integrated Heat Health Information System, a collaboration of federal agencies focused on addressing issues caused by extreme heat.

Ladd Keith, an associate professor and an expert in extreme heat governance and urban planning, will lead U of A's involvement in the center.

"What we'll do with the center is take the best practices that we've seen quickly develop in some places, take the best science and research being conducted and translate that into actionable policies that communities can do on the ground," said Keith, who is also a faculty research associate in the university's **Udall Center for Studies in Public Policy**.

For Keith, the Center for Heat Resilient Communities is the latest in a long line of efforts to help communities translate scientific research about extreme heat into action. Keith is also the lead U of A researcher on a \$25 million project, funded by the U.S. Department of Energy, to study the impacts of climate change on Arizona's urban areas. That project, called the **Southwest Urban Corridor Integrated Field Laboratory**, also includes researchers from the other state universities.

The new center will take this type of work beyond the state of Arizona, Keith said.

"The center provides the University of Arizona the opportunity to take what we do best as a land-grant institution and serve communities across the country," he said.

Craig Baker, marketing and communications lead for the Udall Center for Studies in Public Policy, contributed reporting to this article.

(left) The new center is launching at a "perfect time," as some government leaders prioritize plans, resources and people to address issues caused by rising heat.

By Kyle Mittan / University Communications

CAPLA IN THE NEWS

Dr. Esther Sternberg Discusses Office Design Impact on Wellbeing, Productivity

Esther Sternberg, author of “Well at Work: Creating Wellbeing in Any Workspace,” was featured in a recent episode of the “In Session: Leading the Judiciary” podcast series.

Dr. Sternberg is the director of the Institute on Place, Wellbeing and Performance within CAPLA and the research director at the Andrew Weil Center for Integrative Medicine.

In the podcast, Dr. Sternberg shares research on how our work environments impact our health and productivity. She also offers guidance on integrating the seven domains of health into workspace design: Sleep, Resilience, Movement, Relationships, Environment, Spirituality, and Nutrition. Together, these elements can foster healthier employees who are more focused, productive, and happier to be in the office.



ARCHES Co-Directors discuss ‘State of Housing in Arizona’ report with Arizona PBS

Arizona Research Center for Housing Equity and Sustainability (ARCHES) co-directors **Kenny Wong** from CAPLA’s Drachman Institute and **Alison Cook-Davis** of Arizona State University’s Morrison Institute for Public Policy discussed the newly launched “State of Housing in Arizona” report on the Arizona PBS show “Horizon.”

Published in August, the report provides an in-depth analysis of Arizona’s housing landscape, examining the factors driving change and emphasizing the need for effective policy solutions to address the state’s mounting housing crisis.

Asked about ARCHES’s main takeaway for the public, Wong emphasized:

“Our goal is to support housing initiatives and to provide solid data to help cities address the housing crises they face.”

ARCHES was established with the mission to serve as a central hub for housing research that intersects with issues of security, climate, and health in Arizona and the Southwest.



Lisa Schrenk named to “Forbes” Architecture Advisory Board

Lisa Schrenk, professor of architectural history, was named to serve on the “Forbes” Architecture Advisory Board.

Schrenk is one of 12 experienced designers and academics on the board that recognizes her expertise and leadership in architectural history and education.

The Forbes Architecture Advisory Board plays a crucial role in shaping the publication’s architectural content, particularly in the selection process for America’s Top 200 Residential Architects list. The board collaborates with the editorial team to evaluate and identify outstanding architectural firms across the United States.

Schrenk is a co-founder of the global Institute for the Study of International Expositions and has served as the former education director for the Frank Lloyd Wright Home and Studio Foundation. Her publications, including “The Oak Park Studio of Frank Lloyd Wright” and “Building a Century of Progress: The Architecture of Chicago’s 1933-34 World’s Fair,” highlight her contributions to understanding architectural innovation and heritage.



UNDERGRADUATE UNDERGRADUATE PROGRAMS

Resilient Leadership for the Future

We're thrilled to announce that the new Bachelor of Science in Real Estate will launch in fall 2025. This interdisciplinary program is designed to prepare future leaders to drive responsible and sustainable development, and we anticipate it will positively contribute to our existing undergraduate offerings and CAPLA's mission.

Alongside this anticipated addition, our Bachelor of Architecture, Bachelor of Landscape Architecture, and Bachelor of Science in Sustainable Built Environments programs continue to attract dedicated students who are eager to make an impact on the built environment.

As our programs expand, we are also enhancing our support services to meet the evolving needs of our students. CAPLA is pleased to welcome two new members to our Advising Team: Julie Reed, who joins us from the College of Engineering with years of advising experience, and Jacob Klemm, from the Eller College of Management, who brings valuable career development expertise. Both are dedicated to helping our students thrive as they pursue their academic and career goals within CAPLA.

Our enrollment continues to grow, reflecting an increasing number of students who see CAPLA as the ideal place to advance their education and prepare for impactful careers. This upward trend underscores the strength and appeal of our programs and reaffirms our commitment to fostering an educational environment that champions innovation, sustainability, and community impact.

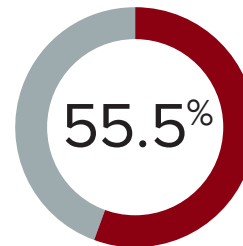
4 UNDERGRADUATE DEGREES

- Bachelor of Architecture
- Bachelor of Landscape Architecture
- Bachelor of Science in Real Estate
- Bachelor of Science in Sustainable Built Environments



4 UNDERGRADUATE MINORS

- Architectural History and Theory
- Landscape Architecture
- Real Estate Development
- Sustainable Built Environments

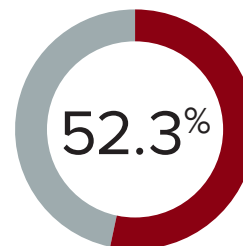


UNDERGRADUATE STUDENTS OF COLOR
Including international students

805
UNDERGRADUATE STUDENTS
506 B.Arch | 93 BLA
206 BS SBE



28 COUNTRIES
Represented in CAPLA undergraduate student body



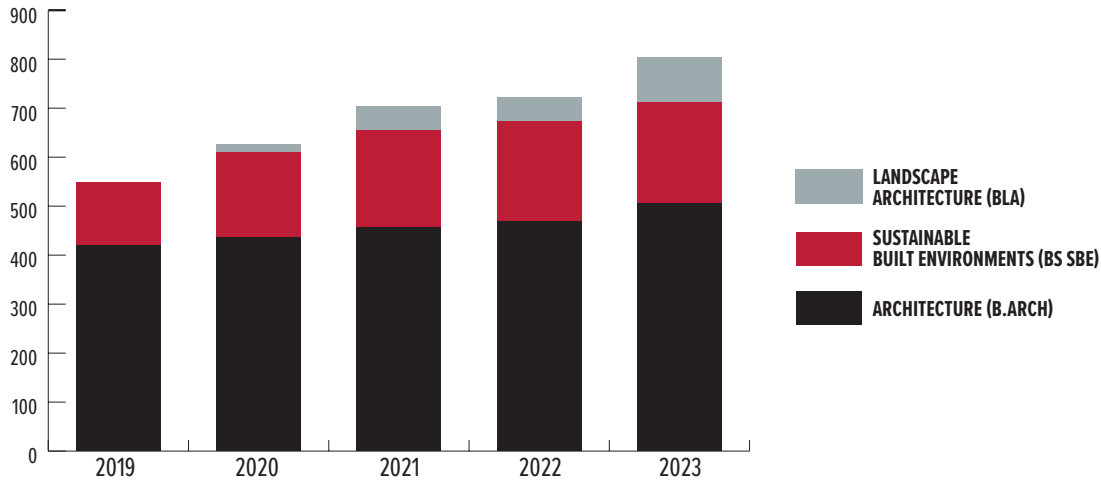
FEMALE UNDERGRADUATE STUDENTS

89
UNDERGRADUATE DEGREES GRANTED
in Fall 2023, Spring 2024
and Summer 2024
57 B.Arch | 8 BLA | 24 BS SBE



48 STATES
Represented in the CAPLA undergraduate student body

CAPLA UNDERGRADUATE STUDENTS BY PROGRAM 2019-2023

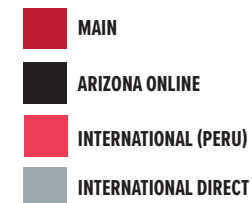
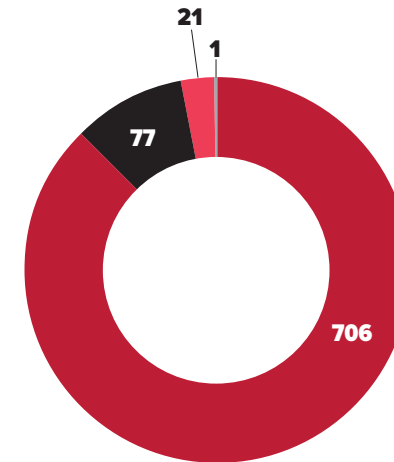


ACADEMIC PLAN	FALL SEMESTER				
	2019	2020	2021	2022	2023
ARCHITECTURE (B.ARCH)	420	436	456	468	506
LANDSCAPE ARCHITECTURE (BLA)		16	48	47	93
SUSTAINABLE BUILT ENVIRONMENTS (BS SBE)	130	174	199	206	206
TOTAL	550	626	703	721	805
Year Over Year Change (Headcount)		76	77	18	84
Year Over Year Change (%)		13.8%	12.3%	2.6%	11.7%

NOTES:

1. Data based on Fall Census date for each year (21st calendar day of fall semester).
2. In fall 2020 Pre-Architecture and B Arch were reorganized, resulting in the phaseout of the Pre-Architecture designation.
3. The growth in SBE enrollment is mainly due to the Arizona Online campus program (from 36 students in fall 2019 to 77 students in fall 2023) and the UPC Lima International microcampus program, which began in spring 2020.
4. In Spring 2023 the Landscape Architecture program saw a large number of students transfer into the program that resulted in total student enrollment of 67 as of Spring Census Date (not captured above for Fall 2022).

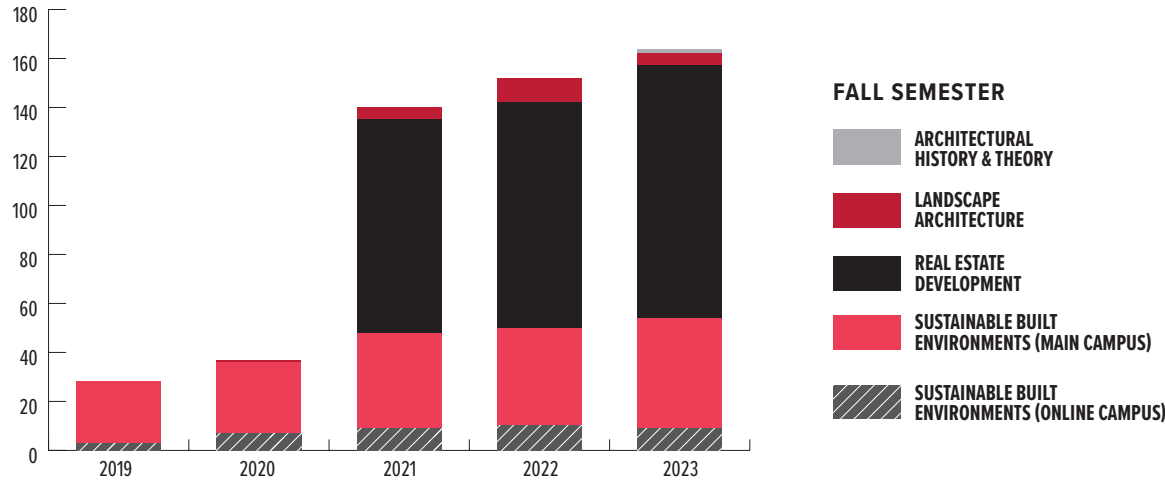
UNDERGRADUATE STUDENT ENROLLMENT BY CAMPUS FALL 2023



NOTES:

1. Data based on Fall Census date for each year (21st calendar day of fall semester).
2. The International Direct campus is for Arizona students taking fully online coursework from outside the U.S., but not through Arizona Online.

CAPLA UNDERGRADUATE MINOR ENROLLMENT 2019-2023



MINOR	FALL SEMESTER				
	2019	2020	2021	2022	2023
ARCHITECTURAL HISTORY & THEORY					2
LANDSCAPE ARCHITECTURE		1	5	10	5
REAL ESTATE DEVELOPMENT			87	92	103
SUSTAINABLE BUILT ENVIRONMENTS (MAIN CAMPUS)	25	29	39	40	45
SUSTAINABLE BUILT ENVIRONMENTS (ONLINE CAMPUS)	3	7	9	10	9
TOTAL	28	37	140	152	164

NOTES:

1. Data based on Fall Census date for each year (21st calendar day of Fall semester).

2. The Minor in Landscape Architecture launched in Fall 2020 and the Minor in Real Estate Development launched in Spring 2021.



B.Arch student provides insight for improving bike safety in Tucson

Cassidy Frost, a fourth-year Bachelor of Architecture student, was interviewed in an “Arizona Daily Star” article on how the city hopes to make cycling in Tucson both safer and more accessible.

“There have been many instances where cars have not given me enough space in the bike lane or turned right in front of me,” says Frost in the article. “The only reason I wasn’t hit was because I was aware of what was occurring.”

If Frost, a regular bike commuter and member of the U of A cycling team, has so many close calls, less experienced cyclists in Tucson are at even greater risk.

The article details the current struggles for cyclists and new, city-led initiatives designed to increase comfort, safety and accessibility for Tucson cyclists, such as the creation of additional bike boulevards.

In response to the threats to cyclists, the city launched the Move Tucson campaign in 2021. It aims to build a network of bike-friendly routes that can provide low-stress travel for cyclists regardless of their destination.



“ It was incredibly beautiful to see how everyone changed, from the first day attending the garden, nervous and scared, to the final celebration where everyone shared food, shook hands, danced, sang and laughed together, despite their differences and without an ounce of fear.”

– Gene King

STUDENTS COLLABORATE WITH ISKASHITAA REFUGEE NETWORK ON EXPERIENTIAL LEARNING GARDEN

College of Architecture, Planning and Landscape Architecture Sustainable Built Environments Lecturer **Nataliya Apanovich** partnered with Iskashitaa Refugee Network to create a study concerning issues among University of Arizona students and United Nation (UN) Refugees.

Apanovich's previous work with Iskashitaa Refugee Network allowed her to identify some similarities in the issues that both her students and United Nation refugees were facing.

"Over the past two years, I saw a lot of mental health struggles," she said. "I wanted to help, and I relied on what I knew and had done in the past – I took my students to work in a garden."

Iskashitaa Refugee Network is a nonprofit in Tucson, whose mission is to integrate UN refugees into the Southern Arizona community through innovative local food-based programming, like harvesting, food preservation and gardening. Iskashitaa provided informed experiences for students and introduced them to the diverse challenges refugees face. Through this collaboration, CAPLA students widened their worldview.

To make this study feasible, Apanovich and fellow Sustainable Built Environments Lecturer, **Garrett Smith**, applied for the Peter & Pat Hirschman University-Community Partnership Research Fund. They were the first recipients of the grant, meant to strengthen the connection between the University of Arizona and the local community.

With this funding, they were able to: hire students and Iskashitaa volunteers to assist with the project; offer stipends for participants; and provide materials and

resources to improve the area where the study took place. It also allowed them to pay community members to lead workshops on rainwater harvesting and composting, and for refugee chefs to prepare food for the participants. Part of the funding went to Jacob Davis, an Iskashitaa volunteer, who created a video documenting the experience.

This project, which took place over the course of 10 weeks, paired up 10 CAPLA students and 10 UN refugees to work in the Iskashitaa experiential learning garden. Each week, the pairs were assigned various tasks including garden maintenance, managing the compost system, weeding, planting seeds for the spring garden and harvesting winter produce.

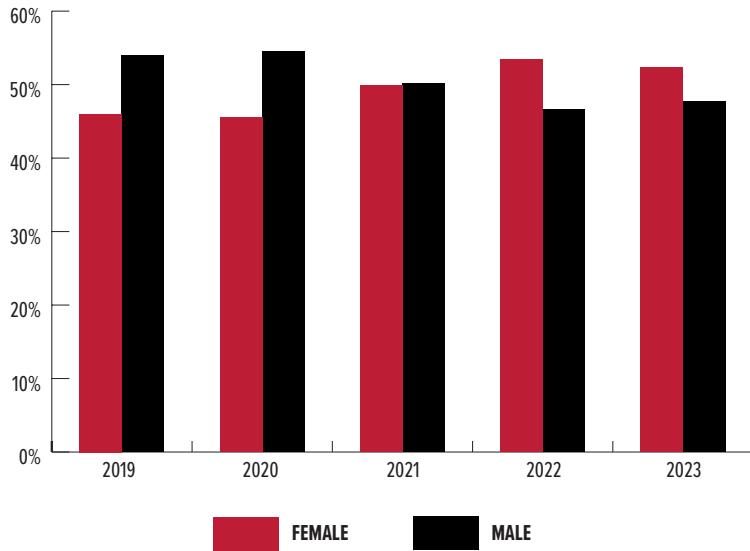
After working in the garden, participants enjoyed a breakfast prepared by local refugees, many of which were part of the project. Sharing breakfasts from Eritrea, Ukraine, Burundi, Syria, and The Democratic Republic of Congo encouraged community between refugees and students.

Apanovich is using these outcomes to redesign her future Introduction to Sustainability course to be a community-engaged experiential learning course.

"We hope to continue partnering with Iskashitaa through different projects and events," she said. "I think understanding and engaging with the community is valuable not only for our human well-being but also for the health of our planet."

(Left) The Iskashitaa Refugee Network is a Tucson nonprofit dedicated to integrating UN refugees into the Southern Arizona community through innovative, food-based programs such as harvesting, food preservation, and gardening.

UNDERGRADUATE STUDENT REPORTED GENDER FALL 2019-2023

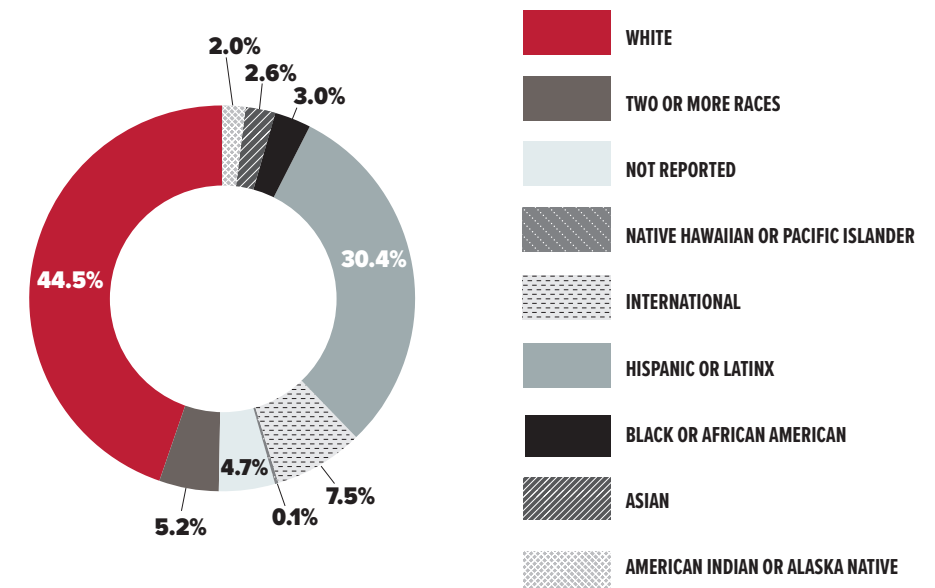


FALL SEMESTER					
GENDER	2019	2020	2021	2022	2023
FEMALE	46.0%	45.5%	49.9%	53.4%	52.3%
MALE	54.0%	54.5%	50.1%	46.6%	47.7%

Note

1. Data based on census date for each year (21st calendar day of Fall semester).

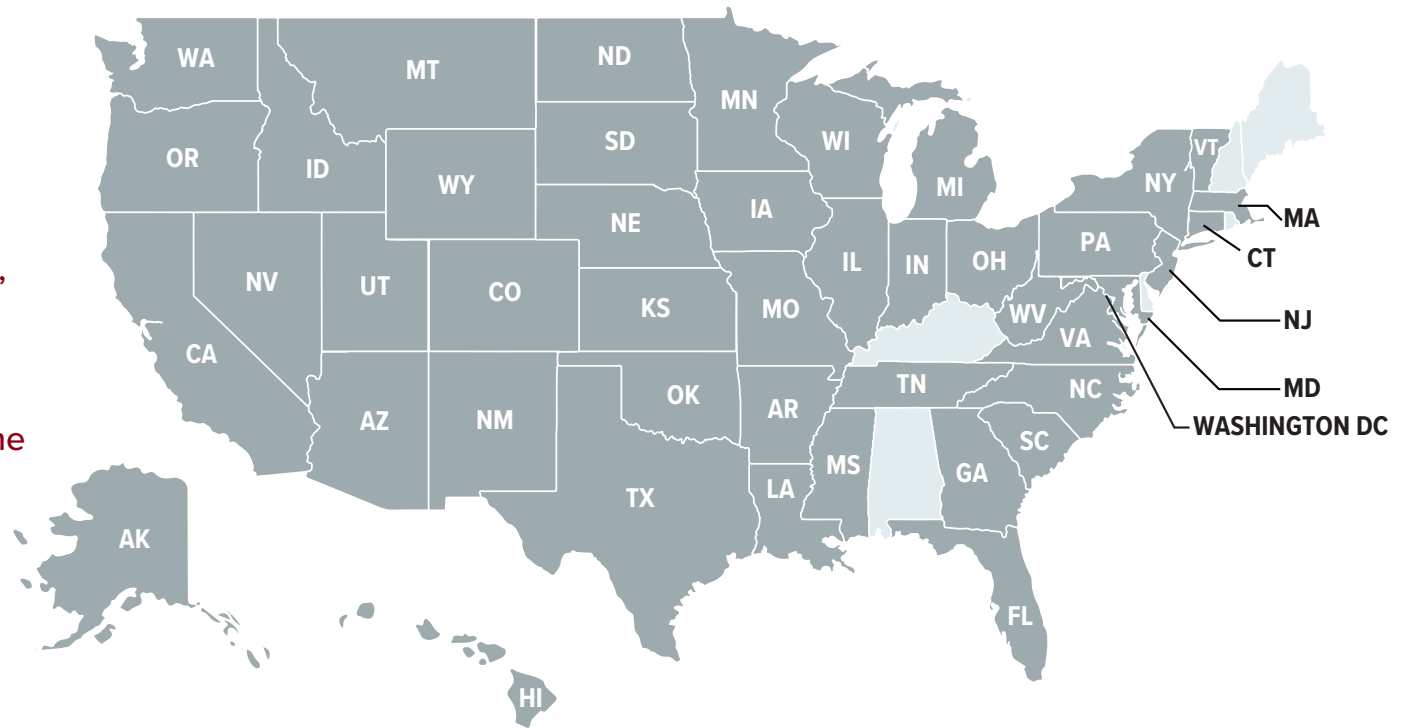
UNDERGRADUATE STUDENT RACE/ETHNICITY FALL 2023



FALL SEMESTER					
RACE/ETHNICITY	2019	2020	2021	2022	2023
American Indian or Alaska Native	1.6%	1.3%	0.9%	1.2%	2.0%
Asian	4.4%	3.8%	3.4%	3.5%	2.6%
Black or African American	3.1%	3.7%	2.7%	2.4%	3.0%
Hispanic or Latinx	26.5%	27.3%	27.6%	29.8%	30.4%
International	11.6%	8.6%	9.2%	8.3%	7.5%
Native Hawaiian or Other Pacific Islander	0.5%	0.6%	0.6%	0.6%	0.1%
Not reported	1.1%	5.1%	6.4%	4.6%	4.7%
Two or more races	4.4%	4.6%	4.4%	5.4%	5.2%
White	46.7%	44.9%	44.8%	44.2%	44.5%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%

Undergraduate Home State and Country Fall 2023

In Academic Year 2023-2024, our diverse undergraduates came from **45 states** and U.S. territories (including Arizona) and **28 countries** (including the United States).



STATES

Alaska	Maryland	Oklahoma
Arizona	Massachusetts	Oregon
Arkansas	Michigan	Pennsylvania
California	Minnesota	South Carolina
Colorado	Mississippi	South Dakota
Connecticut	Missouri	Tennessee
Florida	Montana	Texas
Georgia	Nebraska	Utah
Hawaii	Nevada	Vermont
Idaho	New Jersey	Virginia
Illinois	New Mexico	Washington
Indiana	New York	Washington, D.C.
Iowa	North Carolina	West Virginia
Kansas	North Dakota	Wisconsin
Louisiana	Ohio	Wyoming

COUNTRIES

Angola	Mexico
Azerbaijan	Myanmar
Bahrain	Nigeria
Brazil	Peru
Canada	Republic of Korea
Cayman Islands	Saudi Arabia
Chile	South Africa
China	Syrian Arab Republic
Haiti	Taiwan
Honduras	United Kingdom
India	United States
Japan	Uzbekistan
Jordan	Viet Nam
Kazakhstan	
Kuwait	

U.S. TERRITORIES/ OTHER

Armed Forces Overseas
American Samoa
Puerto Rico

GRADUATE PROGRAMS

Shaping Resilient Leaders for a Sustainable Future

Now more than ever, the world needs resilient design, development, and planning leaders who possess the expertise and innovation to navigate rapid environmental and cultural change. As communities and regions face increasing challenges, the ability to adapt and thrive becomes essential in building a sustainable future.

With diverse research, practice, and teaching perspectives, CAPLA faculty empower our graduate students in architecture, landscape architecture, real estate development, and urban planning to lead with resilience and vision in an uncertain future.

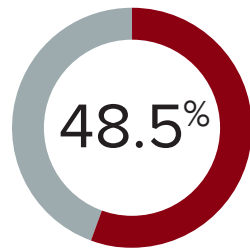
5 GRADUATE DEGREES

- Master of Architecture
- Master of Science in Architecture
- Master of Landscape Architecture
- Master of Real Estate Development
- Master of Science in Urban Planning



4 GRADUATE CERTIFICATES

- Heritage Conservation
- Real Estate Development Analysis
- Real Estate Development Finance
- Real Estate Development Practice



GRADUATE STUDENTS OF COLOR
Including international students

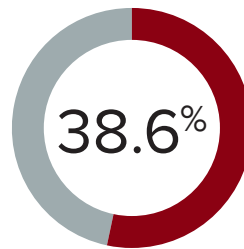
171
GRADUATE STUDENTS
31 M.Arch | 10 MS.Arch | 27 MLA
81 MRED | 22 MSUP

42
graduate research and teaching assistants



32 STATES
Represented in the CAPLA graduate student body

16 COUNTRIES
Represented in CAPLA graduate student body



FEMALE GRADUATE STUDENTS

93
GRADUATE DEGREES GRANTED
in Fall 2023, Spring 2024 and Summer 2024
9 M.Arch | 8 MS.Arch | 11 MLA
52 MRED | 13 MSUP



MSUP STUDENT ASH AVILA

Awarded Dwight D. Eisenhower Transportation Fellowship



Ash Avila, Master of Science in Urban Planning student, received the prestigious Dwight D. Eisenhower Transportation Fellowship.

The fellowship provides funds and educational opportunities for graduate students completing research in the field. It enhances the transportation workforce by attracting the brightest students and retaining high-caliber talent.

“I focus on more of the urban planning side of it, such as how transportation affects various people, especially when it comes to extreme heat,” Avila said.

Avila was connected to the transportation sector as a Bachelor of Science in Sustainable Built Environments student at CAPLA. She was a Transportation Research Board Minority Student Fellow for 2022.

Her work in that program was highlighted in an article presented at a conference of the National Academies.

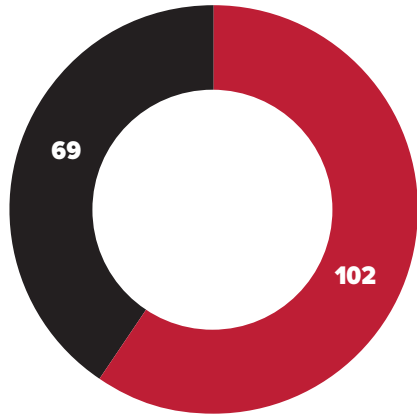
Avila credited Associate Professor of Urban Planning **Kristina Currans** with encouraging and aiding her during the application process.

“She helped me a lot during the process of applying and coming up with research questions and the proposal. It was fun to get to have a hands-on experience,” Avila said.

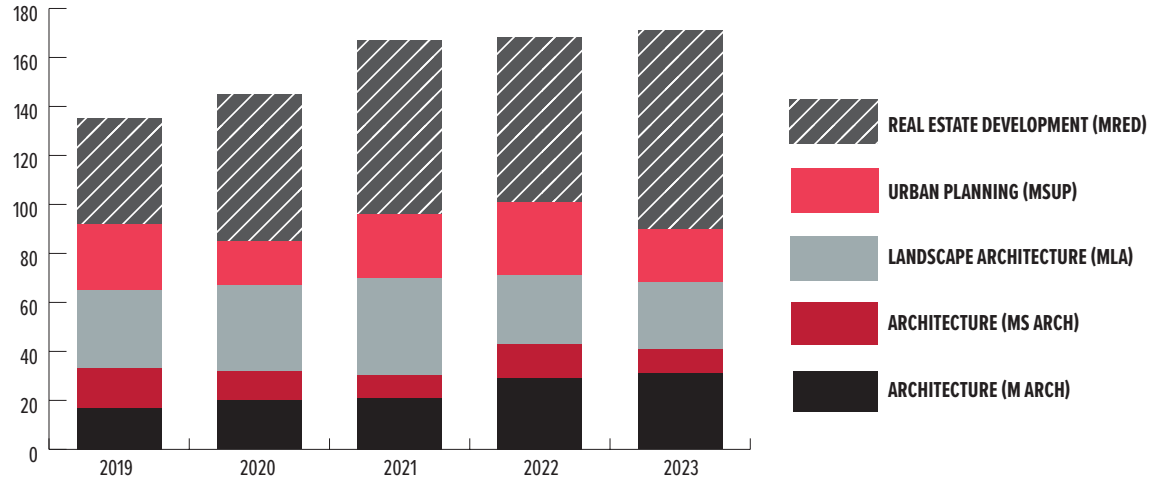
“She’s curious about the world around her, and she approaches her work with a keen focus on details,” Currans said. “I am so impressed by her self-initiated interest in making sense of questions, big and small.”



GRADUATE STUDENT ENROLLMENT BY CAMPUS FALL 2023



CAPLA GRADUATE STUDENTS BY PROGRAM 2019-2023



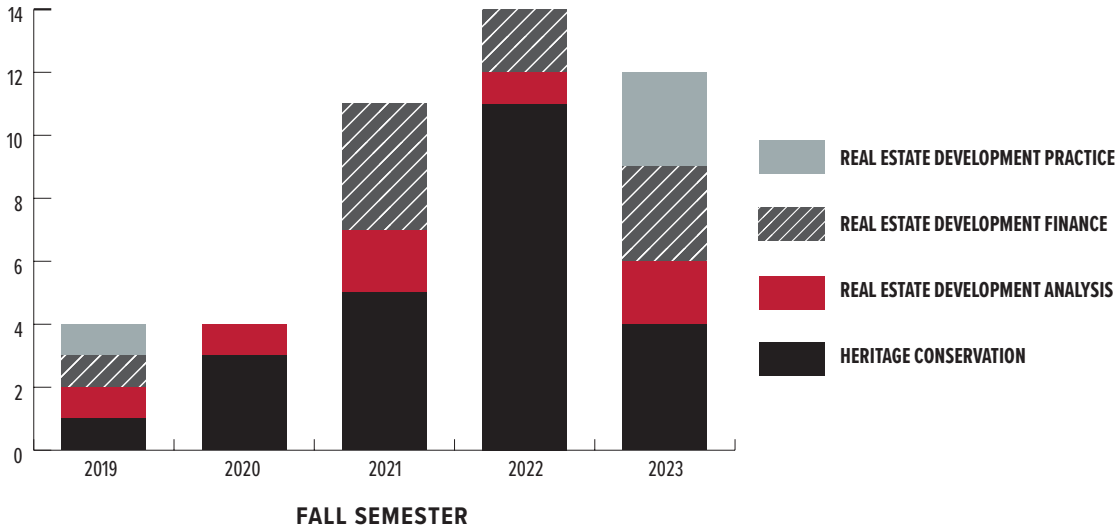
ACADEMIC PLAN	FALL SEMESTER				
	2019	2020	2021	2022	2023
ARCHITECTURE (M.ARCH)	17	20	21	29	31
ARCHITECTURE (MS.ARCH)	16	12	9	14	10
LANDSCAPE ARCHITECTURE (MLA)	32	35	40	28	27
URBAN PLANNING (MSUP)	27	18	26	30	22
REAL ESTATE DEVELOPMENT (MRED)	43	60	71	67	81
TOTAL	135	145	167	168	171
Year Over Year Change (Headcount)		10	22	1	3
Year Over Year Change (%)		7.4%	15.2%	0.6%	1.8%

NOTES:

1. Data based on Fall Census date for each year (21st calendar day of Fall semester).

2. The growth in MRED enrollment is mainly due to the online campus program (from 27 students in fall 2019 to 69 students in fall 2023).

CAPLA GRADUATE CERTIFICATE PROGRAM ENROLLMENT 2019-2023



GRADUATE CERTIFICATE	FALL SEMESTER				
	2019	2020	2021	2022	2023
HERITAGE CONSERVATION	1	3	5	11	4
REAL ESTATE DEVELOPMENT ANALYSIS	1	1	2	1	2
REAL ESTATE DEVELOPMENT FINANCE	1		4	2	3
REAL ESTATE DEVELOPMENT PRACTICE	1				3
TOTAL	4	4	11	14	12

NOTE:
1 Data based on Fall Census date for each year (21st calendar day of Fall semester).

A GIFT TO CAPLA THAT PAYS INCOME TO YOU?

Yes. U of A's Charitable Gift Annuity Program.

With the University of Arizona's Charitable Gift Annuity Program, you'll gain:

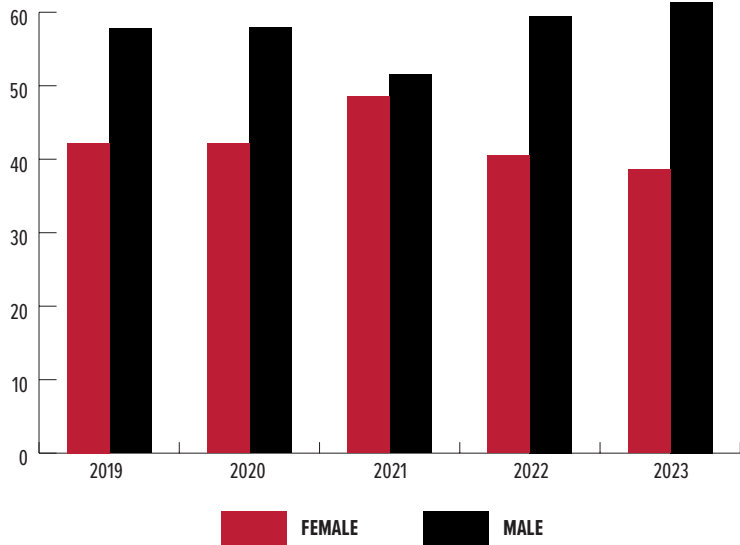
- **Steady Income:** Receive fixed, dependable payments for life.
- **Generosity with Purpose:** Support CAPLA and secure your financial future.
- **Tax Advantages:** Enjoy significant tax benefits while making a difference.
- **Peace of Mind:** Invest in a legacy that lasts.
- **True Impact:** Through your participation, we can achieve remarkable milestones in advancing our mission. Your Charitable Gift Annuities have powered initiatives that matter.

Ready to pay it forward, while paying yourself?

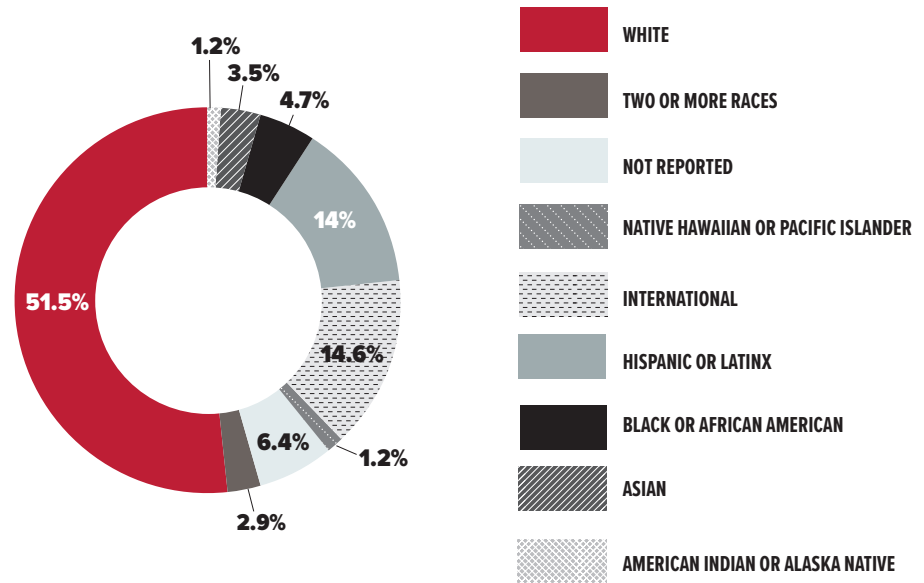
Contact Emilio Romero to discuss the power of planned giving to support the college and secure your legacy at the University of Arizona.

emilio.romero@uafoundation.org

GRADUATE STUDENT REPORTED GENDER FALL 2019-2023



GRADUATE STUDENT RACE/ETHNICITY FALL 2023



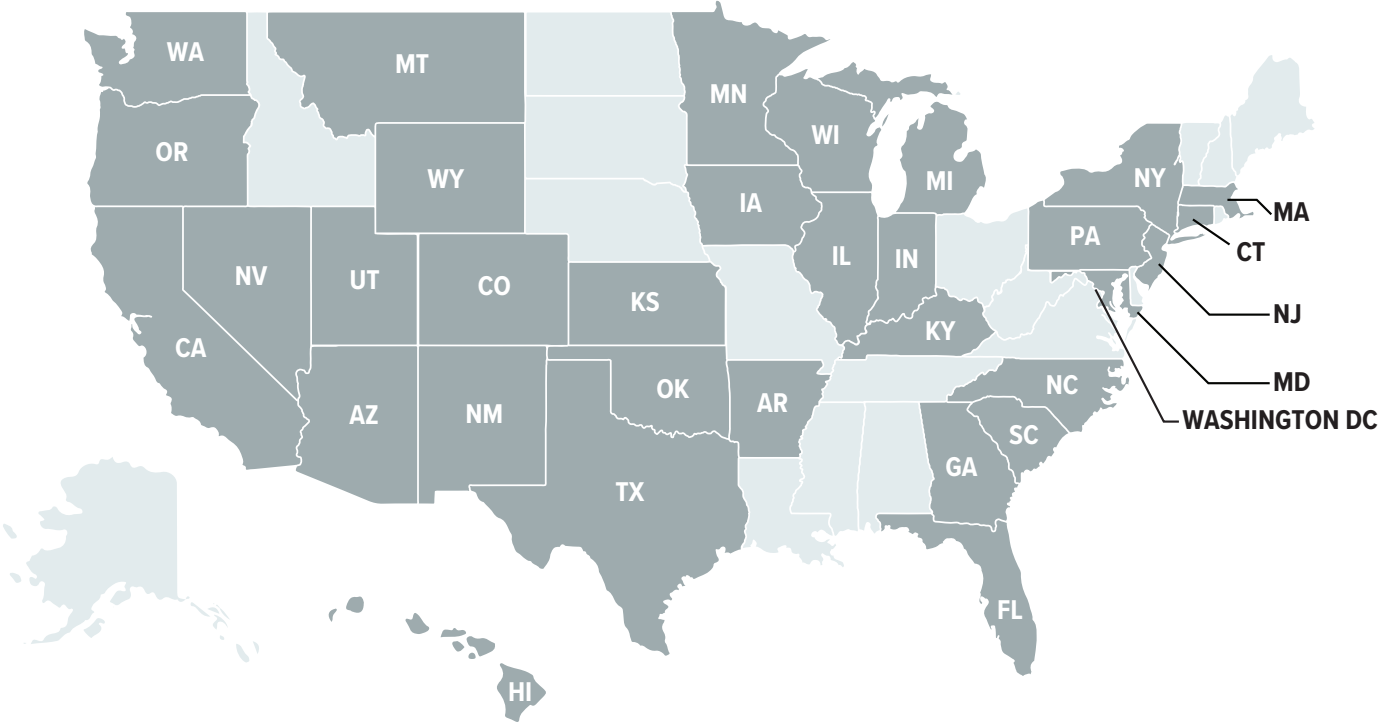
FALL SEMESTER					
GENDER	2019	2020	2021	2022	2023
FEMALE	42.2%	42.1%	48.5%	40.5%	38.6%
MALE	57.8%	57.9%	51.5%	59.5%	61.4%

NOTE:
1. Data based on census date for each year (21st calendar day of Fall semester).

FALL SEMESTER					
RACE/ETHNICITY	2019	2020	2021	2022	2023
American Indian or Alaska Native	0.7%		0.6%	0.6%	1.2%
Asian	1.5%	3.4%	3.0%	1.2%	3.5%
Black or African American	3.7%	5.5%	4.2%	2.4%	4.7%
Hispanic or Latinx	11.1%	15.9%	18.0%	13.7%	14.0%
International	21.5%	15.2%	14.4%	13.7%	14.6%
Native Hawaiian or Other Pacific Islander				0.6%	1.2%
Not reported	9.6%	8.3%	9.0%	12.5%	6.4%
Two or more races	2.2%	2.8%	4.2%	4.2%	2.9%
White	49.6%	49.0%	46.7%	51.2%	51.5%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%

Graduate Home State and Country Fall 2023

In Academic Year 2023-2024, our diverse undergraduates came from **32 states** and **16 countries**.



STATES

- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Florida
- Georgia
- Hawaii
- Illinois
- Indiana
- Iowa
- Kansas
- Kentucky
- Maryland
- Massachusetts
- Michigan
- Minnesota
- Montana
- Nevada
- New Jersey
- New Mexico
- New York
- North Carolina
- Oklahoma
- Oregon
- Pennsylvania
- South Carolina
- Texas
- Utah
- Washington
- Wisconsin
- Wyoming

COUNTRIES

- Bangladesh
- Canada
- China
- Colombia
- Ecuador
- Ghana
- Hong Kong
- India
- Iran
- Jordan
- Kenya
- Kuwait
- Mexico
- Peru
- South Korea
- Spain



ENGAGING OUR COMMUNITY

CAPLA's teaching, research, and service initiatives benefit from the diverse support of community partners across Tucson, Arizona, and beyond. We are deeply grateful for their engagement, which enriches the experiences of our students, faculty, and staff and enhances our facilities.



285

COMMUNITY AND INDUSTRY PARTNERS,
professional organizations, educational institutions, firms, community organizations and government/public agencies

Professional Organizations

- American Institute of Architects Arizona
- American Institute of Architects Southern Arizona
- American Planning Association Arizona
- American Society of Landscape Architects Arizona
- Arizona Builders Alliance
- Association of Collegiate Schools of Architecture
- Association of Collegiate Schools of Planning
- CCIM Institute
- Central Arizona-Phoenix Long-Term Ecological Research
- Commercial Real Estate Women (CREW)
- Cornerstone Building Foundation
- Council of Educators in Landscape Architecture
- Friends of Planning
- Global Institute for the Study of International Expositions
- Home Matters to Arizona
- Landscape Architecture Foundation
- National Association of Women in Construction
- National Institute of Standards & Technology
- National Organization of Minority Architects
- National Weather Service
- Oak Ridge National Laboratory
- The Nature Conservancy
- Urban Land Institute

Educational Institutions

- Arizona State University
- Boston Architectural College
- California State Polytechnic University Pomona
- Colorado School of Mines
- Consejo Nacional de Ciencia y Tecnologia (Mexico)
- Continental School District, Green Valley
- Dumbarton Oaks | Harvard University
- Florida Atlantic University
- Florida International University
- George Mason University
- La Universidad Peruana de Ciencia Aplicadas (Peru)
- Lincoln University (New Zealand)
- Miami Unified School District
- New Mexico State University
- Nogales Unified School District
- Northern Arizona University
- Pima Community College
- Portland State University
- Princeton University
- Rice University
- Stony Brook University
- Texas A&M University
- The University of Arizona (Various Centers, Institutes and Colleges)
- The University of Hong Kong
- The University of Texas at Austin

- Tucson Unified School District
- Universidad Nacional Autónoma de México (Mexico)
- Université de Lille
- Université Paris X-Nanterre
- Université Paris-Saclay
- University of California Los Angeles
- University of Illinois at Urbana-Champaign
- University of Massachusetts Amherst
- University of New Mexico
- University of Washington
- Vanderbilt University
- Virginia Tech

Design, Engineering and Construction Firms

- AAA Landscape
- Allied Works
- Anderson
- Ayers Saint Gross
- BrightView Companies
- Breckenridge Group Architects Planners
- BRR Architecture
- Burro Happold
- Butler Design Group
- BWS Architects
- Carlile Coatsworth Architects
- CCBG Architects

- Chasse Building Team
- Clark, Richardson and Biskup Consulting Engineers
- Colwell Shelor
- Concept Lighting Lab
- CORE Construction
- Corgan
- Cotton Architecture + Design
- CRB Group
- Denton House Design Studio
- Design Workshop
- DLR Group
- Ennead Architects
- erstad ARCHITECTS
- Fuse Architects
- GH2 Architects
- Gilbane Building Company
- GLHN Architects
- Greenworks PC
- Hoefer Welker
- Holly Street Studio
- Hooker DeJong
- JZMK Partners
- KEPHART Architects
- KieranTimberlake
- Kimley-Horn
- Kitchell
- Kontexture
- KSS Architects
- Lamar Johnson Collaborative
- LAST Architects
- Line and Space
- Lloyd Construction
- M3 Engineering and Technology
- Marlene Imirzian and Associates Architects
- MC Companies
- McGann and Associates
- MIG
- MJS Landscape Architecture
- Nelsen Partners
- Norris Design
- NOVUS Architecture
- Olson Kundig
- Onyx Creative
- Orcutt | Winslow
- PM Design Group
- Richärd | Kennedy Architects

- Rios
- RSP Architects
- Santa Rita Landscaping
- Sasaki
- SB Architects
- SDG Architecture
- Seaver Franks Architects
- SERA Architects
- Shepley Bulfinch
- SmithGroup
- Smitthipong & Rosamond Associates
- SOM
- SPS+ Architects
- Stantec
- Studio Rick Joy
- Swaim Associates
- The M Group Architects + Interior Architects
- The Planning Center
- TrueForm Landscape Architects
- Ware Malcomb
- Westgate Garden Design
- WestLand Resources
- Wheat Design Group
- Wilder Landscape Architects
- Will Bruder Architects
- WRNS Studio
- WRT
- Zebra Projects

Allied Industries

- AGM Container Controls
- ASARCO
- Ascension Wheelchair Lifts
- Blue Frontier
- Buro Happold
- Carlton Fields
- Freeport-McMoRan
- Geosyntec Consultants
- Google
- IBM
- Microsoft
- South32
- Tripalink

Community Partners

- OS3 Movement
- Borderlands Restoration Network
- Chicanos Por La Causa

Government/Public Agencies and Utilities

- Albuquerque Bernalillo County Water Utility Authority
- Arizona Board of Regents
- Arizona Department of Environmental Quality
- Arizona Department of Forestry and Fire Management
- Arizona Department of Health Services
- Arizona Municipal Water Users Association
- Black Mesa (Navajo County, Arizona)
- Brookhaven National Laboratory
- California Department of Transportation
- Centers for Disease Control and Prevention
- City of Casa Grande
- City of Chandler Community Services Department
- City of Flagstaff
- City of Hermosillo, Sonora
- City of Mesa
- City of Nogales
- City of Nogales (Sonora, Mexico)
- City of Phoenix Planning & Development Department
- City of Tempe
- City of Tempe Community Services Department
- City of Tempe Public Works Department
- City of Tucson Department of Parks and Recreation
- City of Tucson Department of Planning and Development Services
- City of Tucson Department of Transportation and Mobility
- City of Tucson Manager's Office
- Cochise County Cooperative Extension
- Colorado Springs Utilities
- Denver Water
- Federal Highway Administration
- ICOMOS: International Council on Monuments and Sites
- Loma Linda University Medical Center
- Los Angeles Power and Water
- Maricopa County Department of Public Health
- National Center for

Atmospheric Research

- National Institute for Transportation and Communities
- National Oceanic and Atmospheric Administration
- National Park Service
- National Renewable Energy Laboratory
- National Science Foundation
- National Trust for Historic Preservation
- Oak Ridge National Laboratory
- Pacific Northwest National Laboratory
- Pascua Yaqui Tribe
- Peace Corps
- Pima County
- Pima County Department of Environmental Quality
- Pima County Home Repair
- Pima County Regional Flood Control District
- Pima County THRIVE Training and Green Stewards Program
- Salt River Project
- San Xavier District
- Santa Cruz County
- South Tucson Housing Authority
- Southwest Fair Housing Council
- Southwest Gas
- Thurston County Planning Department
- Town of Green Valley
- Town of Marana
- Town of Oro Valley
- Town of Sahuarita
- Town of Superior
- Tuba City / Navajo Nation
- Tucson Electric Power
- Tucson Million Trees
- Tucson Storm to Shade (Green Stormwater Infrastructure) Program
- Tucson Urban Forestry Program
- Tucson Water
- U.S. Bureau of Reclamation
- U.S. Department of Energy
- U.S. Department of the Treasury
- U.S. Department of Transportation
- U.S. Forest Service
- United Nations
- World Health Organization
- World Meteorological Organization

ALUMNI, HOW ARE YOU BUILDING A BETTER WORLD?

Share your news,
projects, time and more!

ALUMNI NOTES »

New job? Earned a promotion? Won an award? Share your achievements with us and help build a new "Class Notes" page on our website. Interested? Send your updates to capla@arizona.edu.

BEAR DOWN NETWORK »

beardownnetwork.com/groups/11/feed

Joining the CAPLA Bear Down Network Group is a great opportunity to connect with fellow alumni, expand your professional network, and stay engaged with the University of Arizona community.

WILDCAT MENTOR SOCIETY »

wms.arizona.edu

The Wildcat Mentor Society is a transformative program that connects alumni with U of A's thought leaders of tomorrow in mutually beneficial mentorships. Learn more and apply to join.

ALUMNI ALUMNI

Our CAPLA alumni embody curiosity, creativity, and resilience, thriving across diverse industries while driving excellence in the design, planning, and development of our built environment.

Where are our CAPLA Alumni?



5,110

ALUMNI



Bachelor of Architecture Graduates (since 2019)

308
graduates

FIRMS AND ORGANIZATIONS

180 Degrees Design+Build
1MISSION
a.23 Studios
a23 Studios
Access Architecture
ACT ENGINEERING VIETNAM CO., LTD
American Institute of Architecture Students (AIAS)
Anser Advisory
APMI, Inc
ARYA Group
Audax Architecture Inc.
Black, O'Dowd and Associates, Inc.
Blue Ocean
Breckenridge Group Architects Planners
BRR Architecture
Butler Design Group
BWS Architects
C2K Architecture, Inc
Caddell Construction
Carlile Coatsworth Architects
Cawley Architects
CBRE
CCBG
CCY Architects
CFC Construction
Chasse Building Team
China International Engineering Design & Research Institute Co., Ltd
Clark/Kjos Architects
Corbins Electric

193
employed in the field

CORE Construction
Corgan
Creative Machines
D U S T Architects
Danielian Associates Architects + Planners
David E. Shambach Architect Inc
desertWORKS
DESIGN EDGE PC
DESIGN PARTNERS, INCORPORATED
DesignCell Architecture
Devenney Group Ltd., Architects
DLR Group
Dovetail Development, LLC.
EcoSense Sustainable Landscapes
Edgens Herzog Architects
Elizabeth A Rosensteel Design/Studio
Emma Joy Design LLC
EXA Architects
Farnsworth Group, Inc
Fors Architecture & Interiors
Freelance
Freelance Architectural Idea Consultant
GANSAM Architects & Partners
Gemelo Design Co
Generator Studio
GLHN Architects & Engineers, Inc
Goodwyn Mills Cawood (GMC)
Graceful Shark Design Studio LLC
Greystar
Hathaway Dinwiddie
HDR
Hensley Lamkin Rachel Inc
HMC Architects

110
unknown

Holly Street Studio
ibarra rosano design architects
iFLYTEK Co., Ltd
JLL
JOHNSON, SMITTHIPONG & ROSAMOND ASSOCIATES, INC
Jones Studio
JZMK Partners
KaiserWorks
KEPHART
KITCHELL CONTRACTORS, INC. OF ARIZONA
Kuwait Institute for Scientific Research
LAB Design collaborative
Lamar Johnson Collaborative
Lanning Architecture
LGE Design Build
Line and Space, LLC Architects
Lizard Rock Designs
Lloyd Construction Company, Inc
LT Architect
LUCE et studio
Lululemon
M3 Engineering & Technology Corp.
Merge Architectural Group
Morphosis
Mosaic Outdoor Living
Motley Design Group
Nelsen Partners | Architects & Planners
Novus Architects, Inc.
NYC Department of City Planning
Okland Construction
Onyx Creative
Orange Barrel Media
orcutt | winslow

3 pursuing
higher education

Page Southerland Page, Inc.
PBK
Philadelphia Water Department
Plan B Group
Point B Design Group
Polkinghorn Group Architects, Inc.
Populous
Poster Mirto McDonald
Radii Inc
RAH architects
RDH Building Science
reimerarc design build
Repp McLain Design
RICHÄRD | KENNEDY | ARCHITECTS
RK Design - Self-employed
Robert Marino Architects
Rocci Design
Ryan Group Architects
Ryan Hughes Design Build
Sargenti Architects
Schraufnagel Development LLC
Shea, Inc.
Shepley Bulfinch
Shive-Hattery
SHM Architects
Shop Brock
SJ Lighting, Inc
Skidmore, Owings and Merrill (SOM)
Smile Or Die Design Services
SMITH ARCHITECTS, P.A.
Solomon Cordwell Buenz
SPS+ Architects
Standard® Architecture | Design

2
other

Steven Winter Associates
Studio AR&D Architects
Studio CABAN
Studio Golden LLC
Studio Ma
Studio Prime Architecture (SP-ARC)
Studio Rick Joy
Swaim Associates LTD AIA
Synectic Design, Inc.
TECTONICUS
The Haskell Company
The PENTA Building Group
Think Architecture, Inc
Thomas Baio Architect PC
Thriven Design
United States Marine Corps
Unity Health Toronto
University of Arizona
Vint and Associates Architects Inc
Walt Disney Imagineering
Wannemacher Jensen Architects, Inc
Wold Architects and Engineers
WSM ARCHITECTS, INC
ZSF Studio LLC

GINA '99 AND AUGUST BENZIEN '96

CAPLA 'Alumni of the Year'

The Benziens were among 15 alumni chosen from across the University of Arizona who were honored during the Alumni of the Year Award Ceremony last February.

August Benzien's journey weaves the rebellious world of skateboarding into a distinguished career in landscape architecture and footwear design. Fate — and his attraction to skateboard-friendly Tucson — led him to the U of A. However, a serious knee injury just before high school graduation shifted his focus to academics. Exploring landscape architecture led to a commitment to the discipline during his second year. His journey aligned with like-minded creatives, including Gina Garcia, now his wife.

Graduating in 1996, August's success in landscape architecture was punctuated by a unique opportunity — to be an amateur rider on an East Coast skate tour. This venture marked his entry into the skateboarding industry, where his innovative mindset, cultivated in landscape architecture, birthed the iconic DuFFs Gambler skate shoe.

August's transition to footwear design expanded his influence, as he contributed to renowned brands. He is now the Nike Sportswear senior creative director for men's footwear design. His landscape architecture

background remains a versatile toolkit for communicating design intent and bridging disciplines.

Gina's landscape design journey stems from Nogales, Arizona. Memories of gardening with her grandmother and mother laid the foundation for a love of landscape architecture. Discovering the field at the U of A, Gina navigated challenges in a male-dominated space, graduating in 1999 with a bachelor's in landscape architecture.

Her Tejido Group involvement provided early exposure to large-scale projects. Gina's professional career, starting at Wheat Scharf and Associates, evolved in 2004 with her founding of Benzien Design, which focuses on intimate spaces and client relationships. Specializing in residential design across Arizona, San Diego, and the Pacific Northwest, she developed a signature style characterized by a modern organic ambiance.

August and Gina share a passion for design and a commitment to giving back through the Benzien Family Travel Scholarship, which supports the next generation of designers.



(above) From left, Gina and August Benzien at the 2023-2024 Alumni of the Year Ceremony in February 2024. The Benziens share a passion for design and a commitment to giving back through the Benzien Family Travel Scholarship.

Bachelor of Science in Sustainable Built Environments (since 2019)

134
graduates

63 employed
in the field

19 employed in
another field

20 pursued/pursuing
higher education

49
unknown

FIRMS AND ORGANIZATIONS

AHBL Inc.

ALInternational Trade and Development

Alto Grado Arquitectura

ANDAN Peru

Arizona Preservation Foundation

Asociación Peruana de Poligrafistas

Aucta Pharmaceuticals Inc.

BECA

BECKER8, LLC

Brubaker Architects

Burgess and Niple

Camp Akeela

Children's Museum Tucson

City of Cleburne

City of Little Rock

City of Tucson

CLEARresult

Corgan

Cottonwood properties

Davey Resource Group Inc.

DECHINI

Design Collaborations

Equal Education Partners

Faherty Brand

Fehr and Peers

Flagship Restaurant Group

Fleis & VandenBrink

GLHN Architects and Engineers

Green Badger

Green Landscape Solutions

GreenCircle Certified

Grupo YIVE

Habitat for Humanity

ICF

Intermountain Healthcare

International Living Future
Institute / Little Woodrow's

Intuit/Mailchimp

Kambio

Keane Construction

Larsen Baker LLC

LEAF LATAM

Macerich

MasterTech Services inc

McCarthy Building Companies

MIG

Norris Design

Open Influence

Perry Becker Design

Pioneer Square Advisors

Safe City

Saint Joachim Catholic School

Seasonal Roots

Short Elliot Henderson (SEH)

Stellar Solar

Stryker

Taller de Interiores

Tesla

The Guardian Companies

The HR group architects

The Planning Center

Tucson Clean and Beautiful

Tucson Water

University of Arizona Museum of Art
Vacation Inc.

VerdicalGroup

Walt Disney Parks and Resorts

WHEDCo

WSP

XCD Realty and Property Management

Yardnique, Inc.

Zeus Lending.com



ED MARLEY

Bachelor of Architecture '82

Alumnus Edward Marley, FAIA was elevated to the American Institute of Architects (AIA) College of Fellows.

Marley graduated from CAPLA in 1982. He is the only Arizona-based architect to be elevated to AIA Fellowship in 2024, and one of only 96 people overall to receive the honor this year.

A principal at the Tucson-based firm Swaim Associates where he has been for more than 40 years, Marley has led projects throughout Arizona and the region. In his career, he has advocated broadening accessible pathways to architectural licensure, leadership, and education with the goal of creating a more inclusive, equitable, and diverse profession. Here in Arizona, he has served as president of both the AIA Southern Arizona chapter and the AIA Arizona statewide component, and was also a member of the Arizona Board of Technical Registration from 2012 to 2018.

Q: What does receiving the AIA College of Fellows honor mean to you?

A: That's a tough question, it's incredibly humbling and invokes a lot of different emotions. I would say that my career and this honor are reflections of the people around me who have helped shape me and my career in architecture. From my parents who taught me the value of craftsmanship, hard work and giving back, to Bob Swaim who initially got me involved in the AIA and instilled in me the importance of contributing to the greater community. My firm (Swaim Associates LTD),

especially my partners, who have supported me throughout this journey, and have made sacrifices to support my work for the greater good of the profession. Most importantly, my family who, without their sacrifice and support, my involvement in the AIA and NCARB would not be possible. It is great to be recognized for making significant contributions to the profession but that doesn't happen in a vacuum. I think it also reminds me that my work is not done, I still have more to contribute.

Q: When did you graduate from CAPLA? And what fond memories do you have from your time as a student?

A: I graduated from CAPLA (back then it was just the College of Architecture) in May of 1982. Our class was incredibly close knit. We formed relationships that have lasted for over 40 years. We hold a class reunion every five years and still have 30 or more classmates attend. I also have great memories of some of what I consider the finest professors a student could have. Kirby Lockard, FAIA, Chuck Albanese, FAIA, Bill Stamm, Bob Geibner, Doug Macneil, to name a few. Most are no longer with us, but I do stay in touch with Chuck and he often attends our class reunion gatherings.



Edward Marley '82

Master of Architecture Graduates (since 2019)

46
graduates

31
employed in the field

16
unknown

FIRMS AND ORGANIZATIONS

Assembledge+
Bettisworth North Architects
and Planners Inc.
BRR Architecture
C2AE
CCBG Architects, Inc.
Cooper Carry

Corgan
Cotton Architecture + Design Ilc
Daniel Joseph Chenin, Ltd.
Denham-Blythe Company, Inc
GBBN Architects
GLHN Architects & Engineers, Inc

Harris Architecture Company
Hestia Atelier
Lawrence Group
Line and Space, LLC
McCarthy Building Companies
MG2 Design

Nelsen Partners | Architects and Planners
Olson Kundig
Perry Becker Design
Reliance Design Build
Seaver Franks Inc., AIA
Texas A&M University

The Weitz Company
The WLB Group
University of Arizona
Vint & Associates Architects Inc
Wold Architects and Engineers

Master of Landscape Architecture Graduates (since 2019)

64
graduates

58
employed in the field

5
unknown

FIRMS AND ORGANIZATIONS

Brodeur Landscapes
City of Brownsville, Texas
City of Tucson
Design Collaborations
Design Workshop
Environmental Planning and design
EPTDesign
Gehl
Green Landscape Solutions
Green Side LLC

Hamilton Anderson associates
Hocker Design
Horticulture Unlimited
Industrious Renegade Design Group
Logan Simpson
Lyon Landscape Architects
M2L Associates Inc.
McCullough
McGann & Associates
Miami-Dade County Parks,

Recreation and Open Spaces
Norris Design
NYC Parks
Parker-Yannette Design Group
Pima County Regional Flood
Control District
Pland Collaborative
Prosser, a PRIME AE Company
Rick Engineering Company
Schmidt Design Group

Short Elliot Henderson (SEH)
SmithGroup
Sutra Research and Analytics
Terracon
Terremoto
The Garden Gate
The WLB Group, Inc
Tohono Chul Park
Tohono O'odham Community College
Tucson Clean and Beautiful

University of Arizona
Cooperative Extension
US Forest Service
Walt Disney Imagineering
Wheat Design Group
Witkin Hults + Partners
WLB Group

Master of Science in Architecture Graduates (since 2019)

35
graduates

26
employed in the field

3 pursued/pursuing
higher education

6
unknown

FIRMS AND ORGANIZATIONS

A.23 Studios
AFE Contracting LLC
Arendal kommune
Bettisworth North Architects
and Planners Inc.
bluecraft

BWS Architects
Deloitte
DesignCell Architecture
Ferguson Architecture
High Craft Builders
HYL Architecture

Integrated PC Solutions PLLC
Jeffrey Miller Architecture and Design
Kambio
Land Survey Drafts
LEAF LATAM
Nelsen Partners | Architects and Planners

Revel Architecture
Safe City
Shanghai Lianchuang Design
Group Co., Ltd.
Smart Playrooms
SPS + Architects

Texas A&M University
University of Arizona
Vint and Associates Architects

Master of Science in Urban Planning Graduates (since 2019)

74
graduates

43
employed in the field

3 pursuing PhDs
or other education

28
unknown

FIRMS AND ORGANIZATIONS

Americorps Tucson "Project Wet"
Arizona Land and Water Trust
Chicago Metropolitan Agency for Planning
City and County of Honolulu Department
of Planning and Permitting
City of Stockton, CA
City of Tucson
Tierra Antigua Realty

Community Housing
Opportunities Corporation
County of Huerfano
Cunningham
East Carolina University
Gilbane Building Company
Governor's executive office
Kootenai County

Latitude 33 Planning and Engineering
Lazarus & Silvyn
Michael Baker Intl.
Missoula County
National Renewable Energy Lab
Peace Corps Philippines
PulteGroup

ROWE Professional Services Company
Salt River Pima-Maricopa
Indian Community
San Diego Association of Governments
SmithGroup
The Planning Center
Toll Brothers

Town of Marana
Town of Oro Valley -Community &
Economic Development Department
Town of Woodside, California
Tucson Electric Power
University of Arizona
Watershed Management Group

Master of Real Estate Development Graduates (since 2019)

129
graduates

90
employed in the field

1 pursued/pursuing
higher education

34
unknown

4
other

FIRMS AND ORGANIZATIONS

Firms and Organizations

a23 Studios
Adolfson & Peterson Construction
Advisors, Financial Analytics Cresa Boston
Akron Metropolitan Housing Authority
Amazon
Amherst Holdings
Anchor Point Capital, Inc.
Aritzia
Atkinson Construction
Atlas Real Estate
Avison Young
Baltimore County
Banack
BECKER8, LLC
Bradley Glenn Corp, Lavish Development,
eXp Commercial, Got Dirt?
California Department of General Services
Camden Property Trust

Cape Fear Habitat for Humanity
Cavan Companies
CBRE Capital Markets
CENTURY AFFORDABLE DEVELOPMENT INC
Chapman Lindsey
Citi
City of Mineral Wells
City of San Antonio Aviation System
City of Tucson Fire Dept
Cozy Home Real Estate
Cresa
Crown Castle
D.R. Horton
Dovetail Development, LLC
Drees Homes
EBA Engineering, Inc.
Eden Housing
Grit Construction
Hayter Capital LLC

Homebased Realty
Housing Hope
Humaydan Company
Iridius Capital
Iskagna Management
KB Homes
Kirkley Corporation
Linc Housing
Love's Travel Stops & Country Stores, Inc
McCarthy Building Companies, Inc.
Metropolitan Water District
of Southern California
Morgan Stanley
MTT Construction LLC
New York City Housing
Development Corporation
Oak Residential Partners, LLC
Paragon Assets, Inc
Park Square Homes

Phillips Edison & Company
Pinke Homes
Public Housing & Community
Development Strategic Initiatives
and Planning, Miami Dade County
Pulte Group
PX Inc
QUARTERPENNY MANAGEMENT
Realetix, Exporior Financial
Group, Financial 411
Ridgeback Hospitality Group
Self-employed
Shayher Group
Sierra Gold Properties Inc
Siren Retail and Starbucks
Starboard Realty Advisors
State of Arizona
Stream Realty
Subtext

Take-Two Interactive Software, Inc.
The AES Corporation
The Ardent Companies
The Empire Group of Companies
The Firm Brokerage
The Guardian Companies
The Lake District
Tierra Antigua Realty
US Army Corps of Engineers
US Department of Defense
Vallist
Vanni Properties
Wentworth Property Company
Western Alliance Bank
Westmount REalty Capital LLC
Wiz

ALUMNUS DAVID ZUNIGA WINS AIA DESIGNING TOGETHER CONTEST

CAPLA Alumnus David Zuniga, '23 B.Arch, won first place in the 2024 AIA Designing Together Contest, where architects were challenged to turn napkin sketches into prize-winning designs.

The competition highlighted the power of design, with submissions ranging from bus stops to national parks.

For Zuniga's entry, he reimagined the Mexico and United States border as a bi-national park. His learning experience at CAPLA was instrumental in developing his proposal titled, "A Bi-National Park for Ambos Nogales."

Growing up in Nogales, Zuniga knows the importance of fostering a positive relationship between Mexico and the United States. He sees how it holds the potential to empower future generations to embrace diversity, collaboration and the shared responsibility of living with care.

"By merging and acting as one, they can harness their combined resources, expertise and cultural heritage to promote the health and resilience of the region's ecosystems and social fabric," he said.

Zuniga took a moment to reflect on how his time at CAPLA prepared him for this accomplishment.

"CAPLA's passionate faculty and supportive community equipped me with the creative confidence to shape my inspired visions and advocate for what I believe should be a profession-wide focus on the societal and environmental responsibilities of architects and design professionals," Zuniga said.

Thinking about his award-winning submission, Zuniga specifically remembered the emphasis on conceptual thinking within the B.Arch curriculum that nurtured his ability to weave designs with impassioned narratives.

"After a few years of conducting the same exercise, it's second nature," he says.

As part of his prize, Zuniga was given an Ultimate Pass to attend the AIA Conference on Architecture and Design in Washington, D.C. this past summer.

“*When we dream together, we tap into the collective wisdom of diverse perspectives and experiences, unlocking creative solutions that transcend boundaries and inspire positive change on a global scale.*”
– David Zuniga '23



David Zuniga '23

CAPLA Futures Council

The CAPLA Futures Council serves as an advisory board to CAPLA Dean Nancy Pollock-Ellwand, providing insight on challenges faced by the college and university as well as trends in higher education, the professions and the broader community.

Richard K. Begay Jr.

Partner, SPS+ Architects

Mahesh Daas

President and Distinguished Professor, Boston Architectural College

Randy Deutsch

Associate Director for Graduate Studies and Clinical Associate Professor of Architecture, University of Illinois Champaign-Urbana

Billie Faircloth

Partner, KieranTimberlake

Lawrence D. Frank

Professor of Urban Studies and Planning, University of California, San Diego and President, Urban Design 4 Health

Larry Head

Professor of Systems and Industrial Engineering and Director, Transportation Research Institute, The University of Arizona

Kendra Hyson

Co-Founder and President, The Urban Studio, and Associate Planner and Urban Designer, SmithGroup

Diane Jacobs

Principal, Holly Street Studio

Richard R. Johnson

Executive Director for Sustainability and Professor of Practice in Environmental Studies, Rice University,
CAPLA Futures Council Chair

Brian Olasov

Executive Director, Financial Service Consulting, Carlton Fields

Angela Watson

President and CEO, Shepley Bulfinch



FINANCIAL REPORT

NOTES:

1. Operating activity excludes such items as Research (Sponsored or University funded).

2. State Funding consists of Student Tuition and University Support distributed to CAPLA from the University Activity Informed Budgeting (AIB) model. State Funding saw a decrease from FY22 to FY23 due in part to the University Budget Model changing formats from RCM to AIB. However, the funding increased from FY23 to FY24 due in part to CAPLA main campus enrollment growth (Undergraduate increased by 13.7%).

3. The Program Fees/Differential Tuition activity is not impacted by the growth rate for the rest of campus since 100% of the fees paid by CAPLA students for this source type comes right back to CAPLA.

4. Most of the Online/Distance activity growth from FY22 to FY24 has mainly come from the Real Estate Development Graduate Online program.

5. Most of the International Campus activity from FY22 to FY24 has come from the Lima, Peru International Micro campus program involving the Sustainable Built Environments Undergraduate program. However, in FY24 CAPLA received an extra payment from Peru regarding Spring 2024 due to the payment being made earlier than expected (normally CAPLA is paid twice a year).

6. Effective FY23, 40% of the F&A Distribution funding source is allocated to CAPLA (a reduction from 87% in FY22 due to the University Budget Model changing formats from RCM to AIB).

7. The U of A Foundation allocations consist of expendable gift donations and endowment interest income realized in the U of A Financial System.

8. Most of the Commitment funding comes from the Provost Office for Personnel support.

9. The Other/Miscellaneous funding section includes various sources such as the annual CAPLA Job Fair and CatCash Pay4Print program.

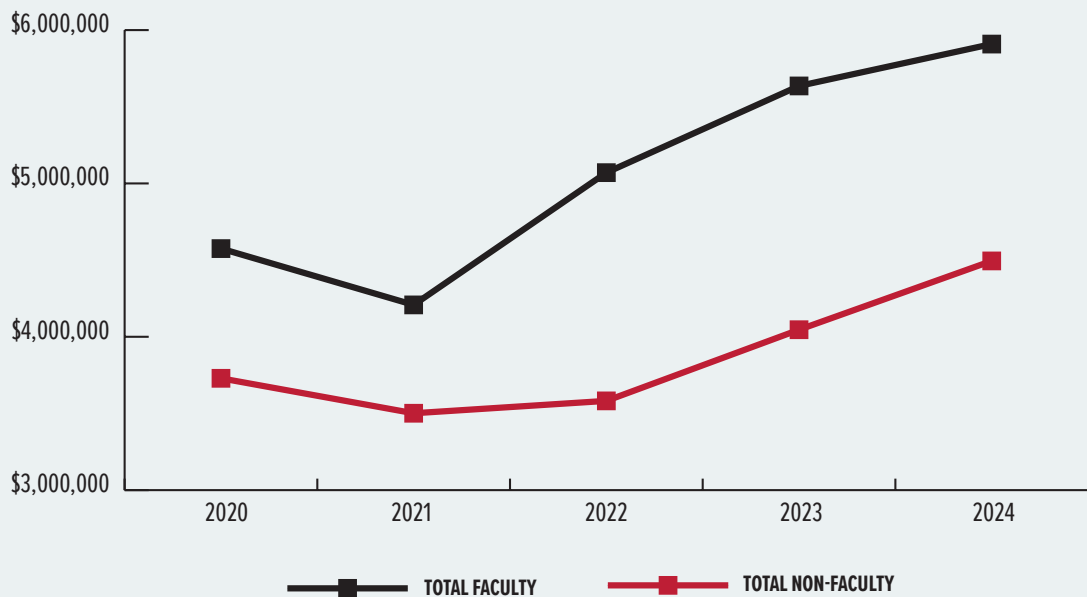
10. The Transfers (AIB Gain Share) expense amount is related to the new AIB University Budget Model. Per the AIB website regarding this activity type, "unrestricted fund balance carryforward amounts above 25% of forecasted annual operating expenditures are subject to 15% gain sharing."

11. The Transfers (Other) expenses mainly consist of annual charges from Central Administration on our Program Fee/Differential Tuition accounts (University Strategic Budget allocation (SBA)) and our annual payment to ERAS in the College of Engineering for Research Support.

CAPLA INCOME STATEMENT (OPERATING ACTIVITY)

SOURCES / REVENUE	FISCAL YEAR			
	2022	2023	2024	
State Funding	7,560,397	7,439,829	8,259,594	(2)
Program Fees/Differential Tuition	1,074,669	1,068,981	1,398,422	(3)
Online/Distance Campus Tuition	811,092	920,638	1,114,226	(4)
International Campus Tuition/Fees	188,675	144,674	222,377	(5)
Summer Session Tuition	134,652	181,682	158,772	
F&A Distribution	192,552	100,105	129,038	(6)
Gifts/Endowments (U of A Foundation)	484,801	394,366	360,898	(7)
U of A Commitment Funding	463,527	152,223	125,400	(8)
Other/Miscellaneous	63,598	111,993	56,002	(9)
TOTAL	10,973,962	10,514,492	11,824,729	
USES / EXPENSES				
Personnel (WAGES)	6,548,610	7,295,755	7,846,791	
Personnel (ERE)	2,103,731	2,386,026	2,556,666	
Personnel TOTAL	8,652,341	9,681,780	10,403,457	
Operations	711,050	694,752	585,126	
Travel	86,915	166,662	122,696	
Student Aid	396,349	337,430	384,425	
Administrative Service Charge	17,148	5,653	8,588	
Transfers (AIB Gain Share)		339,800	259,300	(10)
Transfers (Other)	241,199	230,108	272,104	(11)
TOTAL	10,105,000	11,456,185	12,035,696	
NET CHANGE	868,962	(941,694)	(210,967)	

CAPLA PERSONNEL EXPENDITURES: OPERATING WAGES + ERE



CAPLA photo.

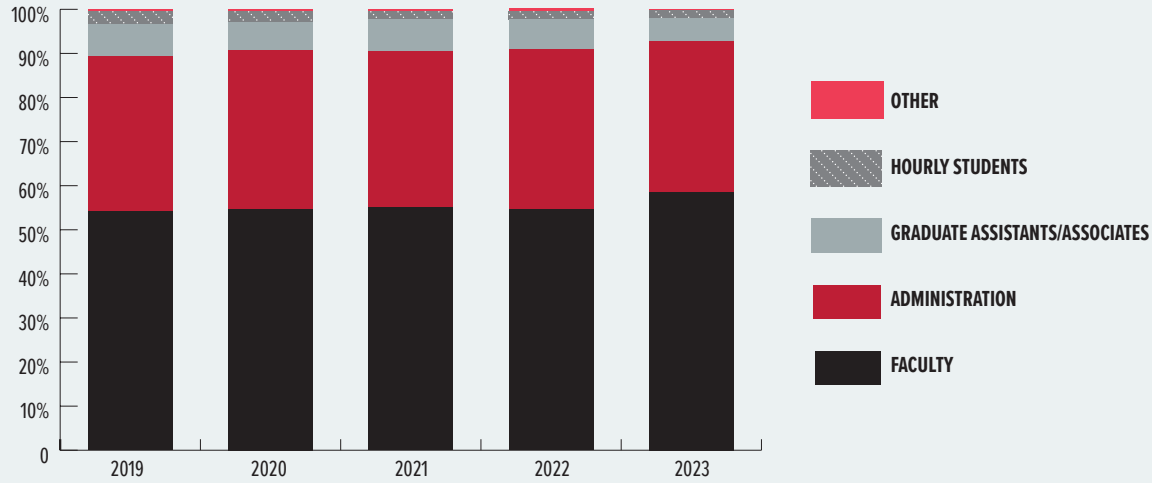
CAPLA PERSONNEL EXPENDITURES BY EMPLOYEE CATEGORY 2020-2024

EMPLOYEE CATEGORY	FISCAL YEAR				
	2020	2021	2022	2023	2024
Faculty (Tenured/Tenure Eligible)	2,756,026	2,477,076	2,907,742	2,880,058	2,821,777
Faculty (Career Track/Non-Tenured)	1,819,096	1,730,802	2,162,595	2,755,656	3,087,035
TOTAL FACULTY	4,575,122	4,207,878	5,070,337	5,635,714	5,908,812
Administration/Staff	2,937,081	2,795,453	2,956,222	3,442,970	3,760,796
Graduate Assistants/Associates	593,913	521,572	440,109	468,979	593,246
Hourly Students	146,836	127,976	161,354	123,683	139,768
Other	51,361	56,328	24,318	10,434	836
TOTAL NON-FACULTY	3,729,191	3,501,328	3,582,004	4,046,066	4,494,645
TOTAL	8,304,313	7,709,206	8,652,341	9,681,780	10,403,457

NOTES:

1. The OTHER employee category consists of professional, academic professional and postdoctoral scholar labor activity.
2. The amounts above include Salary/Wages and ERE/Benefits (including tuition remission for graduate assistants/associates).
3. In fiscal year 2021 a reduced pay furlough program was instituted by the University on most Faculty and Staff positions. This program was implemented for the first 6 months of the fiscal year (July 2020 to December 2020).
4. In fiscal year 2022 there were 3 Faculty hires on the Tenured/ Tenure Eligible side (Fall 2021: 2, Spring 2022: 1).
5. In fiscal years 2023 and 2024 there were various forms of activity taking place regarding Tenured/Tenure Eligible Faculty including the following: hires, sabbaticals, retirements, departures, and promotion & tenure adjustments.
6. In fiscal year 2023 CAPLA invested in additional teaching support on the Career Track/Non-Tenured side to help with the class enrollment growth. In addition, CAPLA began the Emerging Faculty Fellowship program.
7. In fiscal year 2023 there were various Staff replacement hires taking place during the year that generated temporary payroll expenditure savings due to the expected start date of each hire. In addition, IT positions across campus underwent a University IT Market adjustment regarding pay rates (changes effective fiscal year 2024).

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PERCENTAGE OF TOTAL CAPLA PERSONNEL EXPENDITURES 2020-2024

EMPLOYEE CATEGORY	FISCAL YEAR				
	2020	2021	2022	2023	2024
Faculty (Tenured/Tenure Eligible)	33.2%	32.1%	33.6%	29.7%	27.1%
Faculty (Career Track/Non-Tenured)	21.9%	22.5%	25.0%	28.5%	29.7%
TOTAL FACULTY	55.1%	54.6%	58.6%	58.2%	56.8%
Administrative/Staff	35.4%	36.3%	34.2%	35.6%	36.1%
Graduate Assistants/Associates	7.2%	6.8%	5.1%	4.8%	5.7%
Hourly Students	1.8%	1.7%	1.9%	1.3%	1.3%
Other	0.6%	0.7%	0.3%	0.1%	0.0%
TOTAL NON-FACULTY	44.9%	45.4%	41.4%	41.8%	43.2%

NOTES:

1. The OTHER employee category consists of professional, academic professional and postdoctoral scholar labor activity.





OPPORTUNITIES TO MAKE AN IMPACT

CAPLA Job Interview Fair

Showcase your firm and connect with CAPLA's talented pool of student candidates seeking internships and entry-level positions. Gain visibility while helping students explore professional opportunities and launch their careers.

CAPLA Externship Program

Provide hands-on, real-world experience to students through our spring break externship program. Help them build valuable relationships while experiencing your work environment.

Student Engagement Event Sponsorship

Support events that foster collaboration, professional growth, and community within CAPLA. Opportunities include:

- New Student Welcome Events (Fall/Spring)
- Orientation (Graduate/Undergraduate)
- Club Browse
- International Student Welcome
- CAPLA Pancake Breakfast
- First-Generation Student Mixer
- Finals Survival Kits (Fall/Spring)
- Homecoming Celebration

Studio Prize Sponsorship

Empower future designers through our architecture and landscape architecture studios by sponsoring prizes that support studio coordinators, student hires, travel, and more.

- **Endowed Prize:** \$50,000 (over 5 years, \$10,000/year)
- **Studio Prize:** \$10,000 minimum

Internship Opportunities

Collaborate with CAPLA's Development team to match your firm with qualified student interns, fostering mutual growth and learning.

Scholarships

Invest in CAPLA students through scholarships:

- **Endowed Scholarship:** Name a scholarship in perpetuity that will continue to support students for generations. Interested in learning more? Ask how you can contribute to CAPLA scholarships to make a greater impact.

Giving Day Opportunities

Join our annual Giving Day on February 14th by creating a match or challenge gift. Through Challenges and Matching opportunities, we can crowdfund to make a bigger impact! Your support can go towards scholarships, student engagement, technology, studio support, and more.

Partner with CAPLA to shape the future of architecture, planning, landscape architecture, sustainability in the built environment, and real estate development while advancing your firm's visibility and impact. Together, we can build a brighter future for the industry.

QUESTIONS?

Contact Emilio Romero at emilio.romero@uafoundation.org

CONNECT WITH CAPLA

As a CAPLA alum, industry partner or community leader, your experience can have a major impact on our students—providing insight and inspiration as they prepare to build their future. Connect with us to:



PROVIDE CAREER ADVICE

Serve as an information resource and guide for a CAPLA student or alum.



HOST STUDENTS OR ALUMNI

Host a group of CAPLA undergraduate or graduate students or alumni at your place of business to help students learn more about careers and specific industries, as well as to network.



EMPLOY OUR STUDENTS

Open the door for a CAPLA student to obtain an internship or a full-time job at your firm.



SERVE AS AN EXTERNSHIP HOST

Allow a CAPLA student to shadow you so they gain an understanding of your field and the world of full-time work.



BE A GUEST SPEAKER

Share your experiences and insights in the classroom, at a student organization meeting or at a college-wide event.



MENTOR OUR STUDENTS OR YOUNG ALUMNI

Help guide CAPLA students or alumni through choices as they develop interests and expertise and start taking steps towards life after graduation.



SERVE AS A PANELIST

Interact with groups of CAPLA students and other professionals by offering your insights and experiences as part of industry-specific panels.



PARTNER WITH CAPLA ON DESIGN-BUILD

Take advantage of our faculty expertise and student ambition for approved design-build projects.



TAP INTO CAPLA RESEARCH

Utilize CAPLA faculty research or design expertise for a business or community project through the Drachman Institute.



PAY IT FORWARD

Your tax-deductible gift can make an impact on a student, assist with faculty research and help develop programs within the college.

Visit capla.arizona.edu/connect to get involved today.