

RESILIENT GENEROSITY

ANNUAL AND ENDOWMENT REPORT 2020 | UNIVERSITY OF ARIZONA FOUNDATION



WONDER MAKES US RESILIENT



We have all had times when the selfless act of another person is what allowed us to carry on, despite adversity. In a challenging year like no other, it is generosity that makes us hopeful. At the University of Arizona, your generosity is an act of imagination—the ability to envision a future for today's students and tomorrow's discoveries and the faith that we will get there, together, Wildcat strong. In a year of many heroes, you are ours. Thank you for fortifying resilience in the lives of so many, through your generosity.



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Photo by 160/90



RESILIENT SUPPORT

A year into the 360 Initiative fundraising effort that rallied support for the university's ultimate priority — students — the Wildcat community has learned a great deal about resilience. Thousands of students were able to continue learning because of scholarships and resources like the Richard H. Tyler Student Emergency Fund and the Campus Pantry, even as faculty and staff pivoted to support online learning.

It hasn't been easy, and our journey through this pandemic will continue. Over the summer, a reentry taskforce, including the Incident Command System led by former U.S. Surgeon General Dr. Richard Carmona, developed a multifaceted strategy to contain the virus on campus, leading to a cautious and gradual reopening.

Even as our communities tackle the challenges of COVID-19, the university's mission continues. In this spirit of progress, the University of Arizona Foundation and Alumni Association have united to better serve our inspiring community. Our new, merged office — the University Alumni and Development Program — is here to support your meaningful, lifelong connection with the university.





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Students were eager to get back to learning and pursuing their academic goals this fall, and I have heard many inspiring stories of perseverance and resilience. The Richard H. Tyler Student Emergency Fund and multiple wellness programs for students' needs in mental health continue to be top priorities during the pandemic.

Robert C. Robbins, PresidentThe University of Arizona



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The pandemic has disproportionately impacted people of color, and this is a year when the university has admitted the most diverse class in its history. There's never been a more important time to come together in support of our Wildcat community. That's why we're launching our first-ever giving day as part of Homecoming. Working together, we can make a difference in students' lives.

John-Paul Roczniak, President & CEOThe University of Arizona Foundation

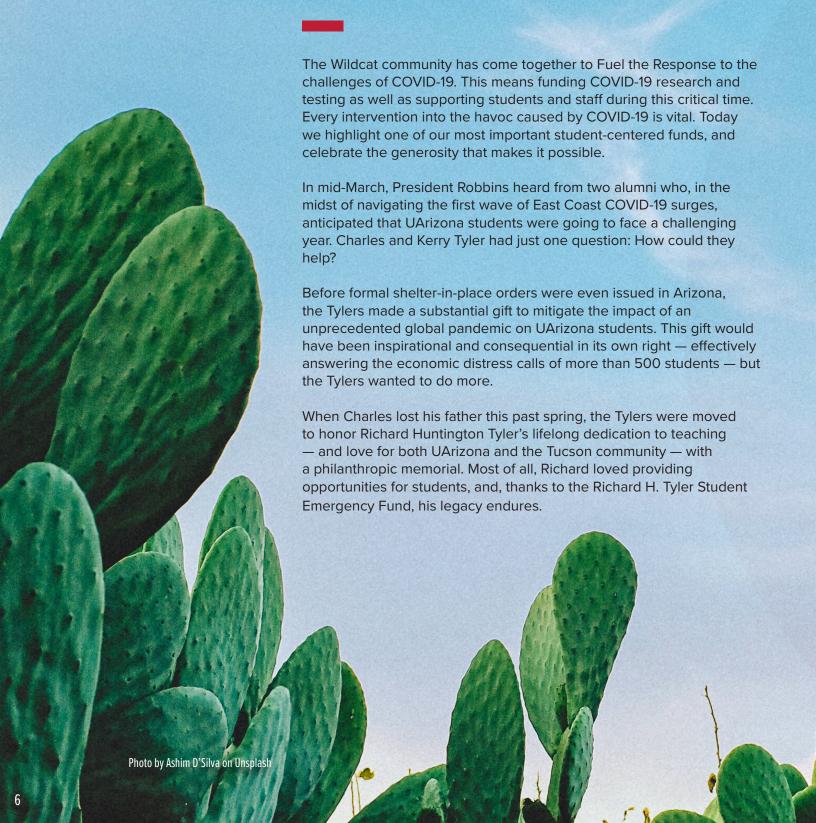


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The relationship between the University of Arizona and the University of Arizona Foundation has never been more important than it is today. The foundation's board of directors recognizes this challenge, and we stand ready to provide the support and assistance needed to help the university succeed in its critical mission.

Steven Lynn, ChairThe University of Arizona Foundation Board of Trustees

FUELING THE RESPONSE



The fund is designed to safeguard students against withdrawing from school due to sudden emergency or crisis. This past spring, many of our students lost jobs in the service industry or other lines of work that simply do not have remote options. Complicating factors abounded: vulnerable elderly family members, children to be homeschooled, lack of remote internet access.

"I lost my part-time position during the height of the pandemic," Kevin Minh Chau, a funded student, said. "Thanks to you, I was able to focus on my schoolwork and finished strong with a 4.0 GPA for the semester."

The Wildcat community joined the Tylers in supporting students. Over 1,477 donors have contributed to a crowdfunding effort that has offered more than \$1 million to fuel the response to COVID-19. This wellspring of generosity has supported nearly 2,000 students during a critical time.

"This fund made it possible for me to keep my apartment while searching for a new job," said a graduate student in public health who received assistance. "If I hadn't received this funding, I would have had no choice but to move back to my home state until things settled down. That would've possibly meant taking a semester off until I was able to find the money to return. I thank God for those people who donate to this fund, because they are helping more than they could ever imagine." *

Story by Riley Iosca





Before anyone realized that 2020 would mark the first-ever virtual Design Day, it was clear the event would be special: It was the first year the day was celebrated as part of the college's new Craig M. Berge Engineering Design Program.

Craig M. Berge earned his degree in mechanical engineering from UArizona in 1957. After his passing in 2017, his family, including his wife and fellow UArizona alumna Nancy, made a generous gift to the college. The funds endowed a dean's chair and named a program that provides hands-on design experiences for undergraduates at all levels.

"Craig loved to design and build things," Nancy said in an opening message to students. "So I know he would cheer you on as you faced every obstacle this year. He'd smile at the creative solutions you came up with. And he'd be thrilled by your brilliant designs. But most of all, he would love the caring and support you've given each other. Craig had a big heart, and he cared for everybody. By helping one another and working together, you've made it to the end of this program that now bears his name."

For nearly two decades, Engineering Design Day has been a celebration of seniors, who spend their yearlong capstone course designing and building technology for industry and university sponsors. When COVID-19 restrictions cut short timelines and eliminated in-person meetings for the Class of 2020, its members exemplified what good engineering is all about: creativity, ingenuity and unmatched problem-solving skills.

Physical distancing meant that students' work was showcased and rewarded differently. 115 capstone teams submitted video presentations of their projects for evaluation by external judges and award sponsors. At the first virtual Design Day awards ceremony on May 5, Associate Dean for Academic

Affairs Jim Baygents announced the winners of \$44,750 in prizes.

"After these numerous unprecedented challenges, Design Day is a celebration," said David Hahn, Craig M. Berge dean of the college, welcoming more than 450 online attendees. "It's a celebration of your success, and of the Wildcat spirit."

The winners of the \$7,500 Craig M. Berge Dean's Award for Most Outstanding Project created a device to improve a surgical procedure on the tibia, for sponsor company Paragon 28. Other biomedical projects included a method for gathering data about epileptic seizures and a virtual reality system to combat eating disorders.

Many projects also focused on sustainability, including a renewable off-grid energy system, a plan for creating vertical vegetable farms in abandoned shopping malls and a method for creating bricks for emergency shelters out of recycled plastic.

"When COVID-19 became a global pandemic, we had to stop our prototyping, and we quickly switched to a paper process and paper brick design," said chemical engineering student Stanley Wong. "However, we did not let what we had accomplished in person together go to waste. A lot of our process is based off the results we were able to obtain from prototyping."

"This project has prepared me for life after school, as I've learned professional, social and academic skills that will have an impact on my professional career," said biomedical engineering student Alejandro Ortega. "I also learned the value of getting out of your comfort zone to achieve great things." *

Story by Emily Dieckman

"We did not let what we had accomplished in person together go to waste."



LEGENDARY EXPLORER

Remembering J. David Lowell

After graduating from the University of Arizona with his mining engineering degree in 1949, J. David Lowell dedicated his life to exploration geology — and to cheering for his alma mater. During his first year at the university, he played football and met Edith Sykes, the varsity athlete and anthropology major who would become his wife. As recently as last year, David could be spotted in the stands sporting his vintage letterman jacket.

Though unusually humble and genial, in the world of mining, David was a legend in his own time. He was respected not only for his willingness to take risks, but for how strikingly often the intersection of his theoretical knowledge and his willingness to depart from conventional wisdom yielded untold vistas.

Finding a minable deposit of any kind constitutes a successful career as an explorationist, because most never discover even one. David discovered two gold deposits, and that is just a footnote to his greater legacy. He also discovered more copper than

anyone else in history, including the largest known copper deposit in the world: Escondida, in Chile. In total, he is credited with the discovery of 17 deposits resulting in 10 mines.

David was inducted into the American Mining Hall of Fame in 2002, and the list of his professional awards is extensive.

Wildcats for life, David and Edith supported the university with transformational gifts toward athletics and mining education. David maintained a deeply rooted interest in the UArizona community and kept up with several university presidents, geosciences faculty members, and athletic directors and coaches.

Campus legend has it that he also had an uncanny ability to predict the scores of UArizona games, particularly football and basketball. A lesser-known fact is that he bet in favor of the Wildcats every time. *

Story by Riley Iosca

AN INDELIBLE MARK

The legacies of David and Edith Lowell permeate campus. The Lowell-Stevens football facility would not be the spectacular tribute to athleticism that it is today without the Lowells. The couple also endowed the Lowell Institute for Mineral Resources, which allows for unique interdisciplinary approaches to all facets of mining.

And, significantly, the Lowells have gifted UArizona with five endowments over the years, including a professorship in mineral resources, a department chair in geosciences, a program in mineral resources, the Institute for Mineral Resources and a scholarship endowment.



This year, the University of Arizona celebrates the 40th anniversary of the Strategic Alternative Learning Techniques (SALT) Center. Since 1980, the center has helped students with learning and attention challenges make the most of their college education.

Through the SALT Center, students learn organization skills, time management, and how to set study routines and prepare for tests. From its humble beginnings, when only three students used its services, the SALT Center now serves 700 students who make 30,000 annual visits for comprehensive individualized assistance.

SALT Center alumna, Emily Pendleton is one example of how Arizona graduates use the strategies they learned at the SALT Center to become accomplished professionals. After a successful career in retail, Emily is now a Strategic Learning Specialist at the center and uses her knowledge and passion about learning differences to help students thrive.

"I've sat in their exact chair and understand what their struggles might be. Parents support their students, but they may not know exactly what it's like," Emily said. "When I went to the SALT Center, it wasn't in this beautiful building — we were in a section of Old Main, and there were three learning specialists per office. Now, we serve 700 students

and we meet in private offices, so students don't have to feel the pressure of someone overhearing them. The SALT Center's growth has been enormous."

"There's no other program that's out there that does what the SALT Center does," Emily added. "I have such a passion for our mission."

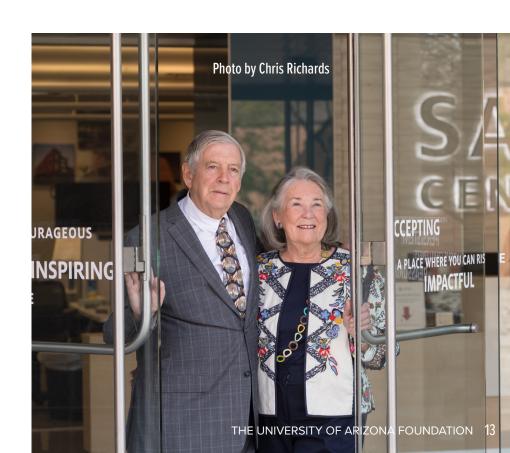
Many of the center's milestones of the past decade can be attributed to the generosity of Patricia and Bruce Bartlett. The Bartletts' relationship with the SALT Center began in 2004 when their son, Ben, was a student in the program. "I always say that Ben graduated, but Pat stayed," said Bruce with a laugh.

The Bartletts have invested time and again to ensure that the SALT Center continues to expand services and increase its impact on students' lives. Their most recent \$8 million gift is launching a new multidisciplinary research effort that will be known as Bartlett Labs. With a robust research agenda in place, the new endeavor aims to enhance our understanding of college students who learn differently and the best ways to support them. *

Story by Kim Stoll

"Among our valued philanthropic partners, Bruce and Patricia Bartlett stand out as giants. The multiple generous donations the Bartletts have made over more than a decade demonstrate their incredible commitment to helping students who learn differently excel at UArizona and beyond."

—Gabrielle Miller, Ed.D, Executive Director, SALT Center



A WONDERFUL LEGACY



Sandra Aley was once one of four girls who "ran up and down the alley laughing and walking to school and supporting each other through 12 years of Flowing Wells," says her cousin, Debra Bergman.

Aley died from pancreatic cancer in January. A few years before, she made a planned gift to establish the Sandra, Pamela, and Polly Aley Scholarship Endowment, valued at \$4.6 million. Starting this fall, selected graduates of Flowing Wells High School can pursue educations at the University of Arizona with full-ride scholarships in honor of Aley and her sister and mother.

The Four Amigas

Aley and her sister Pamela, plus Bergman and her sister Kathy, were close in age and formed a tight group inside and outside the school system on Tucson's northwest side. Aley's passing made Bergman the last of the group.

Bergman's mother was Tohono O'odham, and she thinks she and her sister were two of only three Native Americans in their school at the time. While other minorities were represented, the student population was predominantly white.

"Sandy was one of the first to say, 'Hey, you don't talk to my cousin that way.' Because of that, she had a much broader perception of racism and how people of color can struggle and what she wanted to support."

The student body of Flowing Wells High School is now 70% Hispanic, and 75% of students live in poverty, according to Principal James Brunenkant.

A Life and Career

"Sandy's ambitions came from my mother, because she grew up watching my mother earn three degrees," Bergman says.

Bergman's mother, Alice Paul, was the first Tohono O'odham tribe member to earn a doctoral degree at UArizona. She encouraged Aley to attend Arizona and helped her find scholarships.

Aley completed a degree in pharmaceutical sciences and worked in the field for several years before becoming a flight attendant for American Airlines. She worked from New York City, leading a team flying international routes before returning to Tucson to care for her sick mother.

Aley inherited money from her sister and mother and was a saver herself.

"She felt the money that she, her sister and her mom accumulated needed to support the graduates who could not go to college if they did not have a scholarship," said Bergman.

Bergman grieves for Aley, as well as her sister Kathy and cousin Pamela. She plans to retire next year, and she and Aley were going to travel, with Aley taking her to some of the international destinations she visited as a flight attendant. Bergman finds comfort in knowing this scholarship will continue to honor the legacy of her two cousins and aunt indefinitely.

"As academic achievers, I know the students who receive this money will take full advantage of it and realize what a gift she has bestowed." *

Story by Katy Smith



As soon as the construction dust settled this spring on the Angel Charity for Children Culinary Education Center, produce was harvested from the fields outside the center's doors, and savory smells from the cooking veggies filled the center's rooms. In 2018, Angel Charity for Children selected Tucson Village Farm (TVF) to receive a \$445,000 grant to help build its capacity for teaching area youth how to prepare healthy meals and snacks with the produce grown through TVF's outreach programs.

Headquartered near the southeast corner of Campbell Avenue and River Road, TVF is a Pima County Cooperative Extension program under the University of Arizona's Division of Agriculture, Life and Veterinary Sciences, and Cooperative Extension. Through TVF, local children and families learn healthy living habits that can help prevent nutritionrelated diseases, such as Type 2 diabetes and hypertension.

Carla Keegan, Angel Charity 2018 general chair, said TVF "knocked it out of the ballpark" with their grant application and presentation.

"We got behind the idea that kids need proper nutrition. So many things are connected to having access to nutritious meals, like being able to focus and do well in school," Keegan said. "Children need to learn to prepare healthy meals and snacks for themselves, instead of just sticking something in the microwave. Building the Culinary Center would allow the farm programming to truly carry out its seed-to-table mission." Ethan Orr, interim director of Pima County Cooperative Extension, said it was an honor for Angel Charity to pick TVF for their premier annual award.

"We're grateful to be part of their legacy of commitment to our community," Orr said.

The Angel Charity Culinary Education for Children Center spans nearly 3,600 square feet, featuring a state-of-the-art teaching classroom, workspaces for TVF's staff and volunteers, outdoor spaces for education programs, and room to grow. In addition to the Angels' investment to construct the center, a family with Arizona ties fully funded the commercial kitchen equipment in memory of Theodor and Margaret Troller.

Susan Kentosh, TVF's advisory board chair, said Angel Charity for Children's gift was a game-changer.

"This gift greatly accelerates our ability to further our mission of reconnecting young people to a healthy food system, teaching them how to grow and prepare fresh food, and empowering them to make healthy life choices," Susan said. "We are so grateful for their support." *

Story by Kim Stoll

TVF FAST FACTS

- Thousands of schoolchildren, from preschool to high school, visit TVF each year.
- In 2019, TVF reached 11,053 youth and 3,977 adults and delivered 62,117 hours of educational programming.
- TVF hosts events for the whole community, including weekly u-pick markets, where visitors can harvest their own affordable, locally grown vegetables, and larger gatherings like the annual Harvest Festival and Holiday Market.



HONORING A LIFETIME OF

DETERMINATION



Photos by University of Arizona Health Sciences

Fayez Ghishan was born in Jordan, the oldest of nine children, and credits his mother with instilling in him a desire to pursue medicine. When he was 16 years old, Ghishan left home with only \$30 to his name and a grand ambition to become a doctor. That year, he was accepted into medical school in Turkey.

From early in his life, Ghishan recognized that too many children in the world were dying of diarrheal diseases. In fact, the U.S. Centers for Disease Control and Prevention name diarrheal diseases as the secondleading cause of death worldwide for children under age 5. This fueled Ghishan on his path to becoming a pediatric gastroenterologist.

In over 40 years of work in pediatric gastroenterology and 25 years at the University of Arizona Health Sciences as the director of the Steele Children's Research Center in the College of Medicine - Tucson, Ghishan has made impressive contributions to his field. These include groundbreaking scientific discoveries, such as cloning genes involved in intestinal function; writing hundreds of research articles on studies to advance the world's knowledge in his area of study; earning continuous funding for his research for three decades; and twice receiving the National Institutes of Health's prestigious MERIT Award for "Consistent and Excellent Contributions to Scientific Knowledge."

Now, members of the Phoenix Women's Board of the Steele Children's Research Center, known as People Acting Now Discover Answers, or PANDA, have honored Ghishan's legacy by establishing an endowed directorship in his name at the Steele Children's Research Center. PANDA members created a \$5 million endowment to acknowledge in perpetuity Ghishan's research, his commitment and connection to pediatric patients, his passion for educating future physicians and his ability to make people feel heard and respected.

The Fayez K. Ghishan, MD, PANDA Endowed Directorship at the Steele Children's Research Center will enable Ghishan's commitment to children's health care to live on in every person who steps into the center's top leadership role. *

Story by Andrea Kelly

Photo of Dr. Ghishan with his grandchildren by Allison Tyler Jones

"We've met families who have gone all over the country and spent thousands of dollars with no solution. And then they end up at Steele, and within one visit they're on their way to finding answers. It's truly incredible."

—Tammy Ryan, president, PANDA



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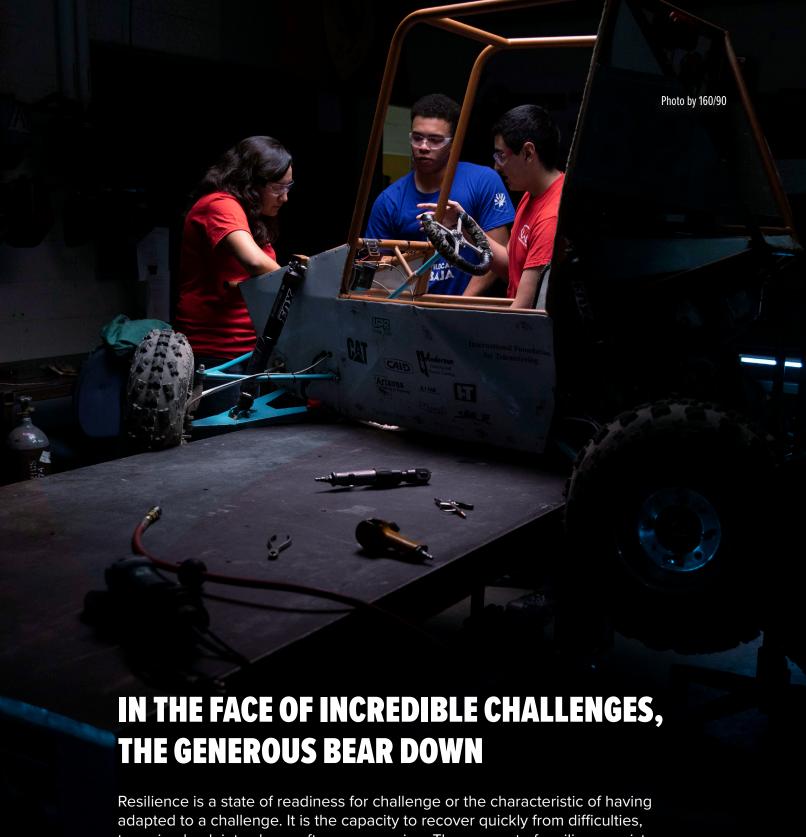
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to spring back into shape after compression. The concept of resilience exists across numerous disciplines, from engineering to ecology, from physics to psychology, even from systems theory to dance. It exists in so many different fields because it is fundamental to how we live. At this exact moment, we can rise to the occasion of overcoming adversity, and we can do so through the power of generosity. Let's seize the opportunity to be the champions of today's students as they learn to be the engineers of tomorrow's solutions.

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