



IMAGiNE 2030

ANNUAL REPORT





IMAGiNE 2030

AMBITIONS

WE ASK YOU TO IMAGINE. Because that's where it all starts. With wanting to become something. To know something. To find answers. That's what we're doing at SIU. We are striving to become, to create knowledge, to find answers that will make the world a better place. Ambitious? Yes. Within reach? Also yes. Because we start with imagine. And then we add opportunities, a supportive community, encouragement to venture into new territory, and hard work. That's SIU. That's what it means to be a Saluki.

We are eyes-on-the-horizon, looking ahead with our Imagine 2030 Strategic Plan — our collective dream of what a university can be. It's all about student success, our commitment to diversity, equity and inclusion, and our move to be a world leader in innovation, research and academic achievement. It's our commitment to true sustainability. It's community.

Wander through these pages to gather an idea of the partnerships we've forged, the discoveries we've shared, the progress we've made.

Are we there yet? We are on the way.



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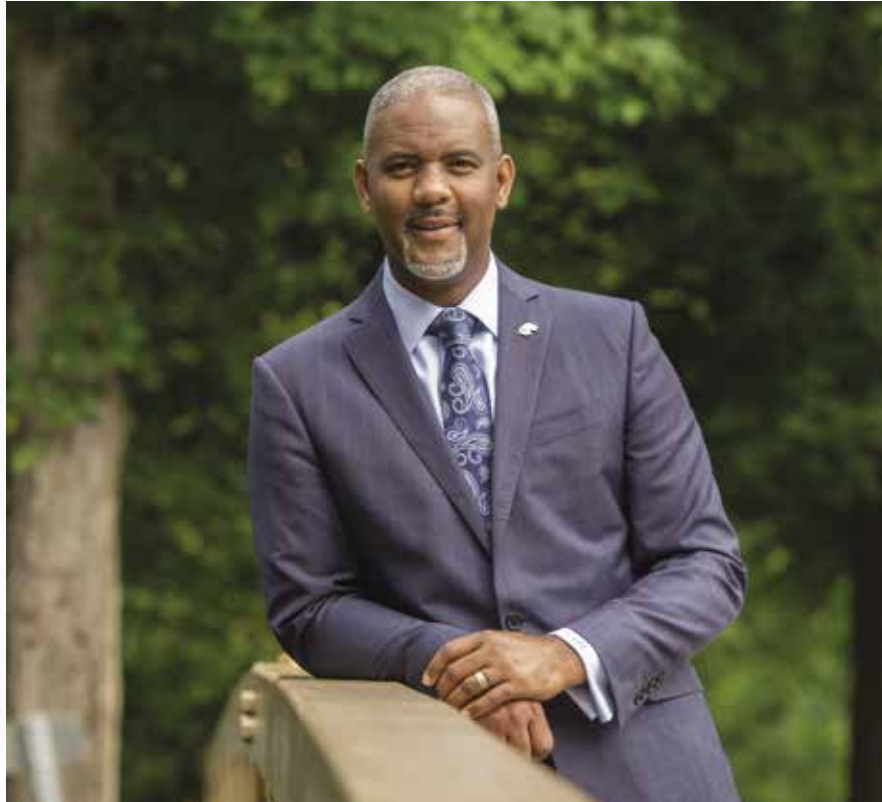
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IMAGiNE 2030





We can all be proud of academic year 2021-2022. As a university and as individuals, we surpassed unprecedented challenges and navigated a demanding landscape. But we didn't just survive -- we thrived. We made significant strides toward the goals outlined in our strategic plan, our collective dream of what a university can be: Imagine 2030.

One reason for our achievements is our shared vision. Imagine 2030 isn't the chancellor's plan. It belongs to the entire university. Success requires imagination paired with hard work. Salukis are familiar with both. We are eyes-on-the-horizon, long-view vision. And we are keep-going, earn-it dedication. That's the way we've always been. That's the way we'll bring this plan to life and make it succeed.

Over this past year, we have built on our historic strengths and our legacy of success. And we have adapted to the world around us, striving to become better versions of our best selves.

These are our strategic pillars:

- Student Success & Engagement
- Diversity, Equity & Inclusion
- Branding & Partnerships
- Research & Innovation
- Sustainability

These are interconnected, multi-faceted focus areas. Though they are important considerations for any university, the factors that make SIU unique contribute to a distinct environment, experience, and academic adventure -- a combination that can only bloom here in Southern Illinois, in Saluki Country.

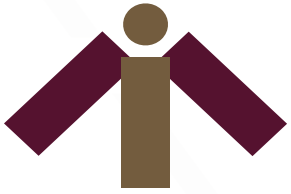
I invite you to celebrate our achievements, as outlined here in this annual report, this progress check. We set forth a bold ambition for university. We aren't there yet. But we are on the way.

I want to thank all of you here at Southern Illinois University Carbondale -- inspiring faculty and students, dedicated staff and administration, and our cherished alumni. We will see this collective dream become reality. Nothing can quell the Saluki spirit, and I am proud to be your Chancellor.

Thank you for being part of Imagine 2030.
GO SOUTHERN GO!

Austin A. Lane
Chancellor, SIU Carbondale





STUDENT SUCCESS & ENGAGEMENT

OUR COMMITMENT TO STUDENT SUCCESS BEGINS EVEN BEFORE DAY ONE. It begins at our open houses and campus tours, at our visits to high schools, and at events that bring hundreds of junior and high school students to campus — such as the Accounting Challenge and the FFA Greenhand and COLT conference. It begins with recruiting.

We have turned particular attention to our own region. Southern Illinois is an important part of our student success story. As Chancellor Austin A. Lane says, “SIU Carbondale and the Southern Illinois region need each other.”





HANDS-ON TECHNOLOGY. Jessica Cataldo, assistant professor of health care management, teaches students in the state-of-the-art Experiential Learning Lab for Informatics Education (ELLIE), where they receive hands-on training with specialized software programs to enhance their technical skills and prepare them for internships and jobs.

HERE IN SALUKI COUNTRY

- **34% increase** in enrollment from the Southern Illinois region for fall 2021
- **Hand-delivering good news!** Imagine this: You are a high school student, sitting in class, thinking about your future... and in walks Gray Dawg! And the chancellor and a few other SIU people—to hand deliver good news! We made it real for the Chancellor's Scholars and the Provost's Scholars from this area.

Chancellor's Scholarship. Tuition + mandatory fees = 4 years for new freshmen

Provost's Scholarship. Tuition + mandatory fees = 2 years for transfer students

- **Turning up for Honors Night.**
16 area high schools
\$4.4 million in scholarships
Offers to 200 potential freshman



On The Radio

Joran Wise

Audio/Radio Production major

Dr. Beverly Love and Mr. Wyatt Wallace Single Parent Scholarship, Randy A. Daniels Minority Scholarship
Member of WSIU Radio and River Radio staff
Transfer from John A. Logan College

Joran grew up wanting to be on the radio. She's living her dream before she's even graduated.

Some of her favorite things about SIU? The hands-on radio production experience, and the interaction and involvement of faculty and staff with students.





SALUKIS EVERYWHERE

- **Saluki Commitment.** Now also in a Transfer Commitment version. Our pledge to close gaps between financial aid and the cost of tuition and mandatory fees statewide for Illinois students who qualify. Offer now extended to transfer students, too!
- **Saluki Step Ahead.** Another way we'll help make it happen. An agreement with community colleges to provide remote learning options for qualified students to earn SIU bachelor's degrees.
- **Hope Chicago** A suite of comprehensive support for qualifying students. It's an innovative program, and SIU is proud to be part of it.
- **It's a Saluki Nation.** We've done away with out-of-state tuition. And we're promoting SIU in border states and beyond.





SALUKI SUCCESS

It's not enough simply to bring students here. We are improving the network of support our students need to excel when they get here.

- **84.1%** retention rate. Our '21-22 freshman class, fall to spring = the biggest freshman class in 5 years.
- **1,800+** students crossing the stage at SIU commencement. Bachelor's degrees, master's and doctoral degrees, and law degrees.
- **First Saluki Center.** We've always welcomed students who were the first in their families to get a college degree. Now they've got a center devoted to their needs.



FLYING HIGH AGAIN. The Southern Illinois University Carbondale Flying Salukis continued to be a consistent power in collegiate aviation with a fifth-place finish at the recent National Intercollegiate Flying Association championships. "The ability to stay in the top 5 for 13 years is an awesome accomplishment. We have an amazing flight program and talented flight team members here at SIU. This just shows the strength of our program when compared to other collegiate aviation programs." Nathan J. Lincoln, Flying Salukis coach and senior lecturer in Aviation Management



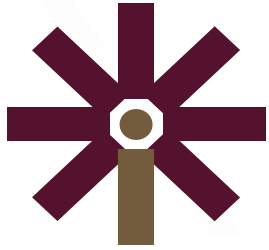
Catching Some Rays

The Green Roof Team

Olivia Sapp (Electrical Engineering), Nelson Fernandes (Mechanical Engineering), Prem Rana (Computer Science), Aron Taylor (Mechanical Engineering) Also: Gustavo Felicio Perruci, SIU alum Solar District Cup Collegiate Design Competition. The challenge: Design and model solar-plus-storage systems for a campus or district SIU team — Photovoltaic (energy-generating) roof system 2nd place in competition. Now a fledgling business.

"During my time at SIU, faculty and professors on campus provided incredible resources and opportunities that allowed me to explore my passions and understand my values professionally and personally." Nelson Fernandes





DIVERSITY, EQUITY & INCLUSION

WELCOME TO WELCOME. SIU has recognized the importance of a diverse community since we first opened our doors in 1869 as a teacher's college. Education means growth, and growth requires change—staying the same is not an option. Homogeneity—of opinion, of ethnicity, of sex and gender, of socioeconomic position—does not leave room for growth. And so we seek to remain multi-faceted. The eclectic nature of our Saluki community encourages every student to find their own beat, and to contribute to the overall rhythm that makes us who we are.

We don't take it for granted. We celebrate our diversity as a campus, taking joy in the achievements of all Salukis. And we guard against complacency by investing in campus resources that ensure present and future welcome especially for underrepresented communities.



SALUKI COMMUNITY LEADERS.

Welcome.

- Paul Frazier. Vice Chancellor for Diversity, Equity and Inclusion. ***"SIU has the components to take diversity, equity and inclusion to the next level."***
- Renada Greer. Student Multicultural Resource Center, executive director. ***"I look forward to helping students grow and learn around the ideals of social justice, anti-racism, equity, diversity and inclusion."***
- Angela Towne. New LGBTQ Resource Center coordinator. Towne has already scheduled a number of special events and activities, including All Bodies Welcome Yoga, Drop-in Volunteer Lunch Hour, and collecting items for transitioning students who visit the Career Development Center's Professional Clothing Closet.

SALUKI HORIZON. Always looking forward.

There's no standing still when you're trying to build positive change. We aren't a passive breed. Here are some of the new ideas we've been developing to foster a diverse, inclusive campus community.

- Diversity Prelaw Summer Institute. SIU Law School inaugural event. Approximately two-thirds of minority applicants to law schools are not accepted, primarily due to low Law School Admission Test (LSAT) scores. This institute aims to change that. We invited a diverse group of 15 students to learn more about law professions, and to develop strategies to help them soar into law schools.

"The experience will benefit rising junior and senior college students as they get a glimpse of what law school is like. Our institute will also enrich our legal system. Representation matters, and multiple perspectives instill trust. We tend to trust a system when we see ourselves among the advocates and decision makers." — Camille Davidson, Dean of the SIU Law School

- Diversity, Equity, Inclusion & Social Justice Fellowship – School of Education

This inaugural fellowship will be awarded to three to five graduate students, who will be eligible for full financial support for up to three years. These fellows will prepare to address structural inequalities in educational settings, and explore programs and practices leading to improved educational access and opportunities for all students.

"We want to help address issues of structural racism in our country, and we believe we can do that by capitalizing on our strengths. One of the best ways is to prepare scholars to study problems, and prepare policies to dismantle the causes of those problems."

– M. Cecil Smith, Dean of the School of Education

- Diversity Week. The first time two times in a row. We launched a virtual Diversity Week in 2020, and we hosted an in-person/virtual hybrid Diversity Week for the first time in 2021. The celebration brought us guest speakers, moderated discussions, and even an inclusive dance performance. We honor our differences and strengthen what brings us together.
- Conversations of Understanding. Join us as we seek to create an antiracist university system.



Family Tradition —From Overseas.

Keeping the Saluki Legacy alive in Nigeria – with multiple degrees. Oumou Saidou, left, earned her bachelor's in Business Management, and now she's en route to her MBA. Fanta Saidou, right, has an SIU bachelor's in Biological Sciences, a master's in Public Health, and she's working on her doctorate in Health Education. Their father, Saidou Hangadumbo, holds an SIU doctorate in Health Education, and their oldest sister has a Ph.D. from SIU's School of Medicine in Medical Microbiology. Another sister is working on an SIU degree in Social Work.

Now that's a Saluki Family!



BLACK BREAD COMPANY.

SIU alum Charles Alexander (middle) is the co-founder of the world's first Black-owned gourmet sliced bread company. He returned to campus for SIU TRiO Week to encourage Salukis to follow their dreams and to believe in their ideas. He credits SIU with instilling in him "the importance of grit, persistence and networking." Also shown are co-founders Jamel Lewis (left) and Mark Edmond (right).



CONGRATULATIONS to our community.

- LGBTQ-Friendly-Colleges and Universities. Best of the Best ranking – Top 30 -- by Campus Pride index.
- Best for Vets: Colleges 2021. Military Times, the most comprehensive ranking of colleges and universities for military service veterans.
- Diversifying Higher Education Faculty in Illinois Fellows. A graduate-student fellowship designed to increase the number of minority full-time tenure track faculty in Illinois. Congratulations to: Evelyn Aden • Dakota Rose Discepolo • Quianya Enge • Steven Gear • Jeffrey Payne • Olivia Slater • Daniel VanOverbeke
- Judge William Holmes Cook Fellows. Leonard K. Gadzekpo and Raymund E. Narag
- SIU fellowship awarded every 3 years to minority tenure or tenure-track faculty

SHOUT-OUT to the SCHOOL OF LAW and STILLMAN COLLEGE

A new agreement between the University and the historically Black liberal arts college aims to increase diversity among attorneys. Collaborative academic activities will help pre-law students prepare for law school.



CAMP LITTLE GIANT. The Touch of Nature Outdoor Education Center hosts day camps for youths and adults with cognitive, developmental or physical disabilities. It's the first university-affiliated summer camp of its kind and is celebrating its 70th anniversary in 2022. The camps also provide an outstanding learning experience for SIU students in several education and recreation profession career paths.



INTERNATIONAL FESTIVAL. A popular campus event and a 60-year tradition, SIU's International Festival features an international food festival, cultural show, and the Parade of Flags, among other events.



CALENDAR

Black History Month
February

Women's History Month
March

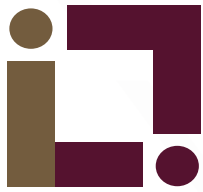
Asian American/Pacific Islander
Heritage Month
May

LGBTQ Pride Month
June

Hispanic/Latinx Heritage Month
Sept. 15-Oct. 15

Native American Heritage Month
November





BRANDING & PARTNERSHIP

OUR COLLECTIVE DREAM OF WHAT A UNIVERSITY CAN BE — a “first-choice” institution, one that is comfortable in flagship university company. A University that is a strong partner in its neighborhood, and in the greater community of the region. A University that makes the world a better place, that exists to make an impact.

The Imagine 2030 Strategic Plan is an important part of defining who we are. It’s a key part of our mindful growth. Without will, there is no direction. As a University, we are stating our intentions: Imagine the Possibilities.



IMAGINE

We have a long history of opening doors for people who want to learn, who want to become something more, to be part of something bigger than themselves. That’s because we believe in possibilities. In potential. And that requires imagination. Not just the daydreamy kind — the think it, do it, achieve it kind.

And it takes community. We aren’t here just for ourselves.

COMMUNITY PARTNERSHIPS

The university is part of Carbondale, and Carbondale is inconceivable without the university. You could even say the city is part of the classroom. It’s not just the things you would expect — the student teachers,

the clinical and residencies for healthcare students, and the internships for so many others. It’s also what our students give — their time. Salukis log thousands of hours of volunteer work in Carbondale and the region, so much that the Carnegie Foundation for the Advancement of Teaching recognizes SIU as a Community Engagement University.





Here's what we're doing that's new.

- An agreement with the Girl Scouts of Southern Illinois will provide mentoring and educational opportunities, summer camps, and potential scholarships for junior high and high school students — encourage them to pursue STEM careers.
- An agreement with the Scouts BSA Greater St. Louis Area Council and Lincoln Heritage Council will provide educational possibilities for Scouts in five states and encourage them to pursue STEM careers.
- An agreement with Carbondale Elementary School District No. 95 will provide mentoring and educational opportunities, summer camps and collaboration between the university and the 1,500-student district.
- Other, similar agreements include: Girls Inc. of St. Louis, East St. Louis School District 189 and Cahokia Unit School District No. 187.

And here's what we're doing with the business community.

- Our Office of Innovation and Economic Development is a continual support for area start-

ups, established businesses and entrepreneurs. The new Research Enabled portal is a tool the connects companies with the wealth of expertise and resources at the seven campuses of Southern Illinois University and the University of Missouri. The resource is funded by an Economic Development Administration i6 Challenge award

- SIU students are prized interns in the business community. For some students, offering assistance with marketing or business plans to area businesses is even in their curriculum as part of their coursework.



Sending a student to college is a whole-family event.
We make it easy for you to stay connected.

From Family Weekend to daily-life resources.

Check here.



admissions.siu.edu/family

SIU. Imagine the Possibilities.



SIU
CARBONDALE

Carbondale, Illinois
62901-2000
Phone: 618/529-1234
Fax: 618/529-1235

We believe in community. And inclusivity. That means we embrace our Salukis' families — all types of families. We help support the support system.



SIU, SIH EXPAND PARTNERSHIP TO ADDRESS NURSING SHORTAGE

- Qualified candidates can earn their Bachelor of Science in Nursing degree in about a year with a fully funded scholarship.
- The scholarship program advances the collaboration that has been in place for some time. SIU began its Bachelor of Science in Nursing program in 2019, thanks in part to a \$1 million pledge from SIH.
- We anticipate our program will provide training for about 300 students over a four-year period.



“As two anchor institutions in the Southern Illinois region, SIU Carbondale and SIH have a responsibility to meet the needs of our community. I am grateful to SIH for its support and excited that our university is providing even greater opportunities to our students while benefiting the people who live right in our own backyard.”

– Chancellor Austin A. Lane



CITIZEN SCIENTISTS

- Brent Pease, an Assistant Professor in the Forestry program, launched Sounds of Nature, a community research project aimed at understanding changes in biodiversity over time by recording and monitoring “soundscapes” — the collective sounds emanating from a given area.
- The inaugural event was May and June, 2022, with plans to make the project annual.
- In this first year, Pease focused efforts in Southern Illinois and specifically its southern-most 16 counties.
- Pease, along with forestry graduate student Elaine Metz and Shasta Corvus, of the School of Forestry & Horticulture, plan to monitor some predetermined areas. But they hope to fill in the gaps with help from citizen scientists.



We get that a lot.
See for yourself.
Come for a visit.
Open House. Daily Visit.

visit.siu.edu
Virtual.
siu.university-tour.com

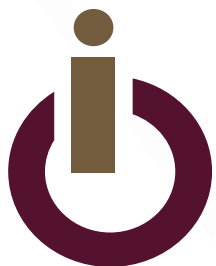


SIU
CARBONDALE

NEW FRONT END
U.S. Forest
Hill
Campus, IL
Carbondale, IL

Students who choose SIU often say “When I visited campus, I just fell in love with it.” Campus Lake, Thompson Woods, the sculptures scattered around campus, and most of all — the people.



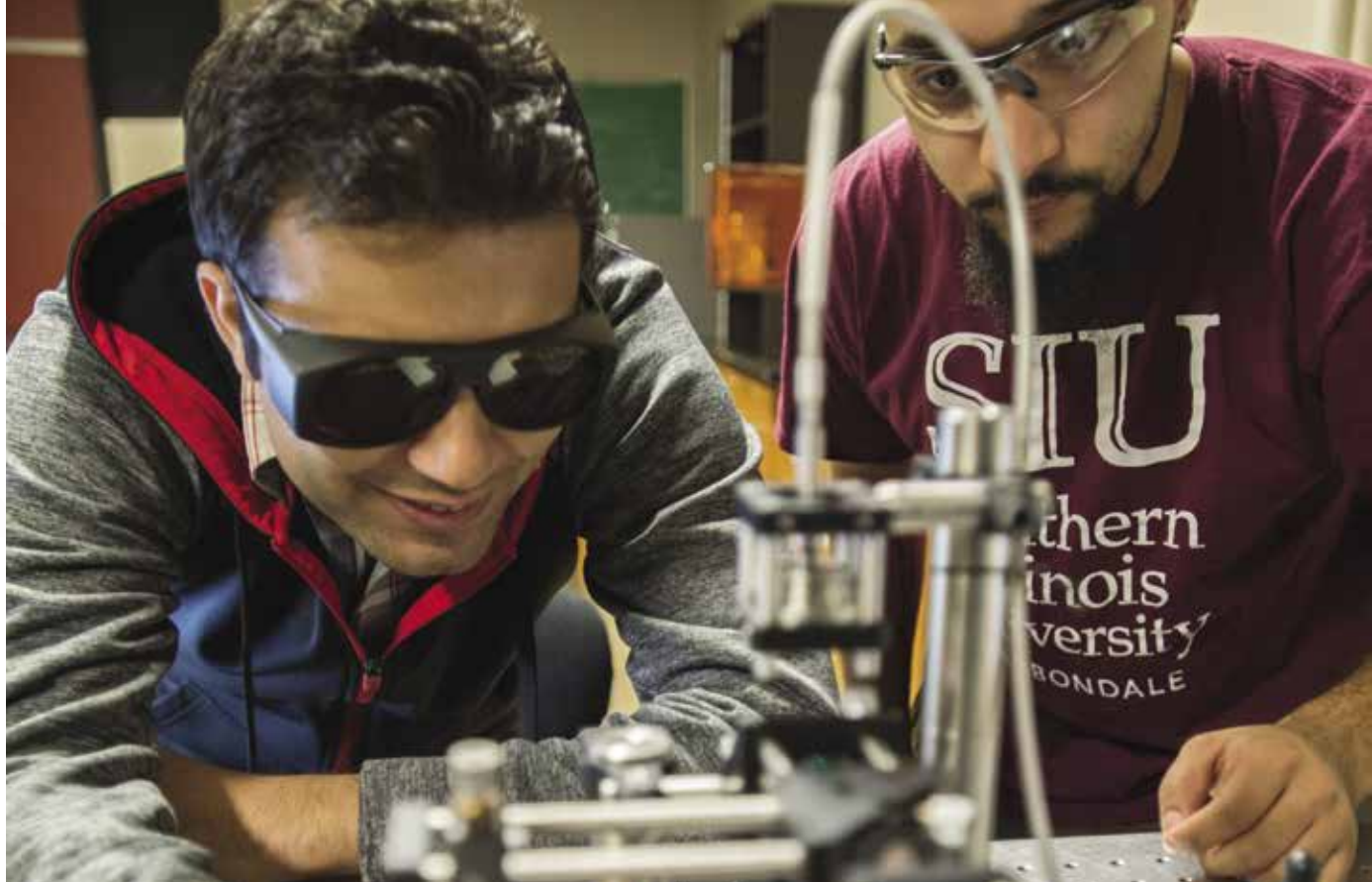


RESEARCH AND INNOVATION

RESEARCH IS KNOWLEDGE CREATION, discovery or innovation. Research is exploration – a way to answer a question or investigate a key idea.

Our status as a research university means opportunities. We are able to attract and keep top faculty members, who find an atmosphere supportive of their ambitions. And we are able to offer our students, even in their freshman year, experiences often reserved for graduate students at other universities.

The importance of this cannot be overstated. It's why Salukis are confident enough to step outside their comfort zones. It's why the entrepreneurial, "I got this" spirit thrives here—in all colleges. We encourage independent thought, and we provide the supportive and yet challenging learning atmosphere where it can happen.



COMING SOON. Research Resources.

Illinois Food, Entrepreneurship, Research, and Manufacturing (iFERM) Hub

- Solve food/nutrition, agriculture, and health challenges through interdisciplinary research, innovation and education.
- Provide infrastructure for the development of Illinois agriculture value-added products to promote and support successful entrepreneurial activities.
- Benefit SIU students and researchers.
- Enhance public-private partnerships.



2022 STUDENT CREATIVE ACTIVITIES AND RESEARCH FORUM

You can see the diversity of faculty research in the projects their students undertake. This annual event brings undergraduate and graduate students together to showcase their original research projects, some of them funded through our REACH program.

The importance of sustainability and the natural world is evident at SCARF, with research posters on cover crops, microplastic and heavy metal contamination, wind turbine construction, floodplain nitrogen storage, pollinators, and aquatic nutrients.

Students studied naked mole rats, cranes, white-tail deer, burrowing crayfish, cattle, canines, and silver carp.

They looked at vitamin supplements, imagination and child development, rural mental health care, transgender voice therapy and mask effectiveness.

And they studied technology in archaeological investigation and selective laser melting.

New knowledge. New perspectives. That's what it means to be a Saluki.

LOOKING FORWARD.

Indirect Cost Recovery Task Force

Chancellor Lane assembled a task force, led by Tom Shaw, associate professor in the School of Health Sciences, to provide a new model to recover indirect costs associated with externally funded research and service grants, and for distributing the funds.

Here are their recommendations:

- Funding support for undergraduate research
- Return indirect cost recovery funds to faculty to incentivize expanded research efforts
- Funding for equipment purchase/upkeep in the research support facilities
- Invest in centralized research infrastructure
- Provide a chancellor's allocation that also is designated to cover information technology and Morris Library support.



Big Data, Big Discovery. Dan Hummer, Assistant Professor in SIU's School of Earth Systems and Sustainability, holds a sample of the manganese mineral purpurite, which would have formed after oxygenation of the Earth's atmosphere. In a study published in Nature Communications, Hummer provides important answers about how Earth chemically and geologically evolved after this event.



Double Major. Double Opportunity.

Francesca Burkett

2021 Lincoln Laureate

Double major: Geology, History

Francesca is putting her double major to use in her study of the mineral analysis of Roman concrete. She examined how the combination of seawater, lime, and volcanic ash changed the mineralogy in the concrete, and tested the compressive strength of her samples.

"I've had the chance to work with professors and students from all over campus. In particular, both the geology and history programs have been wonderful, and I've enjoyed every class in both."



SHOUT-OUT to GRANT-FUNDED SIU FACULTY

Total external funds for research and service: \$82.1 million. \$44.7+ million in outside research and service-based grants. Plus, \$20.9 million in Higher Education Emergency Relief Fund. Plus \$16.5 million in external awards to the SIU School of Medicine.

MAKING IT BETTER.

Practical applications of high-level research are part of SIU's mission to make a positive impact on the world.

- **Sandwich materials.** **Sabrina Nilufar**, Assistant Professor in the School of Mechanical, Aerospace, and Materials Engineering, is working on ways to more easily and efficiently construct so-called "sandwich" materials used in everything from automotive to marine and aerospace applications. Funding includes: 2-year, \$200,000 grant from the National Science Foundation
- **Illinois Manufacturing Excellence Center grants.** School of Mechanical, Aerospace and Materials Engineering faculty. **James A. Mathias** will study ways to enhance resilience and sustainability for small and medium-sized manufacturers in Southern Illinois. **Kanchan Mondal**, School Director, will create a Resilient, Adaptive Production leveraging IoT Disruptions (RAPID) Testbed, to examine industrial IoT, a new concept in fully connected, transparent, automated, and intelligent factory setup.



FEEDING THE WORLD.

Research for the community and the world.

- **Sniffing out toxins.** **Dakota Discepolo**, and **Cierra Crowell** are training dogs to sniff out a mycotoxin that can occur under the right moisture conditions in grain crops such as corn, wheat or barley. The toxin can be fatal to animals and humans, leading to the loss of entire fields upon harvest and testing.
- **Zapping weeds.** **Karla Gage**, Associate Professor of Weed Science and Plant Biology, is part of a team working on The Annihilaator 6R30 Weed Zapper, a patented electric weed control unit mounted to a tractor. As certain weeds become increasingly resistant to traditional herbicides, farmers are looking to other, non-chemical methods of weed control. SIU research in this area includes weed seed control and inter-row cultivation.



HELPING THE HELPERS.

SIU researchers rose to the challenge during the pandemic year — notably, discovering a new, dominant COVID-19 variant. Now, SIU researchers are studying the impact of the pandemic and the lockdown.

- Nursing burnout. A cross-disciplinary group led by **Kelli Whittington**, Program Director of Nursing
- Labor force. The “Great Resignation” or the “Great Reshuffle.” **Steven Karau**, the Gregory A. Lee Professor of Management.
- Search and Rescue dog health and training; service dog training. **Erin Perry**, associate professor in the School of Agricultural Sciences



Truth in Labeling. Chloe Leonard, a senior in Physiology, works with Mary Kinsel, Associate Scientist in the Office of Sponsored Projects Administration. Leonard is working on a project aimed at ensuring people get what they pay for when purchasing CBD products, a newer, over-the-counter pharmaceutical with analgesic and other properties. The research was initiated by Roberto Santos-Torres, a student from Puerto Rico who came to SIU as part of the Research Experiences for Undergraduates, a National Science Foundation



Doctoral Student Wins Major Awards

Amina Naliaka

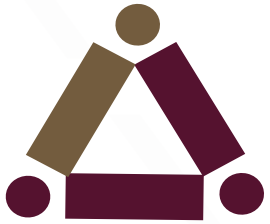
Doctoral student

Environmental Resources & Policy

NC-SARE grant: This highly competitive grant will help fund her dissertation: “A socio-hydrological framework for assessing groundwater sustainability in an irrigated agricultural landscape.”

American Association of Geographers summer internship. She will assist the AAG with a virtual summer series of workshops, seminars, working groups and forums. One of only two winners.



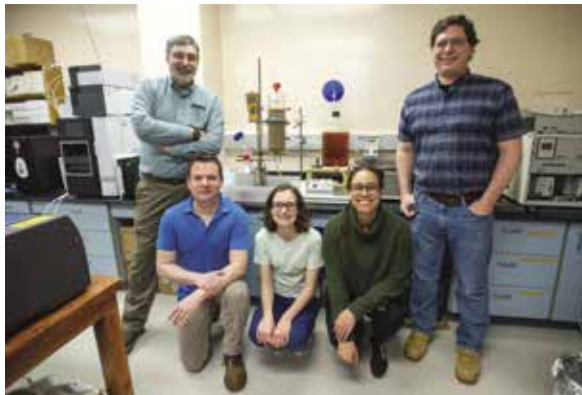


SUSTAINABILITY

SHAPED BY NATURE, FORGED BY COMMITMENT. What better place to start making the world more sustainable than right here, where we are? What better time to begin than now?

It is a collective goal of the members of this University to become known as forward-thinking and environmentally responsible. To be a University that embraces sustainability, reduces its carbon footprint, pursues conscientious energy efficiencies, and creates new, innovative practices to become a leader in sustainability within the state and the higher education community at large.

And here we are, the only university in Illinois with a national forest almost in our backyard, between two major river systems. Here we are, in an area renowned for natural beauty, a wine appellation, dotted with orchards and specialty farming. Here we are, shaped by nature. Here's what we're doing to show our commitment.



EXCEPTIONAL. XPRIZE Winners!! Carbon Down Under

A team of two Southern Illinois University Carbondale graduate students and a faculty member are among only 23 teams in the world to win the XPRIZE Carbon Removal challenge funded by Elon Musk and the Musk Foundation.

Jennifer Pierce, Tia Zimmerman, and Scott Hamilton-Brehm, Assistant Professor of Microbiology, are working on a system that would liquefy everyday waste biomass – everything from grass clippings to scrap vegetables – for injection into underground voids, such as empty oil reservoirs. Once underground, their plan calls for hungry microbes to consume the carbon-rich liquid and sequester it, preventing it from re-entering the atmosphere where it could contribute to climate change.

Initial award: \$125,000. On track for \$125,000 more. Eligible for multimillions for the technology to leave the lab and enter the real world

RECYCLE & CLEAN TO MAKE IT GREEN.

- Reducing pollution in Mississippi wetlands.** Lilitiana Leticariu, Associate Professor of Geology, and Jonathan Remo, Associate Professor in the School of Earth Systems and Sustainability, are among an SIU team that is trying to understand and identify the processes that reduce nitrogen pollution in several floodplain wetlands along the Middle Mississippi River. Hamilton-Brehm, and Marjorie Brooks, associate professor in the School of Biological Sciences, also are co-investigators on the project.
- Transforming spent tea leaves and coffee grounds into biodegradable plastic.** Lahiru Jayakody, Assistant Professor of Microbiology, is working with researchers Ken Anderson and Matt McCarroll on perfecting a process incorporating spent tea leaves and coffee grounds that would make single-use plastics biodegradable and more readily recyclable.
- Combating algae blooms:** A team of students led by Jia Liu, Associate Professor in the School of Civil, Environmental and Infrastructure Engineering, is looking at using the power of the sun, combined with iron-based nanomaterials, to destroy the harmful effects of algae blooms afflicting SIU's Campus Lake, a problem common throughout the country.



Expertise On Call.

Kofi Akamani

Associate Professor, Forest Recreation and Conservation Social Science

Writing on ecosystems for NCA5: Fifth National Climate Assessment

U.S. Congress commissioned report

Invited to join the team of authors based on his work on adaptive governance of forests and water resources.

"Since joining the Forestry program here, I have had the opportunity to work with a lot of excellent colleagues and graduate students in pursuing my research agenda. After years of hard work, it is an honor and a privilege to be called upon to contribute to such an important report."



GET WILD. Field research.

- Mapping their future. Storm Crews, a graduate student in Zoology, worked with Guillaume Bastille-Rousseau, Assistant Professor at SIU's Cooperative Wildlife Research Laboratory, and with Colorado wildlife officials, for about a year, mapping the migration routes Colorado elk use as they manage their life cycle, wandering from one habitat to another.
- Michael Egan, a doctoral student in Zoology, collaborated with the Illinois Department of Natural Resources to better understand where deer are likely to come into contact and spread chronic wasting disease, an affliction of deer, elk, reindeer, moose and other species in North America and beyond.
- Brooks Pitman, zoology graduate research assistant with the Cooperative Wildlife Research Laboratory, tracked beavers to better understand how to manage and reintroduce the sometimes environment-changing animals. Pitman had to come up with a novel way to attach GPS trackers to the beavers since standard units slide right off the sleek creatures.



SHOUT-OUT to the CLIMATE SOLUTIONS TEACH-IN20+

departments joined the to share information, learn across academic disciplines, and discuss challenges and potential solutions.



GREENING THE ARTS.

Eco-Art Conference & Symposium. To promote the interdisciplinary partnership between art and science, focused on environmental concerns, sustainability and climate change.

GREEN FUND.

Student-initiated Green Fee = \$63,052 in projects.

- **Banking on Batteries.** For electric vehicles in Automotive Technology, the E-Rides and EV Cruiser.
- **Promising Pastures.** Rotational grazing for livestock for better land management. SIU Farms Beef Center.
- **Clean Electric Energy from Hybrid Renewable Energy System, phase 3.** Renewable energy smart grid cybersecurity. Power Systems Design Lab in the School of Electrical, Computer and Biomedical Engineering.
- **Saluki Recycle Your Bicycle.** Refurb the old and unwanted, redistribute to incoming students. School of Automotive and University Housing.
- **Dawgie Bags.** Prepackaged food bags with recipes and ingredients, including those from Student Sustainable Vegetable Farm. Human Nutrition & Dietetics.
- **Sustainably Feeding Our Salukis.** Adding fresh veggies from the Student Sustainable Farm to the Saluki Food Pantry. Human Nutrition & Dietetics.



Horticulture Club

Southern Region American Society for Horticultural Science Association of Collegiate Branches Competition

Emma Lagerhausen – First place, Club Share Presentation Award, unanimous vote

Jonathan Henson and Loren Koenigstein – First place tie, Greenhouse Foliage and Floral Crops Identification Contest

Gabrielle Spence – Second place, Vegetable Crops Judging

Team wins: Second, Greenhouse Foliage and Floral Crops Identification
Third – Woody Ornamental Identification





SIU FOUNDATION SMASHES FUNDRAISING RECORDS

The SIU Foundation had the best fiscal year in its history, raising more than **\$32 million** and awarding more scholarships than ever before.

"What we witnessed in FY22 was support for the university, its students and faculty at an unprecedented level," said Matt Kupec, CEO of the SIU Foundation. "To everyone who has supported the university through the SIU Foundation, we are sincerely grateful. This kind of historic support is humbling."

The numbers speak for themselves, each representing a new record:

- **\$32,137,715** total raised. **+25.5%** over last year.
- **\$3,464,499** in scholarships awarded. **+22.8%** over last year
- **1,445** unique scholarships awarded. **12.8%** of SIU students received a Foundation scholarship.

This unparalleled success is taking place amid the Forever SIU fundraising campaign. Near the end of the 2002 SIU Day of Giving in March, Chancellor Austin Lane announced the expansion of the campaign, raising the goal from \$200 million to \$500 million by 2028.

"This will reshape the way we imagine the future of SIU," Chancellor Lane said during his announcement

FOREVER SIU

THE CAMPAIGN FOR
SOUTHERN ILLINOIS UNIVERSITY

IMAGINE 2030

in March. "This is about supporting our students and faculty and strengthening the university. Our alumni and donors understand the importance of this mission, and their generosity is what has set us on this path to half a billion dollars."

The Forever SIU campaign aligns with the Imagine 2030 strategic plan, which sets forth a bold vision for the future of the university.

"We are seeing the incomparable Saluki spirit on display," Kupec said. "That pride, that passion is what is going to continue to elevate us to new heights as we look toward a bright future."

The money raised through the campaign has funded scholarships, campus improvements, faculty support, and enhanced alumni engagement.

"This has been an exhilarating ride, and we are excited to keep going," Kupec said. "With every dollar, we are able to help students and faculty, enhance experiences, and further strengthen this great university."

For more information about the campaign, or to make a gift, visit foreversiu.org.



IMAGiNE 2030

