



# University South Foundation Report

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UNIVERSITY SOUTH  
FOUNDATION  
INC



## PRESIDENT'S MESSAGE

*2022 was a good year for the Foundation. We came back from the isolation of Covid stronger than ever in our support to the University of Arizona and Cochise County. Our student scholarship program was the largest ever, the Board of Directors is energetic, our new Office Manager has our business affairs well in hand, our relationship with the Dean and the Staff in Sierra Vista is cordial and productive. The community has supported the Foundation in our fundraising events at a record level, giving the Foundation the financial ability to achieve its mission better than ever before. 2023 appears to be an even more successful year so far!*

*Several long-serving members left the Board of Directors in 2022, and we miss their insight and experience. But several other community members joined, broadening our experience base and bringing a fresh level of enthusiasm and energy to our meetings. Now more than ever the Board of Directors is a diverse group of professionals who broadly represent the interests and perspectives of Cochise County.*

*The Foundation Student Scholarship program was able to award more scholarship money than at any time in the Foundation's history, largely due to the generosity of the community and the energy of our Board members. And we reestablished our unique partnership program with the Mexican Consulate in Douglas, where the Foundation matches dollar for dollar a scholarship fund provided by the State of Mexico for Hispanic students of the University of Arizona. Many recipients were the first in their family to achieve a university education.*

*2022 saw the culmination of a program to update and improve the Foundation's campus facilities in Sierra Vista. In partnership with the university, Groth Hall was remodeled and repainted, inside and out; the roof was improved, AC units updated, exterior lighting repaired, windows replaced, and new sidewalks laid down. Using grant funding, the Master Gardeners built and landscaped a shade pavilion just off the Pathway to Learning. The campus facilities improve every year!*

*This was a year where the Foundation worked in partnership to achieve so much more than we could working alone. The Mexican Government, the Master Gardeners, the Huachuca Astronomy Club, and above all the Dean, Faculty and staff from the university—all working together in a common appreciation of higher education in Cochise County, sharing a common vision for the improvement of our community. As President of the Foundation, I am honored to have been part of this effort.*

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# 2022 Board of Directors



**President  
2022  
Michael Boardman  
2005-2022**



**Executive Vice  
President  
2022  
Susan Pater  
2018 - 2022**



**Vice President  
2022  
Joan Wilson  
2021-2022**



**Secretary  
2022  
Penny Brondum  
2020-2022**



**Treasurer  
2020-2022  
Wallace Ricks  
2019-2022**



**Treasurer  
2022  
Elizabeth Wrozek  
2021-2022**



**Clint Imholte  
2013-2022**



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2013-2022**



**Anne Borowiec  
2008-2022**



**Jim Reese  
2021-2022**



**Rachel Hansen  
2021-2022**



**Callie Groth  
2021-2022**



**Nancy Ledesma  
2022**



**Dr. Ira Jaffrey  
2022**



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2018-2022**



**Jennifer Sorenson  
2018-2022**



**Shay Stautz  
2020-2022**



**Monica Duvernay  
Director of Operations  
2021-2022**



**Sandra Calhoun  
Office Manager  
2022**

**Honorary Members  
Pat Cracchiolo  
Dr. Judy Gignac**



# SCHOLARSHIPS

According to the National Center for Education Statistics, the price to attend a four-year college full-time has increased 180% over the last 40 years. To help ease the financial burden of higher education on local students and households, with the hope of retaining talent in support of a thriving community, the University South Foundation, Inc. awards scholarships to University of Arizona students residing in Cochise County.

\$60,250 in scholarships were awarded to 15 UArizona students in 2022. These scholarships are supported by funding from community businesses, fundraising events, and University South Foundation funds.

The Scholarship Program at the University South Foundation is like none other. Businesses and community members sponsor scholarships in their names to support the future workforce and residents in our community. 100% of a scholarship donation is contributed to a scholarship for university students.

Over the years, we have seen many of our scholarship recipients succeed professionally while remaining in Cochise County and providing a model and mentoring for future university graduates. Our scholarship program helps to cultivate these successes.





The 6th Annual Golfing Fore Scholarships Competition was held at Mountain View Golf Course on Ft. Huachuca on June 4th. Sponsors and participants ranged from serious competitors to first time players, and were able to purchase Mulligans and string to even their scores. Between enthusiastic players and generous sponsors, proceeds of the tournament funded more than \$20,000 in scholarships for undergraduates majoring in Cybersecurity at the University of Arizona Sierra Vista's College of Applied Science and Technology (C.A.S.T.)



*Herald/Review Media team with USF Board Member Jennifer Sorenson*



*Players enjoyed warm and breezy weather against the scenic backdrop of the Huachuca Mountains*



*After lunch, Dean Gary Packard related his vision for the Cybersecurity Program. Though college enrollments are declining nationally, C.A.S.T. is growing, projecting a 150% increase in Fall 2022 over Fall 2018, as intelligence and cybersecurity education become increasingly important to national security.*



*Sulphur Springs Valley Electric Cooperative (SSVEC) team with a nice swing. SSVEC sponsored \$2,500 in scholarships for Cyber students, and an additional \$15,000 in scholarships for SSVEC members in 2022.*



*USF Board President Michael Boardman distributed prizes to the winners and thanked sponsors.*

**UNIVERSITY SOUTH  
FOUNDATION  
INC**  
**Dine Under the Stars**

Our Dine Under the Stars dinner on November 5 was well attended, with over 200 guests braving the chilly evening to listen to Desert Fever play jazz, enjoy a delicious dinner provided by Pizzeria Mimosa and Texas Roadhouse, recognize our generous sponsors, and bid on silent and live auction items, encouraged by Jeff Davenport and Sheriff Mark Dannels, who volunteered as announcers and auctioneers for the event.



*Desert Fever performed jazz and popular favorites*



*Generous patrons bid on live auction items including a micro-brewery tour & tasting, a dinner and horseback ride, a ride-along with the sheriff, and a side of beef.*

*This was our biggest fundraiser to date, with over \$30,000 raised for Cochise County scholarship recipients.*



*Delicious and exotic appetizers from Vicki Gilbert's Pizzeria Mimosa*



*Scholarship Recipients Yassmin Gonzalez (above) and Fernanda Reyes Aguilar (left) share their inspiring stories with sponsors and attendees at Dine Under the Stars.*



# 2022-23 Scholarship Recipients



**Marco Franco** – Douglas, \$4,000, Alaka’ina Cyber, Education Unidos, Pioneer Title Cyber, 3D Management & Consulting Cyber. Major: Cyber Operations, College of Applied Science and Technology.



**Fernanda Reyes Aguilar**—Douglas, \$4,000, Arizona Complete Health, USF Merit, ISC Consulting Group. Major: Government and Public Service, College of Applied Science and Technology.



**Phillip Dolifka**—Sierra Vista, \$2,500, Sierra Toyota, Dawson Ohana Cyber, David Patterson Memorial. Major: Cyber Operations, Defense and Forensics, College of Applied Science and Technology.



**Juan Osuna**—Douglas, \$4,000, Arizona Complete Health, Education Unidos-IME Becas. Major: Psychology, College of Science.



**Roberto Aponte-Melendez**—Sierra Vista, \$5,500, Sulphur Springs Valley Electric Cooperative, SSVEC Cyber, Empower.AI. Major: Cyber Operations, Defense & Forensics, College of Applied Science and Technology.



**Yakeisha Shields**—Sierra Vista, \$7,000, Cardinal Pointe Financial Group, Ace Hardware, Sulphur Springs Valley Electric Cooperative. Major: Intelligence & Information Operations, College of Applied Science and Technology.



**Preston Anway**—St. David, \$7,000, New Frontier Animal Medical Center, Sulphur Springs Valley Electric Cooperative, Pioneer Title. Major: Psychology, College of Science.



**Juan Avechucu**—Naco, \$4,000, Education Unidos-IME Becas, Education Unidos-Arizona Complete Health. Major: Government and Public Service, College of Applied Science and Technology.



**Gerardo Abril** - Pirtleville, \$4,500, Education Unidos-IME Becas, Education Unidos, USF Merit. Major: Organizational Leadership, College of Applied Science and Technology.



**Anahirany Valdez-Juvera**, Douglas, \$1,500, Education Unidos. Major: Psychology, College of Science.



**Yassmin Gonzalez**—Douglas, \$5,000, Texas Roadhouse, USF Merit, Education Unidos. Major: Human Services, College of Applied Science and Technology.



**April McLeaish**—Sierra Vista, \$3,000, Sulphur Springs Valley Electric Cooperative. Major: Applied Science in Early Childhood Education, College of Applied Science and Technology.



**Ernesto Delamaza** – Naco, \$4,000, ISC Consulting Group, General Dynamics Information Technology. Major: Cyber Operations-Cyber Engineering; College of Applied Science and Technology.



**Liza Quinones**— Sierra Vista, \$3,000, Sulphur Springs Valley Electric Cooperative, Elsie and Paul MacMillan, Rich Besselman Memorial. Graduate: Military Families.



**Kacy Hulbert**—Sierra Vista, \$1,250, Hawk Associates Cyber, Legacy Foundation Cyber, Dawson Ohana Cyber. Major: Cyber Operations, College of Applied Science and Technology.



# University South Foundation Proudly Recognizes Outstanding Faculty, Staff & Students

The University South Foundation, Inc. grants awards to outstanding faculty, staff and students each year. Those selected were nominated and chosen by their peers and provided a cash award by the Foundation. All represent the very finest in higher education.



**Sheena Brown**  
Superior Faculty Award



**Nicole Achey**  
Superior Adjunct Award



**Jill Hilton**  
Outstanding Staff Award



**Ryan Straight**  
Innovative Staff Award



**Allison Crook**  
Student Award  
Applied Science



**Juan Issac Alcala Gonzalez Jr.**  
Student Award  
Applied Technology



**Matthew Cash**  
Student Award  
Cyber, Intelligence &  
Information Operations

# Facility Improvement Highlights 2022

Some of the improvements to the University of Arizona Sierra Vista Campus were funded by the University South Foundation, some by the university, and improvements to the Discovery Gardens were lovingly contributed by the Cochise County Master Gardeners Association.



The Master Gardeners received a \$47,000 grant from the Legacy Foundation to build a respite area near the Pathway to Higher Learning, the City of Sierra Vista's multi-use path connecting Cochise College, the university campus and Buena High School.



A raingarden demonstration area will be completed near the gazebo and benches.



*A talented Master Gardener donated the mosaics lining the retaining wall and stairs.*



*A revised Facilities Use Agreement between the Foundation and the university broadens access to the Discovery Gardens. The pavilion can be reserved by local nonprofit community organizations for meetings, classes and events.*

# Facility Improvement Highlights 2022 (cont'd)

- Toilets and sinks in bathrooms upgraded, exhaust fan replaced in Groth Hall Ladies' Room
- Modernized Emergency Lighting and Exit Signs
- Suite 507-509 was updated with new carpet, paint, fixtures, lighting and water damage repairs
- Suite 507-509 Groth Hall thermal pane windows replaced (2)
- Suite 100 entryway door and window replaced and upgraded
- Dean's office and Executive Assistant office doors upgraded
- Conference room built, painted and updated
- HVAC unit replaced in Groth Hall Server Room
- Groth Hall exterior re-painting completed
- Groth Hall roof leaks repaired
- New carpet installed
- Keyless entry installed on doors
- Exterior cameras upgraded and installed
- Electrical repairs to Exterior Lights
- Trees trimmed near Patterson Observatory Dome



*Computer servers need a dedicated cooling unit in order to keep the electronic components performing at their optimal level. The air conditioning split unit for the server room in Groth Hall failed suddenly, and the foundation was able to hire a trusted local vendor and have it replaced quickly.*



*Groth Hall painting and roof repair was completed in 2022*

A banner with a dark blue, starry background. On the left, there is a crescent moon. The text "PATTERSON OBSERVATORY HIGHLIGHTS" is written in white, bold, sans-serif capital letters on the right side.

# PATTERSON OBSERVATORY HIGHLIGHTS

The University South Foundation, Inc. owns and maintains the Patterson Observatory located on University of Arizona Sierra Vista Campus. The Huachuca Astronomy Club (HAC) volunteers operate the observatory and conduct outreach and educational events at the facility.

Regularly scheduled "Public Nights" and "Solar Saturdays" are conducted monthly, excluding the monsoon months of July and August. These events are free and family friendly. The evening Public Nights start a half hour after sunset on the Thursday closest to the first quarter moon. Solar Saturday is held on the second Saturday of the month from 9 to 11 a.m. Guests must register in advance for public night as space is limited. Observing events at the Patterson Observatory are weather dependent and will be cancelled in the event of clouds.

The observatory is available by appointment to serve youth, school and community organizations and opens for astronomical events of special interest such as comet watches, eclipses and transits.

Over 1300 guests visited the Patterson Observatory in 2022. Eight Public Nights, three NASA events, fourteen school field trips, four Solar Saturdays and eleven special events were conducted.

<https://www.universitysouthfoundation.com/patterson-observatory>



Decades in the making, the James Webb Space Telescope (JWST) is the largest, most complex and most capable space telescope ever built. It is poised to revolutionize our understanding of the universe.

The Patterson Observatory became an official NASA Host Site for JWST in 2021 as part of the agency's outreach and education initiative.

The observatory hosted the public for the "First Image Reveal" event and participated in a live expert panel discussion of the reveal hosted at the Space Telescope Science Institute in Baltimore on July 12, 2022. The Patterson Observatory continues to be a public source for information on the mission.

NASA's Artemis Program is America's return to the moon. The program intends to land the first woman and the first person of color on the moon this decade and is intended to establish a permanent human presence on the moon.

The Patterson Observatory is an official Artemis Community Partner and event host site.

The Artemis I test flight launched in 2022 and was designed to prove the functionality of the Orion Space Capsule, the Space Launch System (SLS) rocket and the Ground Systems at Cape Canaveral.

The Patterson Observatory hosted events for two of the launch attempts during 2022 and remains an Artemis Mission partner and community host.

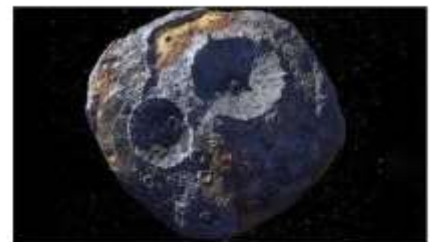


## SCIENTIFIC RESEARCH



The Patterson Observatory continues to contribute to scientific research with professional groups from MIT, Austin, and Europe, to explore white dwarfs, exoplanets, and triple star candidates identified by NASA's TESS mission. This scientific project is managed by HAC astronomers, Tom Kaye and Bruce Gary.

HAC astronomer, Vince Sempronio is occasionally employing the Patterson Observatory's 20-inch telescope to conduct occultation timings of asteroids. Filming the passage of an asteroid in front of a distant star helps scientists to determine the characteristics of an asteroid such as its size, shape and rotational parameters. This important work is in support of the International Occultation Timing Association (IOTA).



The Patterson Observatory partners with a number of organizations and projects to promote STEM education.





## Take a Virtual Tour of the Patterson Observatory

Take a virtual tour of the Patterson Observatory. The interactive website lets you roam the building at your leisure. Many interesting displays are highlighted and detailed in this amazing high resolution photogrammetric capture of the facility. If you can't make it in person, this is the next best thing!



<https://www.universitysouthfoundation.com/patterson-observatory>. Scroll to the bottom video section.

## LEAVE A LEGACY AT THE PATTERSON OBSERVATORY!



**Sponsor a star on the Comet Wall.**



# SPONSOR A SCHOLARSHIP

Students attending the University of Arizona in Cochise County are working hard to fulfill their educational dreams. Many of these are nontraditional students that must balance family and work responsibilities with academics. Some are first generation students that often face additional social and financial challenges. These students all trust that the education they are receiving will make a positive difference in their lives and sustain a workforce in the community they love.

“These scholarships are so important to UA South students. Many of us are non-traditional students from low income families, and you offer hope to many students who never thought earning a Bachelor’s degree was possible. Businesses who offer financial support to the foundation’s scholarship program are investing in a future workforce. Highly qualified students who attend and graduate from the University of Arizona in Cochise County enhance the reputation of the school and attract more quality students, creating a symbiotic relationship between quality education and a quality workforce.” -Robert McGrew, 2015/2016 Scholarship recipient

The University South Foundation is committed to making higher education success possible for students in Southeastern Arizona. We will be thrilled if you can join us in making that a reality for many of our local students. One hundred percent of scholarship sponsorships are applied directly to supporting scholarships.

Company Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Point of Contact: \_\_\_\_\_ Phone #: \_\_\_\_\_

Email Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ ST: \_\_\_\_\_ Zip: \_\_\_\_\_

Scholarship Sponsorships start at \$1,000

My contribution \$ \_\_\_\_\_

SELECT ONE	LEVEL	AMOUNT	PRESENT at Scholarship Reception	COMPANY BANNER displayed	SPEAKING OPPORTUNITY during reception	Website and social media exposure	WEBSITE LINK
	PRESENTING SPONSOR	\$10,000	✓	✓	✓	✓	✓
	PLATINUM LEVEL	\$5,000	✓		✓	✓	✓
	GOLD LEVEL	\$2,500	✓			✓	✓
	SILVER LEVEL	\$1,500	✓			✓	✓
	BRONZE LEVEL	\$1,000	✓			✓	✓

Please mark any preferences below for your scholarship recipient:

Merit Based or  Need Based or  Military

Majoring in a specific program(s) of study: \_\_\_\_\_

Greater Sierra Vista Area Resident     Douglas Area Resident     Any Cochise County Communities

No Preference

Make checks payable to University South Foundation and mail to 1140 N Colombo Ave., Sierra Vista AZ 85635

Sponsor signature: \_\_\_\_\_ Date: \_\_\_\_\_

# CHARITABLE CONTRIBUTIONS

The generous support of people like you helps to educate and support University of Arizona students within Cochise County. There are a variety of ways to provide support. Gifts of all sizes are a powerful investment in our mission and community.

**Make a Direct Gift** - whether cash, check or via credit card - are critically important, because they can be put to work immediately, increasing their impact and extending their reach.

**Purchase a Star** with a \$100 Donation. Leave a legacy on the walls in the Patterson Observatory. Purchase a Star with your name, or the name of a loved one, engraved on a brass plate and added to the Comet's tail in the Patterson Classroom.

**Donate a required minimum distribution (RMD) from your tax-deferred retirement account.** Speak with your tax professional about the advantages of donating a portion of your RMD to University South Foundation.

**Create a lasting gift** in your name or the name of a loved one, and give back to the future of higher education in our community. Speak to your Financial Advisor or Attorney on how to work Charitable Giving into your Life, Budget, and Estate Plan.

**To contribute** complete the form below or click on the donation button on our website at [www.universitysouthfoundation.com](http://www.universitysouthfoundation.com)

The University South Foundation, Inc. is a 501(c)(3) Corporation, Tax ID #86-0606002

For more information please call 520-626-6594



## CONTRIBUTION

Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Email Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ ST: \_\_\_\_\_ Zip: \_\_\_\_\_

**Yes! Please accept my contribution of \$ \_\_\_\_\_**

(Make checks payable to University South Foundation and mail to 1140 N Colombo, Sierra Vista AZ 85635)

For more information please contact the University South Foundation at 520-626-6594.





## Mission Statement

To advance opportunities that provide access to higher education in southern Arizona.



## Vision

To be acknowledged by alumni, donors, friends, and communities as a trusted partner dedicated to excellence and demonstrating accountability and integrity in all we do.

[www.universitiesouthfoundation.com](http://www.universitiesouthfoundation.com)

University South Foundation, Inc.  
& Patterson Observatory



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