



TROJANS UNITE

Comprehensive Campaign



GREETINGS, DAKOTA STATE UNIVERSITY TROJAN FRIENDS,

We have had some big announcements during my seven years here at Dakota State.

You may recall the news of our back-to-back Goldwater scholars, our alumnus chosen for the U.S. Space Force, or our four students and alumni chosen for the U.S. Cyber team (page 28).

We've created innovative academic changes with new degree programs in Artificial Intelligence and Cyber Leadership and Intelligence as well as a PhD in computer science.

We've developed distinctive new partnerships with the Miss America Organization and with Sanford Health for a CyberHealth Strategic Alliance.

There have been physical and visual changes as well, new buildings and significant renovations, and we've updated our branding and created a new look for our Trojan mascot.

But this year seems to have surpassed all the others. Since the November edition of the DSU Magazine, there have been significant announcements about new projects, new initiatives, and ambitious new fundraising goals, which have all come together under the umbrella of the Trojans Unite Comprehensive Campaign, or TUCC.

The TUCC includes the big ideas we have for Dakota State, all part of a vision that would astound our founding fathers. However, big ideas alone are not enough to make an impact. Tae Yoo, Senior Vice President of Corporate Affairs for the networking hardware company Cisco, has said "A big idea is great, but putting that big idea into action has the power to change the world."

The TUCC will be the powerful engine behind the world-changing ideas that will move us into the future. The campaign will accomplish this by organizing our efforts into three pillars, each with a unique fundraising goal and purpose:

TROJANS UNITE BUILDING CHAMPIONS

Building Champions has a fundraising goal of \$100 million to develop the athletics events center, arena, football stadium, outdoor and indoor tracks, training facility, outdoor plaza, and baseball and softball fields. A total of \$45 million has been raised for this pillar. This will be transformative for university students, for the fan experience with Trojans Athletics, and for the greater Madison community as well. Because the improved facilities will be used by the Madison School System, and host additional youth and championship tournaments, the local schools and the city of Madison will benefit.

TROJANS UNITE CYBER-RESEARCH INITIATIVE

Cyber-Research Initiative has a \$90 million fundraising goal, which I'm pleased to say has already been reached. Through this multi-party private/public partnership, we will be able to expand DSU's Applied Research Lab to Sioux Falls and increase DSU's educational capacity in Madison to produce more graduates of The Beacom College of Computer & Cyber Sciences. These partners include T. Denny Sanford, Sanford Health, the City of Sioux Falls, Forward Sioux Falls, and the state of South Dakota, in conjunction with Dakota State University and the Board of Regents.

TROJANS UNITE ACADEMIC SUCCESS

Academic Success is the third pillar, with a fundraising goal of \$60 million to support scholarships, speaker series, and endowed chair positions. This will also provide programmatic funding for lab and classroom equipment and new program development. This component is critical and necessary to sustain the other two pillars and ensure continued success for Dakota State.

"Big" isn't a descriptive enough word for the expansive reach and goals of this campaign, but I have faith that they are within reach, because I have seen what can happen when we engage our Trojan Family.

Anything and everything will be possible when we unite, because by coming together we will forge the strength that will allow us to go forward.

I would like to thank Miles and Lisa Beacom, who have agreed to chair this \$250 million campaign. They will be working with our team at the Foundation, many of whom are new to DSU. With one exception, every member of the team has been there for a year or less.

We would like to share other successes and "big" news from campus these past few months. Some of our alumni are doing exceptional work in their communities, with their passions, or in their professions. We have friends of DSU who are putting in time and effort to help the university through service on our advisory boards. Others are helping to keep DSU rising through financial contributions.

We also want to highlight some of our current students, individuals who show particular promise for the future, including those who earned spots on the first-ever U.S. national cyber games team who will compete in an international competition this summer, and others who are working on real-world projects that will help them in their professions. We feature students who have the drive to bring innovative business ideas to life, and the wisdom to make use of the resources we have to help them make their dreams come true.

And as we move forward, continue to watch for more big announcements, as we turn our ideas into actions that promise to change the world.

Warmly,



José-Marie Griffiths
President, Dakota State University



GREETINGS FROM THE DAKOTA STATE UNIVERSITY FOUNDATION,

It's been an exciting year for Dakota State University and the DSU Foundation. I am happy to share the highlights of this past year, the positive changes, accomplishments that followed, and what we are looking forward to in years to come.

The DSU Foundation looks quite different. We've established a new team, structure, and culture within our walls. We have introduced seven new team members over nine months (see page 14). In that time, we've begun building a culture of philanthropy around our ONE DSU concept. This culture starts with us, and we continue to expand it with our stakeholders. I am thankful for the work of so many and we are encouraged about this culture and our rising future.

We are now better aligned with the university, driving our priorities from university leadership and through collaboration with faculty and staff. With engaged leadership from the Foundation Board, we are focused on building relationships, producing results, and providing the impact needed for the university.

The launch of the \$250 million Trojans Unite Comprehensive Campaign is a celebration of our alignment and collaboration. The three pillars of the campaign are; Cyber-Research Initiative, Building Champions, and Academic Success. It officially launched during DSU Unite on April 1, 2022, formerly known as the DSU Gala. We raised a record-breaking \$329,423 for scholarships and announced Miles and Lisa Beacom as co-chairs of the campaign. I am proud to report we have raised over \$141 million through the first two years of the campaign.

The Cyber-Research initiative successfully secured its goal of \$90 million. This is a vision President Griffiths has been driving for several years. It was incredible to see that come to fruition, and we look forward to seeing the impact it will provide to DSU, Madison, Sioux Falls, and all of South Dakota for years to come.

We have seen huge success this year for the Trojans Unite Building Champions pillar. We secured \$32 million in new commitments during fiscal year 2022. We surpassed \$35 million goal which allowed us to have our groundbreaking ceremony this spring. In total we have raised \$45 million for this initiative.

We have also been able to see momentum build for the Academic Success pillar. We saw record growth in our endowment and all our annual scholarship funds. In collaboration with faculty, staff, and coaches, we will build on these efforts and drive additional support for scholarships and programmatic enhancements.

We are RISING. President Griffiths and university leadership have an extraordinary vision for the future, and philanthropic support is critical in ensuring success of that vision.

We are Rising. We are United. We are ONE DSU.

A handwritten signature in blue ink, appearing to read 'Jon Schemmel'. The signature is fluid and cursive, with a large initial 'J' and 'S'.

Jon Schemmel
President and Chief Executive Officer

FEATURES

TROJANS UNITE

6



RISING TROJANS

20



DISTINCTIVELY DSU

26



CAMPUS NEWS

32



CLASS NOTES

46



MAGAZINE CONTRIBUTORS

DSU Foundation & Alumni

Jon Schemmel, President and Chief Executive Officer

Kiana Dowdell, Director of Prospect Research & Information Management

Jill Ruhd '07, Chief Development Officer

Sami Zoss, Chief Operating Officer

Marketing & Communications

Kelli Koepsell, Director of Marketing & Communications

Jen Burris, Strategic Communications Coordinator

Jena Martin '05, Production Center Coordinator

Andrea Tanner, Senior Graphic Designer

Jane Utecht, Strategic Communications Coordinator

Athletics

Nick Huntimer '05, Sports Information Director

On the front cover

Top photo:

\$250 million Trojans Unite Comprehensive Campaign announced at DSUnite. Jon Schemmel, DSU Foundation CEO and Dr. José-Marie Griffiths, DSU President are pictured with campaign co-chairs Miles and Lisa Beacom.

Middle left photo:

Early rendering of ARL facility in Sioux Falls.

Middle right photo:

Randy Schaefer, Jon Schemmel, and Miles Beacom at the Athletics Events Center ground breaking.

Dakota State Magazine is created by the office of Marketing and Communications in conjunction with the DSU Foundation.

Send address updates and class notes to:
foundation@dsu.edu or
DSU Alumni Office
820 N Washington Ave
Madison SD 57042

Dakota State University (DSU) in Madison, SD offers undergraduate, master's, and doctoral programs through its Colleges of Arts and Sciences, Business and Information Systems, Computer and Cyber Sciences, and Education. Visit dsu.edu.

\$250 Million CAMPAIGN



TROJANS
UNITE
Comprehensive

TROJANS UNITE

WE ARE UNITED. WE ARE RISING. WE ARE DSU.

Dakota State University continues to rise with the newly launched \$250 million Trojans Unite Comprehensive Campaign (TUCC). This campaign is the largest campaign launched at DSU.

“It will be transformative in nature with new facilities and programmatic growth,” said Jon Schemmel, CEO of the DSU Foundation. “The Trojans Unite Comprehensive Campaign will build growth and infrastructure underneath DSU to meet the needs and initiatives of a rising DSU, Madison, and South Dakota.”

The TUCC has three pillars of focus - Trojans Unite Building Champions, Trojans Unite Cyber-Research Initiative, and Trojans Unite Academic Success. Each pillar has its own fundraising goal and purpose.

Miles and Lisa Beacom, longtime Dakota State University supporters, will co-chair the campaign. Miles Beacom is a 1981 alumnus of Dakota State and CEO of PREMIER Bankcard.

The Beacoms have watched Dakota State grow, noting the incredible foresight of the mission change in 1984. That growth has been especially transformative over the last 15 years, as new buildings like The Beacom Institute of Technology and the MadLabs® have expanded the campus landscape.

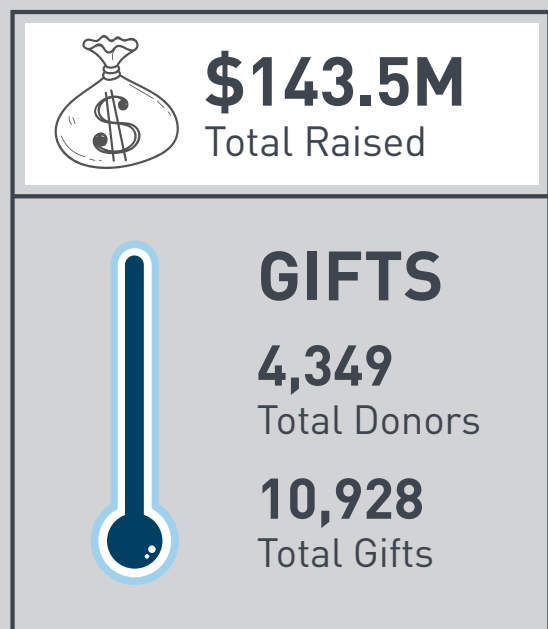


ANS ITE Campaign

“What has always amazed me about Madison is that the university, the hospital, and the city all work so well together building up the city of Madison and Dakota State,” Lisa said.

With over \$124 million raised in the last year, the excitement level is high, and Miles and Lisa are thrilled to be strong advocates of this campaign.

“We need to continue that excitement and continue to cheer on different milestones that we achieve and make sure people are being given the chance to participate in this incredible opportunity at Dakota State,” Miles said. “Under President José-Marie Griffiths’ leadership, DSU is no longer the small, quiet university. We’re making a huge name for ourselves not only in South Dakota, but in the country.”



*updated as of June 30, 2022

PILLAR HIGHLIGHT:
**TROJANS
UNITE**
BUILDING CHAMPIONS

Trojans Unite Building Champions will address the critical need of updating athletics facilities at Dakota State. It has a fundraising goal of \$100 million, to develop the athletics events center, arena, indoor track and training facility, outdoor plaza, and baseball and softball fields.

“The facilities need to be upgraded,” Miles Beacom said. “They are the same ones that were there 45 years ago when I started. We need to provide our student athletes the tools to be competitive at every level, in conferences, the region, and nationally.”

These new facilities will help DSU compete consistently for conference titles and national championships, while growing Dakota State’s number of student athletes. Artificial turf on the football and soccer fields and indoor practice facilities will help elevate Trojan Athletics.

“We get to be a part of the next phase in DSU history,” said Cody Brown, football athlete, ’24. “Dakota State is on the cutting edge of technology, programs, and opportunities. The addition of new athletics facilities will further show just how high DSU has risen. We’ve been building champions for years and I can’t wait to finally see that first kickoff on Blankley Field. Our opponents won’t know what hit them.”

“The Trojans Unite Athletics Facilities will be transformative for Dakota State University and the Madison community,” said Jon Schemmel, CEO of the DSU Foundation.

“They will significantly enhance the overall student-experience at DSU while drastically improving our hospitality for our friends, fans, alumni, and community leaders for years to come.”

The facilities will be available for use by Madison High School athletes, youth tournaments, and other events, benefiting the entire community of Madison.

“This will be a tremendous gain for DSU, for Madison, and for South Dakota,” said Jeff Dittman, Athletics Director. “This new complex will help us build champions and it will also be a source of pride for our alumni and fans.”

“Please help us provide a first-class experience for all of our athletes and the opportunity to build champions,” Dittman added. “They will repay you with great commitment to DSU, Madison, and South Dakota as Trojans forever.”





DSU breaks ground for the Athletics Events Center on May 2.

MOVING FORWARD

The first phase of the athletic facilities is moving forward, with over \$45 million raised to start the project. This phase will see the development of the Athletics Events Center, which will include:

Phase One

- » Upgraded football stadium
- » Relocated track
- » Esports arena
- » Soccer field
- » Indoor gathering spaces
- » Athletics Hall of Fame
- » Locker, weight, and training rooms
- » Trojan Spirit Store
- » Office and meeting spaces
- » Hospitality and VIP areas
- » Media suites
- » Biomechanics lab
- » Institute on Human Movement and Aging
- » Classrooms
- » Restrooms
- » Concessions





On March 24, Governor Kristi Noem signed Senate Bill 54 and Senate Bill 130. She is surrounded by the initiative partners and supporters.

PILLAR HIGHLIGHT:

TROJANS UNITE

Cyber-Research Initiative

Dakota State University is growing the cyber-research industry in the state through a public/private partnership with a fully-funded \$90 million expansion of DSU's Applied Research Lab to Sioux Falls, and an increase in educational capacity in Madison to produce more graduates of The Beacom College of Computer & Cyber Sciences.

"This initiative will be a game-changer for the state," said José-Marie Griffiths, President of Dakota State. "We will propel South Dakota to be recognized as a key contributor to national security and defense."

The partnership for this initiative includes T. Denny Sanford, Sanford Health, the City of Sioux Falls, Forward Sioux Falls, and the state of South Dakota, in conjunction with Dakota State University and the Board of Regents. On March 24, Governor Kristi Noem signed

Senate Bill 54, for program expansion at DSU, and Senate Bill 130, for the building of an applied research lab (ARL) in Sioux Falls, an extension of the ARL facility in Madison.

Additionally, the Sioux Falls City Council passed an ordinance in March providing \$10 million in infrastructure support of the applied research lab in Sioux Falls. These monies, combined with \$50 million from philanthropist T. Denny Sanford, 10-16 acres of land donated by Sanford Health, \$250,000 from Forward Sioux Falls, and \$30 million from the state of South Dakota, will fund the initiative.

"We created a vision to expand DSU's Applied Research Lab to stimulate a vibrant cyber-research industry in Sioux Falls, which supports national security and defense, offers workforce and economic development opportunities, and establishes South Dakota as a cyber state," said President José-Marie Griffiths.

IN MADISON

- » Continue to fill DSU's ARL in Madison to 125-150 full-time jobs
- » Increase DSU's capacity to double the number of graduates from The Beacom College from 200 to 400 annually by recruiting and retaining faculty, staff, and students
- » Expand the cyber talent pipeline and career pathways by launching the Governor's Cyber Academy to offer dual credit programs to high school students statewide



"It's a tremendous opportunity to give Dakota State students the tools to be successful and remain in South Dakota," Miles Beacom said.

The cyber-research hub will also create long-term economic development benefits for South Dakota, because the unique expertise located here will attract other businesses or entrepreneurs with innovative business ideas in cybersecurity, cyber health, cyber ag, and cyber manufacturing.

"This project is going to change the state of South Dakota and create new opportunities," said Governor Kristi Noem at the bill signing.

IN SIOUX FALLS

- » Expand DSU-ARL with a highly specialized facility which will be owned and operated by the state via the Board of Regents and DSU
 - This facility is expected to open in the fall of 2025 and support 400 to 500 full-time jobs
- » Establish a non-profit corporation to hire DSU-ARL staff to perform and manage the applied research and lease space from DSU, both in Madison and Sioux Falls
- » The new non-profit corporation will also run intensive summer cybersecurity bootcamps for students from other universities in South Dakota who are majoring in cyber-related disciplines such as computer science, computer engineering, software engineering, etc.
 - These are anticipated to start in the summer of 2023

This expansion will give DSU graduates and South Dakota residents the opportunity to remain in South Dakota for work. Currently, around 200 students graduate from Dakota State's Beacom College of Computer and Cyber Sciences each year, with degrees in Computer Science, Cyber Operations, and Network and Security Administration. About 30% of students, particularly those with Cyber Operations degrees, must go to the east or west coasts to find work in their highly specialized, technical fields.

	<p>\$50 Million from T. Denny Sanford for DSU-ARL</p>
<p>\$10 Million from City of Sioux Falls for DSU-ARL</p>	
	<p>\$250 Thousand from Forward Sioux Falls for Cyber Innovation Park planning</p>
<p>10-16 Acres Donated by Sanford Health for Cyber Innovation Park</p>	
	<p>\$30 Million from State of South to double capacity in cyber education at Dakota State.</p>

PILLAR HIGHLIGHT:

TROJANS UNITE

Academic Success

Academics are the heart of Dakota State and integrating the latest technology into all of our programs helps us rise above the competition. Trojans Unite Academic Success will support academics through a \$60 million fundraising goal, a critical component to sustaining the Building Champions and Cyber Research Initiative pillars to ensure the continued success of Dakota State.

“The funding of Trojans Unite Academic Success will provide financial support for our students, faculty, and the advancement of research and programs to help DSU rise,” said Jill Ruhd, Director of Development.

Both Miles and Lisa Beacom came from humble beginnings with big families and understand how important scholarship funds are.

“Scholarships are always close to my heart because they make a difference for a lot of students as to whether they can attend school,” Lisa said.

The Beacoms look forward to watching Dakota State continue to advance its mission and reach its campaign goal of \$250 million, while supporting the students of DSU.

“We’re competing with some of the largest and longest standing universities in the country,” Miles said.



ACADEMIC FUNDING W

- » **Scholarships**
 - Academic
 - Athletic
- » **Graduate Assistantships**
- » **Teaching Assistants**
- » **Resident Assistants**



DSU Executive Committee celebrates the Athletics Events Center groundbreaking.

DAKOTA STATE FOUNDATION BOARD



PURPOSE

» To promote the vision and opportunities of the university; and to develop and steward the resources to advance the vision and opportunities, now and into perpetuity.

VISION

- » To be a high-functioning, invaluable asset to the university that can be confidently relied upon to maximize philanthropic and external engagement potentials
- » To achieve success of purpose as an asset to the university and the great Dakota State University community

DSU alumni, friends of DSU, and anyone interested in becoming involved with the board can reach out to the DSU Foundation office at 605-256-5693 or foundation@dsu.edu.

WILL BE INCLUDED FOR:

- » Endowed chairs and positions
- » Speaker series
- » Programmatic support
- » Travel
- » Research
- » Lab and classroom equipment

Meet the Foundation Team

DSU IS RISING. MEET THE TEAM WHO WILL HELP DSU CONTINUE TO RISE!



JON SCHEMSEL

President and Chief Executive Officer



SAMI ZOSS

Chief Operating Officer



JILL RUHD '07

Chief Development Officer



KIANA DOWDELL

Director of Prospect Research & Information Management



TOM NIELSEN '04

Associate Director of Alumni & External Engagement



EMILY WOLLMANN

Foundation Records & Support Specialist



BRE BALTZER

Director of Strategic Initiatives



DEVONTÉ GARCIA

Assistant Director of Development



LOGAN WAGNER

Assistant Director of Development for Athletics



HEMRES ESTABLISH ENDOWMENT AT DSU

Dakota State University provided Robert '68 and Karen '68 Hemre the start to their careers in elementary education, offering opportunities for them to pursue various avenues in the field of education.

To give back to Dakota State for the fulfilling careers they've had, the couple has established the Robert & Karen Hemre Endowment through the DSU Foundation. This fund will provide scholarship support to a DSU student, with preferences given to graduates of a South Dakota high school, who are enrolled in their junior or senior year of college, are majoring in Elementary Education, and demonstrate a financial need.



Robert '68 and Karen '68 Hemre

Madison natives, Bob and Karen each had 39-year careers in education. Karen taught first and second grades, while Bob taught fifth and sixth grade levels, and spent several years as an elementary school principal. Their passion for education includes giving back to others, and so it's apt that they give back to Dakota State. They make their impact known through the use of bequest giving.

"We are indebted to Dakota State University for giving us our foundation in higher education and the opportunity our Bachelor of Science Degrees in Elementary Education gave us to start our careers as elementary school teachers," the Hemres shared.

Bob went on to earn an MEd at South Dakota State University (SDSU), and Karen strengthened her skills through SDSU classes. Bob also obtained EdS. and a Doctor of Education degree focusing on Educational Administration from the University of South Dakota.

"We were fortunate to attend such fine institutions that have had such a positive impact on our careers and our life," said the Hemres. "It was only fitting we work with these universities to provide endowments that will give assistance to young people who have a desire to become teachers, and the effect they will have on future generations."

ABOUT THIS GIFT

ESTABLISHING AN ENDOWMENT

Endowing a gift to the University provides substantial support into perpetuity. As a donor to an endowed gift, you'll have the unique opportunity to watch your gift inspire year-over-year, ensuring a lasting impression of encouragement and support for the students at Dakota State.

Donors can create general endowed scholarships, endowed scholarships dedicated to specific colleges, or contribute to existing endowments like the Champion Scholarship endowment. Endowments ensure the success of Dakota State into perpetuity. Learn more by scanning QR code.



ESTATE AND LEGACY GIVING

An excellent way for you to support Dakota State University's mission is to leave us a bequest in your will, living trust, or with a codicil. You can choose to designate that a bequest be used for a general or specific purpose so you have the peace of mind knowing that your gift will be used as intended. Bequests are exempt from federal estate taxes. If you have a taxable estate, the estate tax charitable deduction may offset or eliminate estate taxes, resulting in a larger inheritance for your heirs.

One significant benefit of making a gift by bequest is that it allows you to continue to use the property you will leave to charity



during your life. Another benefit is that you are able to leave a lasting legacy. Learn more by scanning QR code.



KERN'S \$5 MILLION LEGACY KEEPS DSU RISING

BRIAN KERN'S GIFT IS LARGEST FROM THE MADISON AREA TO DATE

Thanks to local Madison businessman and DSU supporter Brian Kern, another \$5 million has been donated to Trojan athletics for the new athletics facility. Housing the field named for former coach George Blankley, Kern's generosity secures the necessary funding for the completion of the football stadium.

Jeff Dittman, Director of Athletics at DSU, said supporting Trojan Athletics is nothing new for Kern. "Brian has been a long-time

supporter of the athletes at Dakota State. He was the person who helped us develop our current weight room that benefits every athlete at DSU. We are very thankful for all he has done for us. Brian continues to be a transformational supporter of Dakota State Athletics."

Kern worked on the weight room project with DSU Head Football Coach Josh Anderson. "Brian Kern was the biggest reason we were able to start building the muscle mass we needed in our program," Anderson said. "He is the reason we were able to win recruits, start being competitive again, win games, and have winning seasons."



This most recent donation from Kern will help fund the multi-phase athletics complex for Dakota State. It will also continue to provide resources for scholarships annually and to the Leslie Grayson Kern Memorial endowed scholarship.

The new events center will bring more students to DSU, more commerce to town, and provide top-notch facilities that high school athletics can also use, he added. "It's going to be huge for the university, the Madison community, and the high school," Kern said.

The events center will include team locker rooms, coaches' offices, training facilities and weight room, esports arena, indoor gathering spaces, biomechanics lab and classrooms, hospitality and concession spaces, media and VIP suites, Athletics Hall of Fame, and restrooms.

This will impact student enrollment, business partnerships, and provide increased revenue-generating opportunities for DSU and the Madison area.

"We are grateful for Brian's continued strong support for DSU and DSU Athletics," said President José-Marie Griffiths. "His lead gift is the largest ever received from within the Madison community and will have impact well beyond DSU and Madison."

Anderson is thankful for all the support Kern has provided athletics. "Brian has been the foundation in everything we have been able to build in football and in athletics," he enthusiastically declared.

Kern continues to inspire others through his support of Dakota State. He and his brother Dan established the Leslie Grayson Kern Memorial endowed scholarship, in memory of Brian's wife Leslie Grayson Kern, who lost her battle to cervical cancer in September of 1997. The scholarship is awarded to student-athletes, with preference given to football players, given Kern's history of supporting football at DSU.

“It’s going to be a field and facility that rivals any in the state and beyond.”

That passion for Dakota State Athletics has Kern excited for the athletics events center to come to fruition. "It's going to be a field and facility that rivals any in the state and beyond."

Those interested in donating to the new athletics complex can reach out to the Dakota State University Foundation at 605-256-5693 or online at TrojansUnite.org.



245

TOTAL ATTENDANCE

DSU

Formally known as the DSU Gala, DSU Unite is
Attendees enjoyed a night of socializing, camaraderie,

TOTAL \$329,4



\$137,500

SPONSORSHIPS

\$12,625

ADMISSION



\$47,451

DONATIONS



NITE

SAVE THE DATE
April 21, 2023

...s a less formal twist on this Trojan tradition.
...erie, and raising funds for student scholarships.

423.20 RAISED



\$1,900
RAFFLE TICKETS

\$95,700
LIVE AUCTION



\$33,210
SILENT AUCTION



**other revenue not included is from transaction fees being covered by the donor*

“ Instead of putting a square peg in a round hole, I decided to find something I was excited about.



BUILD YOUR FUTURE

DSU ALUM IS EXCITED ABOUT HIS POSITION AT THE LEGO GROUP

Andrew Van Demark followed his passion all the way to a job at the international toy company the LEGO Group.

A Sioux Falls, SD native, Van Demark is a DSU alumnus; he earned a bachelor's degree in Business Administration with an emphasis in marketing/management in 2014. His first job was as a production assistant at KELO-TV in Sioux Falls.

He enjoyed his time at KELO and was always willing to take on more opportunities with producing, writing scripts, and editing videos. After three years, there was not as much forward momentum as he would have liked, so he found the courage to step back and reevaluate. The search for a new job was frustrating and unsuccessful, so he decided to try a different approach.

"Instead of putting a square peg in a round hole, I decided to find something I was excited about."

Van Demark made lists of all the companies he was passionate about. "I looked at companies that aligned with my interests and hobbies and that I knew were reputable. LEGO was at the top of the list," he said.

He got a call back about a possible seasonal position at the LEGO Group and flew to their US-based headquarters in Connecticut for an interview.

"I decided to just go for it. The worst-case scenario was the company would say no, but I'd at least have seen the US LEGO headquarters."

"At one point in the interview I brought out a LEGO minifigure that I made to look like me," he recalled. That small LEGO minifigure must have made an impression, because he was offered the position just hours after leaving their office. Almost three years later, he is still with the

LEGO Group, as a Consumer Services Specialist. He enjoys this customer-facing role, helping individuals who have issues with a product or order, and for now, he plans to stick with the company long-term.

Whatever his role at the LEGO Group, Van Demark said his DSU experience is helpful every day.

"I'm not a big computer person, but the technology courses at DSU were beneficial in helping me get more hands-on with programs." One class that was most useful was a refresher class on programs such as Word, PowerPoint, and Excel. "I use a lot of these skills in day-to-day life."

His advice to current and prospective students is to follow their passions and become involved with on-campus activities, as these are good ways to succeed and make friends.

"I learned valuable lessons and leadership skills through the different clubs I participated in. A lot of my best friends I met through those activities, so don't be afraid to go outside your comfort zone."



Andrew Van Demark '14



Justice Forster '23

DAKOTA STATE HAS THE ATMOSPHERE FOR BUSINESS

Dakota State is not only a great atmosphere to earn a college degree, but it's also a great atmosphere to create a new business.

Justice Forster is doing both.

Forster, a junior finance major in the College of Business and Information Systems, is one of the newest occupants of the entrepreneurial space in the Paulson Cyber Incubator and Entrepreneurial Center.

One year, Forster and his younger brother received a 3D printer and experimented with it, gaining them some familiarity with the machine, and enough experience to develop a potential business idea for 3D printed items.

They kept that idea in their minds until fall semester 2021, when Forster enrolled at Dakota

State and got involved with the Collegiate Entrepreneurs Organization (CEO) on campus. Club advisor Dr. Mike Roach inspired them to develop their idea into a business. "Dr. Roach has been very accommodating and helpful getting the from an idea to a business plan," Forster stated.

They call their company Envision 3D, designed as a gaming accessory and 3D printing service business. In the early stages, they began to work with Katherine Cota, Director of Economic Development at DSU, about the services available at the Paulson Center. These include physical resources in the incubator space, and training opportunities through the Fast Launch program.

Fast Launch is a program that helps entrepreneurs develop business ideas through bootcamps, customer discovery, and business plans. These efforts all coordinate to encourage and support entrepreneurs to participate in the annual Governor's Giant Vision Competition. Forster's goal was to enter the student competition this spring.

Support such as these offered by the Paulson Center "can be a lifeline for a business," Forster said. "To be able to base out of this location is a tremendous opportunity."

Envision 3D occupies office space and a small manufacturing area, and the on-campus location is ideal, Forster said. "With the gaming atmosphere here at DSU, there is a good environment for customer-related discovery and testing."

He and his brother are currently focusing on developing gaming-related accessories, with the opportunity to expand. Forster definitely sees tremendous growth in the 3D printing area. "This is a perfect way to start out," he said, with an end goal to cultivate their products and have a popular brand of gaming accessories.

Forster encourages others to investigate the options at Dakota State, or for business development.

"If you have an idea for a business, there's nothing you can't do or take advantage of at Dakota State," he said. "There are a lot of opportunities here to guide you from concept to a fully functional business."

THE BIG PICTURE VIEW MEANS BIG COMMUNITY IMPACT

Dr. Summer Schultz likes to look at the big picture.

The superintendent of the Dell Rapids School (SD) system is a two-time DSU alum, having graduated from Dakota State with her BS in Education in 1998, and a Master of Science degree in Education Technology in 2003.

“When you look at education on a daily basis and the number of lives you touch, there are not a lot of careers in which you can do that and influence a community.”

As a former elementary education teacher, she enjoyed seeing students come through the system and grow and impact the community. Now, as an administrator, “we have the ability to give people tools, resources, and guidance so they have more successes on a broader scope, and continue to have that community piece.”

A native of Colman, SD, Schultz also shares her experience, resources, and guidance with others. She is an adjunct professor at Augustana University, the president-elect of the South Dakota School Superintendents Association, and a Trustee member of the Dakota State University Foundation.

Her educational experience, and the experiences of the past two years, have shown how technology has a major impact on the big educational picture.

“You really could see technology coming,” Schultz said, but given how quickly technology progresses, she knows that some struggle to keep up with the changes. The technology team at Dell Rapids includes individuals who have degrees from DSU, or have attended teacher camps at Dakota State, so their response when COVID hit was “phenomenal,” she said.



Dr. Summer Schultz '98, '03

In a situation such as the pandemic, schools needed to offer parallel instruction whether at home or at school. However, teachers and students need to think the same way, and not see technology as a replacement, but as a tool for academic growth so that they can do more.

This demonstrates how important it is that teachers understand how to use technology. Through her experience with Dakota State and how technology is incorporated in the teacher education program, Schultz appreciates that DSU education graduates know how to implement newer technologies and teach veteran teachers.

“We can offer students such an expanded amount of education with technology and teach them how think big picture,” she said.

FROM MADLABS TO MAD LABS

DSU ALUMNI AND CO-WORKERS OPENING BREWERY IN MADISON

After investing in a downtown property together, co-workers Dylan Johnson and Jarod Keene decided it would be the perfect spot for a brewery.

DSU alumni Johnson and Keene work together in the Madison Cyber Labs building. Johnson, Information Systems Security Officer, and Keene, Research Engineer, are excited to be opening a business in Madison.

The duo took advantage of the resources of the Paulson Cyber Incubator and Entrepreneurial Center, working with Katherine Cota, DSU Director of Economic Development. She assisted them in generating a business plan, developing customer surveys, and determining how they want to handle financials.

“It’s going to be a place for anyone to come hangout and have a good time

They are currently in the process of finalizing the ownership team and will be filing for their LLC (limited liability company) license, determining their financials, applying for appropriate licensing, and working with a general contractor for updates to the building. After that they will begin buying larger brewing equipment and outfitting the space.

“I’m really excited to be starting a business,” Johnson said. He’s enjoyed the feedback they’ve already received about their plans, and some of their brews so far.

As they continue moving forward, they’re also perfecting recipes. Johnson has been brewing beer for about five years. Over the summer he taught Keene to brew as well. The process of brewing takes a few weeks, Johnson explained. After boiling the ingredients, the beer must ferment for two to three weeks, then another week for bottling.



Dylan Johnson '17 and Jarod Keene '19

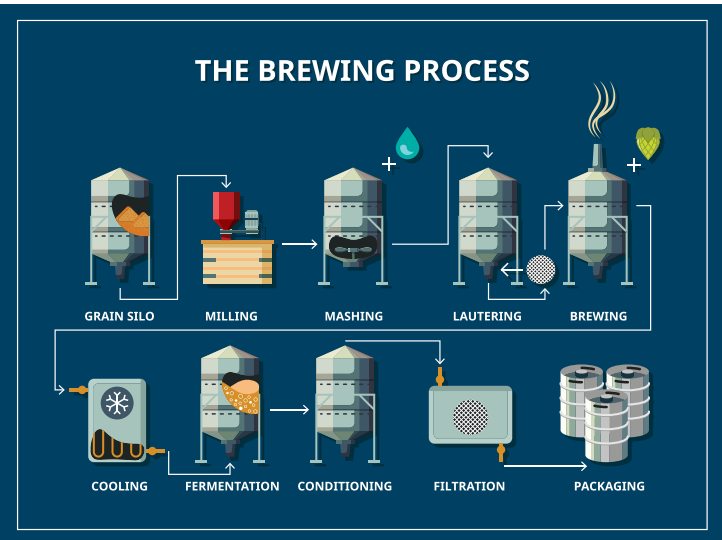
Keene has particularly enjoyed learning about the brewing process and appreciates sharing those brews with others. "When you're the one that made it and you see someone else enjoy it, I like that part," Keene said. "That part is awesome."

They plan to introduce a variety of beers over time including IPAs, sours, stouts, and a lighter beer.

"We've got a good idea of the range of products that we want to have," Keene said. "We want our first few to be quite a bit different."

Their goal is to have about 30 beers available, a few of their own and others from South Dakota breweries like Fernson and Remedy. Eventually, they'd like to see their beers in Brookings, Sioux Falls, and across the state.

MadLads will offer a relaxed, comfortable environment with booths and leather seats. There will be arcade and other games, and entertainment.



"There's going to be live music sometimes, karaoke events, trivia nights, and the beer is going to be really good," Keene said.

"It's going to be a place for anyone to come and hang out and have a good time," Johnson added.

The brewery will not have food, but they will allow customers

to bring in food from downtown businesses.

They hope to open MadLads in the spring of 2023. It will be located at 117 S Egan Avenue in Madison.



Members of the Cyber Security Industry Advisory Board met in the new Madison Cyber Labs shortly after the building opened in 2019.

ADVISORY BOARDS ARE PROGRAM CHAMPIONS

ALL DSU COLLEGES WORK WITH INDUSTRY PROFESSIONALS

“When you need to innovate, you need collaboration.” said Melissa Mayer, a former executive at Google and Yahoo!.

Dakota State has been innovating and collaborating for decades with industry advisory boards.

An obvious role is that of advising, but Dr. David Kenley, Dean of the College of Arts & Sciences, sees the board’s primary role as that of ally and champions of a program.

By providing internships for the students, speaking positively of the program, and helping with recruiting and post-graduate employment for students, these people can help open doors for students, he said.

Students in all colleges can capitalize on these opportunities.

The College of Arts & Sciences

The college has advisory boards for some of its majors, including Cyber Leadership and Intelligence (CLI) and Digital Arts and Design. When the CLI was proposed in 2018, the board was designed into that degree program.

As the advisory boards nurture these two groups, Kenley foresees a third advisory group in the near future for Game Design, as it is one of the college’s biggest majors.

The College of Business & Information Systems

The College of Business & Information Systems has had an accreditation board for Health Information Management since the 1970s, as part of the profession’s accreditation requirement. Now the College has four advisory boards, for Information Systems, Business, undergraduate Health Information Management, and the graduate Health Informatics & Information Management program, said Dr. Dorine Bennett ’78, Dean of the College of Business & Information Systems.

These groups are very helpful to promote programs, as well as provide their ideas on what should be or should not be in the curriculum, Bennett said.

Board members provide input about what they are looking for in the industry, and what they would like to see from the program graduates. They can discuss what they would like the college to cover in coursework, such as new trends, new software, or industry standards. Each board is made up of about 8-10 members each, who serve in a variety

of roles in their industry. Some members are alumni, but some are not, which brings in fresh ideas.

They are also able to share DSU news, such as information about DSU's Giving Day, so the college keeps the members informed through newsletters and other forms of communication throughout the year.

The relationships provide opportunities for internships or mentorships to keep advisory board members involved with the students. "We would like the board members to be more invested in DSU," she said.

COVID actually helped with this involvement; prior to the pandemic, board meetings were always held on campus, which limited the reach for industry representatives to those within a manageable driving distance. In 2020-2021, meetings switched to Zoom, and that allowed the College to reach out to individuals who are further away. Members of the Information Systems board are now from Minneapolis and Omaha.

The College of Education

Dakota State's heritage program of education has also had advisory boards for decades.

"We have a professional education committee that informs our work," said interim Dean Dr. Mark Hawkes. In place for more than 30 years, the group is "made up of internal and external members of the DSU community," he stated.

Members include DSU faculty, teachers and administrators from external schools, and a student. The purpose of this board is not simply advisory, "This is an eclectic group that keeps us anchored to the K-12 environment," Hawkes said, and provide input on policymaking and oversight.

"We have student teachers in many schools, so we are connected to that environment, but this board is another way to put a voice to the process that creates teachers," Hawkes stated.

This is one of the College's three-prong approach to operations and procedures. The second includes a Student

Assessment Monitoring (SAM) Committee which meets once each semester, to view assessment results and provide their recommendations for those requesting entrance into the College of Education. This board serves more than an advisory role, "they are part of the process ensuring the high-quality education in a real functional way, which is key to confirming our entering classes, and it works well for us," Hawkes said.

The final group is a Student Advisory Committee, made up entirely of students who meet each semester, so that the College can receive feedback. This is very enlightening, and the student members are very forthcoming, he stated.

"There is no entity on campus with more oversight," Hawkes said of the College of Education. "There are many lenses on teacher education programs in and out of the state, which is why colleges of education are pretty high functioning. I think we do that well, and engage those partners in the appropriate way," he said.

These committees are part of the external input that professionals have for teacher preparation, and "we are tapping insights from educators in the state to inform the process, and we are so grateful they do this," Hawkes said. "They make exceptional contributions."

The Beacom College of Computer and Cyber Sciences

For ten years, there has been an advisory board which serves as a "two-way street" for information sharing, said Dr. Pat Engebretson, Dean of The Beacom College of Computer and Cyber Sciences.

The DSU Cyber Security Industry Advisory Board (CSIAB) meets once a year. They review new programs and courses, and receive feedback on the curriculum and graduates. This allows for improvements to be made, closing gaps in curriculum, or starting new classes or new degrees.

"This is very helpful to keep programs relevant and to build relationships with regional employers," Engebretson said. It is also advantageous in the approval process for Center for Academic Excellence designations from NSA/DHS.

FOUR DSU STUDENTS ON NATIONAL CYBER GAMES TEAM

TEAM WILL COMPETE IN INTERNATIONAL TOURNAMENT IN 2022

Cybersecurity is no game, but games may be the answer to developing the next generation of diverse, well-qualified cybersecurity talent.

US Cyber Games™ is a new workforce development project, bringing together talented cybersecurity athletes, coaches, and industry leaders to build an elite US Cyber Team for global cybersecurity competitions.

Four Dakota State students or alumni are on the 20-member team: Austen King, Josh

Klosterman, Eric Leslie, and Logan Stratton. They will compete in the inaugural International Cybersecurity Challenge, to be held in Greece June 14-17, 2022.

“To have four members of our DSU family on the US Cyber Games team is beyond phenomenal,” said DSU President José-Marie Griffiths. “It is proof that Dakota State students can succeed in national and global theaters and make a distinctive impact on our world.”

There is a definite need to grow the world’s cybersecurity workforce to address cybersecurity issues, including such hacking incidents with the game streaming service Twitch, and the Colonial Oil Pipeline. The students are well aware of this need.





“There definitely isn’t as much focus on cybersecurity as there needs to be,” said Leslie, a computer science major from Springfield, OR. “We’re getting better every year but so are the adversaries.” As part of the US Cyber Games team, he is “happy to say that I am contributing toward the overall cybersecurity posture of the nation.”

To accomplish this, the project uses gaming (or esports) such as King-of-the-Hill and Capture the Flag (CTF) games.

“There aren’t too many other fields where you can take the same skills you use in a competition and apply them to real-world problems and challenges,” said Klosterman, a Senior Cyber Security Engineer at MITRE. He graduated from DSU in 2017 with a BS in Network and Security Administration, and in 2018 with an MS in Information Assurance. He is originally from Brandon, SD.

This is an effective approach, however. “I do believe the gamification methods through activities and competitions such as CTFs are a helpful method for getting experience and learning new methods to target potential areas of professional growth,” said Stratton, a research engineer

at DSU. A native of Luverne, MN, he holds two Dakota State degrees, a BS in Cyber Operations in 2019, and an MS in Computer Science in 2021.

King agreed. “Gamification of learning, either through competitions or different small rewards, is the best way to get students like me to push further and learn more. Competitions help show me where I need to focus on improving in a broad scope.” King is a Cyber Operations major from Volga, SD, and works as a student researcher in the Madison Cyber Labs® Deep Red Lab.

Other universities represented include the Air Force Academy and Carnegie Mellon, George Mason University, Rochester Institute of Tech, Rutgers, and The Ohio State University. Dakota State has the largest representation.

“At Dakota State University, we are proud of every student’s accomplishments, but sometimes, they rise above our expectations, and take our breath away. These four have demonstrated the caliber of our students by being chosen for the US Cyber Games team,” said Griffiths.

DAKOTA STATE

BY THE NUMBERS

23

bachelor's degrees
in 4 colleges

161
FACULTY

23.2

AVERAGE
ACT SCORE

PROGRAMS

4 PhD

7 MASTER'S

STUDENTS FROM
48 U.S. STATES
52 COUNTRIES

3,219

CURRENT
(FA21)
ENROLLMENT

99%

Placement rate

1,775

INTERNET ONLY STUDENTS

488 — **13**

student-athletes

sports

\$56.6 MILLION
operating budget for FY22

74%

of DSU students
receive financial aid

1,885

SOUTH DAKOTA
RESIDENT STUDENTS



DESIGNING Sound

An interest in music and technology led Xander Morrison to discover electronic music in middle school. From there he began learning how to mix his own songs and record audio.

“Even before attending DSU, I started mixing sound for my church,” Morrison said, “and that’s a pretty easy, low-pressure environment because most of the time, all of the microphones and equipment are already set up for you.”

He went on to work with a production company, Molten Audio, and work local events like the second stage at the Sioux Empire Fair in Sioux Falls.

Now a senior at DSU majoring in Digital Sound Design, Morrison has formed even more connections that are important to help get gigs. “A lot of the connections I’ve gotten here through this year have been pretty valuable so far.”

He was drawn to DSU because it was in South Dakota and a cost-effective alternative to gain high-end music skills, with the ability to teach him what he needed to know.

Morrison describes the program as versatile because sound is incorporated into a lot of different things. The program covers the basics for concerts, theater, recording artists, but also offers other niche courses like sound in video games and movie soundtracks.

“There are a lot of different avenues that give you an excuse to give something a shot and develop additional skills,” he said.

Students use a digital audio workstation to complete their projects. “We have a pretty extensive library of high-end audio plug-ins, which are like bits of software that you can import into the main software that you use with your workstation.”

Outside of the classroom, Morrison is President of DSU Live, a student-run organization that provides event production services for DSU events. They assist with audio and lighting for concerts, theater, and other live events. Members work with hardware equipment, set up speakers, run the board during an event, and more. Students will cycle through different positions to get a little experience with everything.

Live events are a large career field, so the goal of DSU Live is to get people the experience working in that environment, Morrison explained.

In addition to being President of DSU Live, he is the producer of DSU’s podcast Cyberology. He records the episodes and works on editing as well, removing background noise, adjusting volume levels, cutting portions of the conversation, and completing fine editing. The process of fine editing is the most time-consuming, and focuses on removing the ums, uhs, tongue clicks, and other distracting sounds to make for a more polished recording. His work on Cyberology has taught him workflow optimization, organization, and efficiency.

These extracurricular activities have helped him build his portfolio. When he graduates this spring, he hopes to work at the Washington Pavilion in Sioux Falls, SD, and as a DJ.

Team Accomplishments

4 YEARS
MEN'S CROSS COUNTRY

NSAA Conference Champions for 4th consecutive year

RECORD POINTS
MEN'S INDOOR TRACK & FIELD

3rd NSAA Men's Indoor Track & Field Championships in four years (conference meet record points)

NATIONAL QUALIFIER
WOMEN'S VOLLEYBALL

NAIA Women's Volleyball National Tournament Qualifier for the 2nd time in three years

BACK2BACK

- Back to back NSAA Women's Basketball Regular Season and Tournament Champions (53-11 combined record in the last two years prior to the national tournament – 27-4 record in 2020-21 and 26-7 in 2021-22)
- 17th conference regular-season champion in program history (11 in the SDIC, 4 in the DAC, 2 in the NSAA)

WOMEN'S BASKETBALL

UNDEFEATED @ HOME

Undeclared at home in North Star Athletic Association conference play (4-0 record), including an upset victory over NSAA's powerhouse #15 ranked Valley City State, ND– first time going undefeated at home in NSAA conference play since the league formed in 2013

MEN'S FOOTBALL

CHAMPIONS
ESPORTS

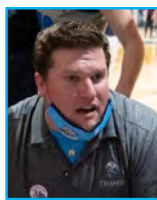
Hosted the first-ever CCL conference tournament in the League of Legends and VALORANT.

Coach & Staff Accomplishments



ANTHONY DREALAN
 Four-time NSAA Men's Cross Country Coach of the Year

Three-time NSAA Men's Indoor Track & Field Coach of the Year



DAVID MOE
 3rd straight NSAA Women's Basketball Coach of the Year



AMY VEENHOF
 200th career coaching wins milestone victory

Athlete Accomplishments



NOAH GUSE

- NAIA Football All-America First Team Defensive Back
- 2-time NAIA Football Defensive Player-of-the-Week one in 2020 and another one in 2021
- All-time school record with 19 interceptions and single-season school record with eight interceptions – he led the NAIA in total interceptions



CALEB NIELSEN

- NAIA Football All-America Second Team Punter
- NAIA Football Special Teams Player-of-the-Week (fourth best punting average in the NAIA – 42.1 yards per punt, established all-time school record punt average of 40.9 yards per punt)



MADDIE POLZIN

- 2nd straight year of being NAIA All-America Third Team selection



HANNAH VIET

- NAIA Volleyball All-America Honorable Mention



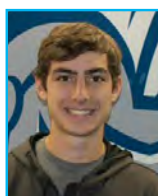
JESSI GILES

- Back-to-back NSAA Women's Basketball Player of the Year



TRESHAWN ROBERTS

- First NAIA Men's Indoor Track Heptathlon All-America



CODY FARLAND

- NSAA Men's Indoor Track Athlete-of-the-Meet
- NSAA Men's Indoor Track & Field Most Valuable Athlete



JACIA CHRISTIANSEN

- Co-NSAA Women's Indoor Track & Field Most Valuable Athlete



CONNER TORDSEN

- NAIA Men's Indoor Track & Field national qualifier in the weight throw



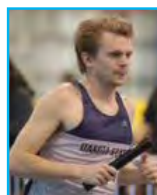
KEZLEY YEAGER

- NAIA Women's Indoor Track & Field national qualifier in the 400-meter dash



JOE LYNCH

- NAIA Men's Indoor Track & Field national qualifier in the high jump



JOSHUA KRULL

- NAIA Men's Indoor Track & Field national qualifier in the 600-meter run



JOSHUA KRULL, EVAN SLOMINSKI, ROGER OLIETE TEJEDOR, CODY FARLAND

- NAIA Men's Indoor Track & Field national qualifier in the 4x800-meter relay with the second fastest time in school record book



LAHNA MATUCHA

- NAIA Women's Indoor Track & Field national qualifier in the high jump

CYBHER CONVERSATIONS

CybHER Conversations are live webinars which take place every other Wednesday from 4 – 4:30 p.m., CST. CybHER Conversations allow students to meet female professionals doing amazing work in cybersecurity and technology and ask questions. These professionals come from different industries, but all want to help students explore different possibilities of what they can become. CybHER Conversations is open to any K-12 student, teacher, or parent.

Register here:



www.cybher.org/cybher-conversations/



Tyler Flaagan, '14, '16, '21

3-D PRINTED TRAIN ENGINES PART OF IC3D CAMPAIGN

After being around for about 40 years, 3D printing has gone the way of most technology. The printers have become smaller, more affordable, and much more accessible to the general public.

IC3D Industries, a digital 3D printing company based in Ohio, took advantage of this availability for a philanthropic reason, “to help warm the hearts of children” through a 3D printed Toys for Tots campaign.

In 2018, they reached out to volunteers in the 3D printing world to produce 150 toys. This year, the campaign surpassed its goal of 50,000.

“This would be a good opportunity for the students to try things out and get some hands-on experience with printers.

Dr. Tyler Flaagan, Assistant Professor of Computer and Cyber Sciences in The Beacom College, heard about this opportunity and decided to make some toys on his two printers.

“I just thought it was a cool thing, and it’s not that hard to do, so I figured I’d try it this year and see how it went,” he said.

Flaagan chose to produce train engines. He could print three at a time; the separate wheels he could print 16 at a time. He started early in October so he could create as many as possible before the shipping deadline.

He hopes to get the Computer Club involved with this project next year.

“This would be a good opportunity for the students to try things out, and get some hands-on experience with printers to help bring the joy of Christmas and send a message of hope to America’s less fortunate children,” Flaagan said.



WANG, RIMAL STUDY IOT DEVICE IDENTIFICATION

Dakota State often uses the term “DSU Rising.” Dr. Yong Wang likes to say that “Research is Rising” at DSU.

Wang is part of that success; he and colleague Dr. Bhaskar Rimal have been awarded a National Security Agency grant for research work that takes place in the PATRIOT Lab, one of the Madison Cyber Labs at DSU. They are co-directors.

PATRIOT stands for Protection and Threat Research for the Internet of Things. Their research proposal, titled “Machine Learning Assisted Cloud-Based Continuous Learning Approach for IoT Device Identification,” does just that – looks at threat research for devices connected to the internet. These are IoT devices, meaning Internet of Things.

Rimal said people have “tons of IoT gadgets” from cell phones to home automation devices. “The problem is how to manage those devices and protect them from attack, and how we can uniquely identify those in a narrow environment.”

In addition to personal devices, enterprise networks are vulnerable, public service organizations such as the DoD that have thousands of devices connecting to the entire structure every day.

When a device is compromised, you want to disable that device from the network. “To do this you need to know the device location on the network, the device type, and what kind of control you can apply on it,” Wang stated. “Without knowing those, you aren’t able to apply access controls on the device to disable it and get it out of the network.”

Through the research, “our hope is to try to create a product that can be used in the enterprise network to help uniquely identify the device so if the project is successful, we can make a lasting impact,” Wang said.



DALE DROGE AND KARI FORBES-BOYTE TO RETIRE

With a combined 47 years of experience at DSU, Drs. Dale Droge and Kari Forbes-Boyte will be retiring at the end of the 2022 school year.



Droge arrived at DSU in 1992. He has served as Professor of Biology, General Faculty

President, Acting Dean, and Academic Coordinator for Math and Science. He has fundamentally shaped DSU as we know it today.

Droge is an expert on South Dakota’s ecology, including its wildlife. A visit to Droge’s on-campus biology lab is almost as much fun as a trip to the zoo, as he has filled the space with taxidermy featuring various birds and animals. His work is well respected by the South Dakota Academy of Sciences, and he has been a frequent contributor to the Academy’s publications.

Kari Forbes-Boyte began her employment at DSU in 2005, as Dean of the College of



Arts and Sciences and Professor. In 2013, she resigned from that position to pursue her love of teaching full time. As the only geographer and anthropologist at

DSU, she taught a wide range of courses. For the last four years of her career, she taught only online courses.

Forbes-Boyte has studied the importance of sacred sites to the Dakota /Lakota peoples and the Foothill Konkow in Northern California.

Forbes-Boyte’s favorite memories are from her time in the classroom. She stated: “Project-based learning allowed me to work with small groups of students, thereby providing an opportunity for me to get to know my students and to be actively engaged in their learning process. I especially loved teaching the Physical Geography labs because students were so excited about some of the experiments we did.”

ANIMATION STUDENT ISABEL SMALL CREATES AN ANIMATED WALKER DESIGN

Michael Bankowski is the CEO and founder of Prosperous Home Health, a Sioux Falls-based organization. When he came up with the idea for a robotic walker, he knew he would need help to bring his dream to fruition. After securing a patent, he reached out to DSU’s production animation program for help in designing a prototype. Isabel Small, one of Prof. Daniel Seman’s students, agreed to help. Using schematic diagrams, Isabel designed a 2D model of the robotic walker which could be used as part of a Small Business Innovation Research grant application.

ENGLISH FOR NEW MEDIA GRADUATE, JOINS THE OMAHA WORLD-HERALD

“My Dakota State education made me a well-rounded person and journalist,” Dan Crisler explains, helping him to land a job as a reporter with the Omaha World-Herald. English classes, Crisler reports, helped him develop critical thinking skills while learning to analyze complex issues and present his ideas in a convincing fashion. Crisler graduated from DSU in 2013.



GAME DESIGN STUDENT GABE SIMAO EXPANDS ON 3 O’CLOCK HORROR

After the successful production of the game 3 O’clock Horror, Gabe Simao is now working to make the program



compatible with mobile devices.

Gabe is a Game Design and Computer Science major from Brazil, and his ongoing work is supported with a Student Research Initiative (SRI) grant.

ENGLISH PROFESSOR STACEY BERRY EARNS WOMEN IN LEADERSHIP CERTIFICATE

Dr. Stacey Berry has taken on a leadership role in fostering research across DSU. Consequently, when she had the opportunity to enroll in Case Western



Reserve University’s Women in Leadership program, she quickly took advantage of it. Berry enrolled in a specific course, “Women in Leadership: Inspiring Positive Change,” which “empowers women and men across the world to engage in purposeful career

development and take on leadership for important causes---to lead change with more conviction and confidence---and improve our workplaces and communities for all.”

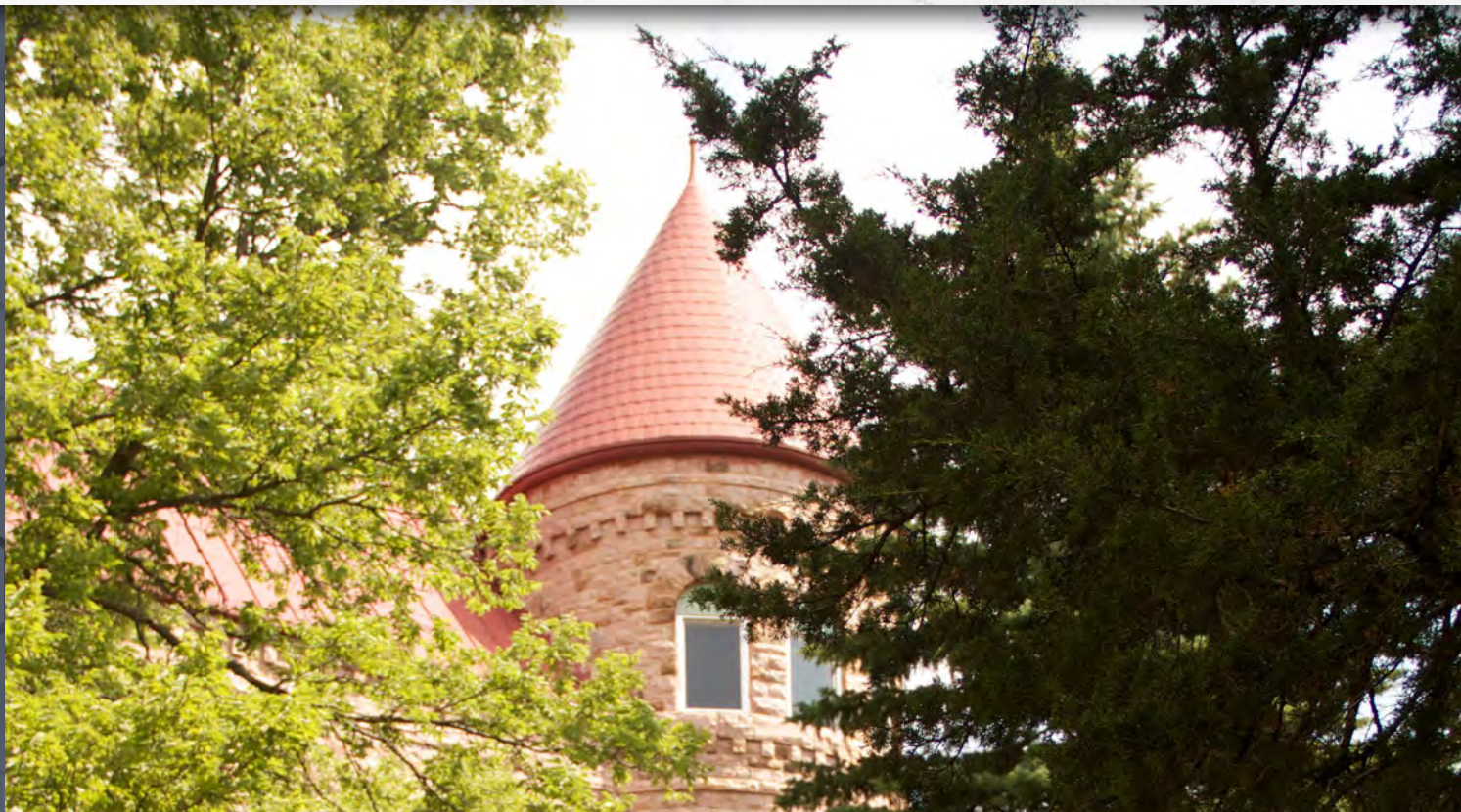
ART STUDENTS CONTRIBUTE TO FEEDING SOUTH DAKOTA

In February 2022, Prof. Angela Behrends and her students organized an art exhibition at Sundog Coffee house in Madison, South Dakota. The theme of the exhibition was “food,” with various hanging mobiles, fridge magnets, and greeting cards. Patrons of the coffee shop were allowed to purchase the donated pieces, with all proceeds going to the organization Feeding South Dakota. The art pieces were created by our own DSU faculty as well as their students.

PRAIRIE GRASS FILM CHALLENGE RECOGNIZES DSU STUDENTS

Dordt University hosted the 2022 Prairie Grass Film Challenge (PGFC), with production teams from throughout the Midwest participating. DSU’s film production students contributed their own entry, titled “A Killer Performance,” which was awarded second place in the festival, and was nominated for the People’s Choice Award. A total of 14 DSU students contributed to the production process as writers, directors, editors, and actors.





FACULTY IN THE COLLEGE OF BUSINESS & INFORMATION SYSTEMS ARE COMMITTED to ensuring our curriculum is current and relevant to prepare our students for their future careers. In recent years, we have introduced new courses such as Fraud and Forensic Accounting and Clinical Documentation Integrity, and new programs such as the BS in Artificial Intelligence for Organizations, the certificate in Project Management, and the minors in Financial Technology and International Business, just to name a few examples. And, of course, faculty are always updating the content of their existing courses to include timely topics as well.



PHI BETA LAMBDA

Dakota State hosted the second annual Future Business Leaders of America-Phi Beta Lambda (FBLA-PBL) South Dakota State Leadership Conference in November with attendees from other universities and colleges in the state. As part of the event, there was a panel discussion regarding the integration of innovation across various industries including manufacturing, accounting, health, and banking. Panelists talked about the technologies these companies use to maintain and improve their business, what challenges they've confronted in the face of innovation, how their employees contribute to the integration of innovation, and more.

ENTREPRENEURSHIP

Several DSU students attended the annual Sioux Falls Innovation Expo in October. Collegiate Entrepreneurship Organization (CEO) president Kevin Jenkins was a finalist in the student pitch competition at the event. One of the tremendous speakers at the Innovation Expo was DSU alumnus and Marketbeat founder Matt Paulson.

FUTURE ENTREPRENEURS

Collegiate Entrepreneurs Organization (CEO) faculty advisor, Dr. Michael Roach, and CEO president Kevin Jenkins are preparing future entrepreneurs with a business plan competition. The two were featured in a Sioux Falls Business article titled "Future entrepreneurs gain early guidance through 'CEO Club'."

AUTHOR

Daniel Van Deest, one of our Health Information Administration graduates, recently published a novel titled, "Echo: A Detective Lindstrom Story." This is the second book in the series, following "Balance: A Detective Lindstrom Story."

HIGH SCHOOL INVESTMENT CONTEST

The College of Business & Information Systems hosted the second annual high school investment contest in Fall 2021 coordinated by Associate Professor of Finance, Dr. Yenling Chang. In this competition, students create and manage a "virtual" portfolio using Market Watch as their online portfolio management platform. The students were playing the game guided and advised by the business teacher at their high school.

Starting with a virtual amount of \$100,000 to invest, the contest competitors were evaluated on their management of the portfolio according to their adherence to a chosen investment strategy, rationale for stock selection, compliance with the competition's guidelines, and portfolio return. The goal is to maximize the return and beat the Standard and Poor 500 Market Index (S&P500), which is a composite index consisting of the largest 500 companies listed on the United States stock exchanges.

ALUMNI NEWS

College of Business & Information Systems alumna Karen Hildebrand was featured in a recruiting video for her company. She is the Worldwide Technology Leader for the Agriculture Industry at Amazon Web Services (AWS), and completed three degrees from DSU, including a BBA in Marketing, an MS in Information Systems, and PhD in Information Systems.

Amy Crissinger was recently named as the Vice President for Student Affairs for Dakota State University. She is a graduate of DSU, having earned a business degree from the College of Business & Information Systems.

DAVID DE JONG NAMED NEW EDUCATION DEAN

Dr. David De Jong has been named the new Dean of the College of Education at Dakota State University.

De Jong served as the Chair of the Division of Educational Leadership at the University of South Dakota but said he was inspired to apply for the DSU position because of DSU’s heritage mission in education, which is now augmented by its signature mission with technology.

“I was drawn to DSU’s College of Education because of the opportunity to inspire educators at a university with an emphasis on technology and innovation,” he stated.

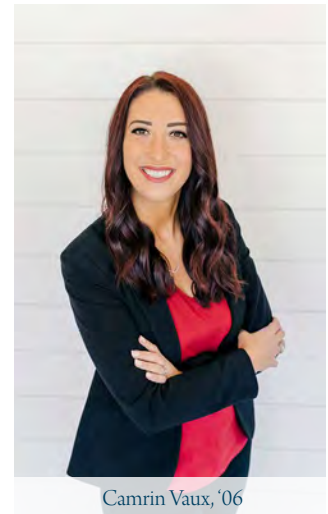
De Jong brings to this position a great deal of experience and brings a great deal of experience and education to the field. He has a bachelor’s degree in Elementary Education and Middle-Level Education from the University of Northern Iowa (UNI); a master’s degree in Educational Leadership from Drake University; a Superintendent’s License in Educational Leadership from UNI, and an Ed.D. in Educational Leadership, also from UNI.

In the K-12 arena, he has taught elementary classrooms and served as an elementary principal and superintendent in schools in Pella, Iowa. At USD, he has taught and developed many graduate education courses, served as an advisor and on many dissertation committees. He has trained over 150 K-12 schools, colleges, and universities in facilitating simulations, and has led 13 national webinars on simulations and other topics. His own research has been published in peer-reviewed journals, and he is active with professional organizations.

De Jong will begin his duties at Dakota State on June 22. After the retirement of Dean Crystal Pauli in 2021, Dr. Mark Hawkes, Graduate Studies Dean, has served as interim dean for the past academic year.

DSU ALUMNA CAMRIN VAUX WINS MILKEN AWARD

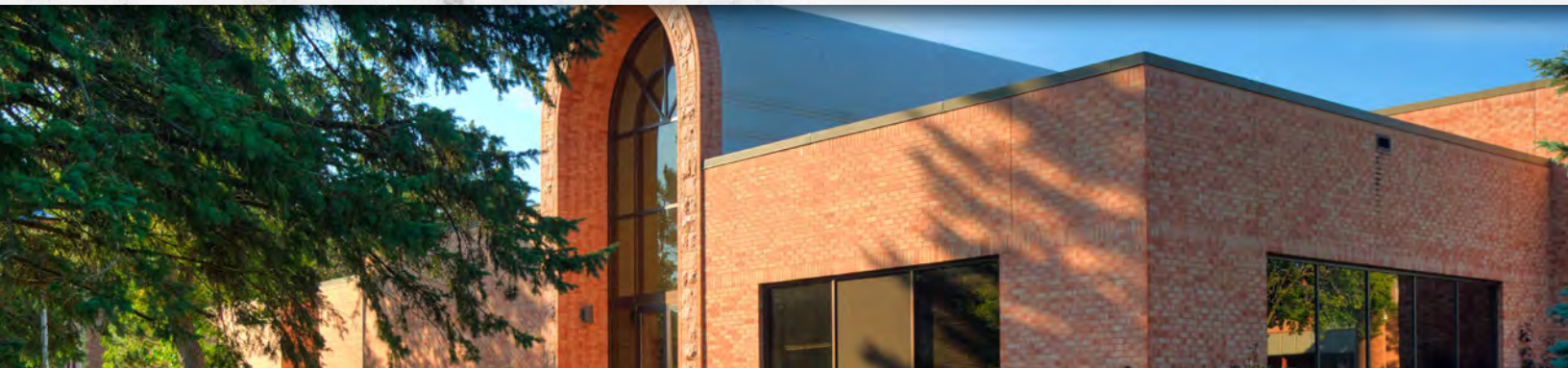
Dakota State University 2006 alumna Camrin Vaux has won one of the highest honors in education, a Milken Educator Award. The Milken Educator Awards, often referred to as “the Oscars of teaching,” were created by Lowell Milken to celebrate teachers. They are being awarded to over 60 teachers nationwide during the 2021-22 school year. Each award comes with a \$25,000 cash prize.



Camrin Vaux, '06

Vaux’s own experiences as a learner influenced her decision to become a teacher. “I had educators in my life who inspired and motivated me not only to know I could do and be whomever I wanted to be, but also pushed me with high expectations to do and be exactly that,” she said. That motivation inspired her to provide others with that empowerment. Her education at Dakota State helped prepare her to do that.

“My collegiate experience at DSU helped to build a firm foundation for my career in education,” Vaux said. The practicum experiences gave her the confidence to facilitate an empowering environment and create an atmosphere “where all individuals are able to engage themselves in a positive learning environment.”



As a fifth-grade teacher at Camelot Intermediate School in Brookings, she is successfully creating this environment.

Vaux creates individualized contracts with students to keep them accountable for meeting their learning goals. The students design their own experiments, conduct research, document their findings with videos and photos, and compile the resulting data into compelling presentations.

At Camelot, a Mass Customized Learning (MCL) approach was introduced to focus on meeting individual needs. Vaux is now the MCL facilitator and tracks schoolwide data on science learning objectives, leads the personalized learning committee, creates lesson plans, and more. In addition to leading the fifth-grade team, Vaux mentors new teachers and serves on committees and the principal's advisory board.

She also works with the National Inventors Hall of Fame to provide Camp Invention, a confidence-boosting STEM summer camp at Camelot for K-6 graders. Outside the classroom, she is active throughout her community.

Vaux earned a Master of Education in 2012 from South Dakota State University and is currently working on her Ed. D. from the University of Sioux Falls and plans to graduate in 2024.

TEACH CAMP FOCUSES ON DIGITAL TOOLS

The unprecedented events of a worldwide pandemic left schools empty, and teachers, administrators, and counselors struggling to work with students from a distance. That's when DSU's College of Education stepped up to provide leadership. In the spring term of that year (2020) DSU organized a series of e-learning help sessions for K-12 teachers called "Teach Camp". Led by DSU Associate Professor Kevin Smith, Teach Camp sessions focused on the use of digital tools to support e-learning such as screen casting, video response platforms, interactive presentation tools, and real time assessment applications. These sessions were free to K-12 teachers and taught by DSU faculty and even other K-12 teachers—most of whom were DSU graduates whose educational technology endorsements acquired during their teacher preparation at DSU helped them become leaders in student engagement in their school buildings and throughout their school districts.

That first year of virtual Teach Camp spawned a second year (2022) of similar professional development opportunities free to teachers at large. There were over 400 attendees last year. The one-day event included a combination of content that was shared at DSU STEAM Camp and the Trauma Sensitive Teaching Conference. And now we are hosting the third year (2022) of virtual Teach Camp that provides training experiences to K-12 teachers. The June event also allowed teachers to receive both continuing education and graduate credit for their effort.



UPDATES FROM THE MADLABS®

Madison Cyber Laboratories, or MadLabs®, continue to be a dynamic campus presence at DSU. In addition to a near-constant influx of student and part-time R&D personnel, some labs have major personnel updates to report.

Collaborators on Business Analytics Research in our “CBAR” lab have a new director in Assistant Professor Dr. David Zeng, who followed Prof. Daniel Talley and quickly hit the ground running with new projects. He cemented a contract with one private sector entity to produce real-time, machine learning-enabled market analytics. CBAR has begun discussions with another sizeable regional company to produce both internal analytics and customer-facing tools to support marketing operations.

After a very active stint with our Digital Forensics for Cyber Enforcement (DigForCE) Lab, Special Assistant to the Attorney General (SAAG) Toby Russell has been promoted to state Commander of the South Dakota Division of Criminal Investigation’s Internet Crimes Against Children (ICAC) Task Force. DSU is pleased to welcome Kendra Russell as the new Director of Law Enforcement Engagement. Kendra is a Special Agent with the South Dakota Division of Criminal Investigation. She has been employed as a law enforcement officer in the State of South Dakota since August of 2017. As a Special Agent with the State of South Dakota, her duties have included investigating violations of federal laws and state laws concerning the unlawful use of mobile devices and computer equipment as pertaining to criminal offenses. In addition to her new duties at DSU, Kendra is assigned to the South Dakota Internet Crimes Against Children (ICAC) Task Force as a computer forensic examiner.

DSU REMAINS DEDICATED TO ECONOMIC DEVELOPMENT

The Paulson Cyber Incubator and Entrepreneurial Center (Paulson Center), located in the Entrepreneurial Building at DSU, celebrated its grand opening in August 2021. Since the opening, activity has increased substantially. Envision 3D, a design and printing company owned by DSU student Justice Forster and his younger brother Pack, is housed in the student business incubator. The Paulson Center's educational program has included several bootcamps; workshops; and a cohort of Launch Lab, a multi-week lean start-up

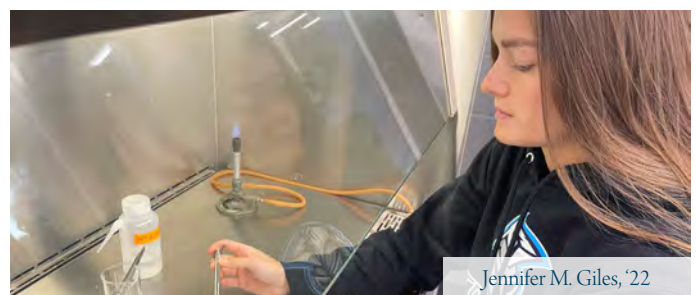
course. Additionally, the Paulson Center provided the educational content and teaching for the new FAST Launch program of SD Biotech and EPsCOR. This program taught more than 55 companies basic business information as well as customer discovery and business plan development. The Paulson Center hosted guest speakers for various entrepreneurship celebrations like Global Entrepreneurship Week. Finally, the Center will be hosting Lemonade Camp this July, its first day camp for fourth and fifth graders.

LOCALLY-SPONSORED RESEARCH PRODUCES PUBLISHED RESULTS



Dr Andrew Sathoff and Connor L. Tordsen, '22

adult plants leading to loss of lateral roots and nodules. At the seedling stage, ARR decreases alfalfa stand establishment, and field longevity is reduced when adult plants are infected. Sathoff recruited several DSU students to work on these problems with him, and their work has produced a new article: "Management strategies and distribution of *Aphanomyces* root rot of alfalfa (*Medicago sativa*), a continuing threat to forage production in the United States." Undergraduate researchers Jennifer M. Giles, Conner L. Tordsen, Travis R. Rebstock, Bruna Bucciarelli, and Deborah A. Samac authored the article with Dr. Sathoff. It is forthcoming in the journal *Plant Pathology*.



Jennifer M. Giles, '22

Two years ago, drawing on his extensive experience as a microbiologist and plant pathologist, Dr. Andrew Sathoff worked with DSU's Research staff to approach Mustang Seeds about sponsoring some data generation on alfalfa and forage crop pathogens. That conversation has resulted in the publication of some exciting research. Alfalfa (*Medicago sativa*) is one of several legumes that is affected by *Aphanomyces* root rot (ARR) caused by *Aphanomyces euteiches*. Symptoms of ARR on alfalfa seedlings include a yellow-gray discoloration of roots, rotting and loss of lateral roots, stunted growth, chlorotic foliage, and reduction of nitrogen producing nodules on roots. Infection can also occur on

DSU CELEBRATES ITS RECENT GRADUATES

COMMENCEMENT HELD ON MAY 7



UPCOMING 2022 EVENTS

AUG 25

AG BOWL

This annual event will include a tailgate meal, skydivers, raffles and fun for the entire family.

SEPT 22

GIVING DAY AND DAY OF SERVICE

Our 12-hour giving campaign that inspires alumni, students, friends, faculty and staff, and supporters to Rise UP together, show pride in their alma mater, and provide essential funding to support current and future students. Our 7th annual Day of Service also takes place on this day where faculty and staff are involved with a variety of service projects. For more information, visit givingday.dsu.edu.

SEPT 24

HOMECOMING

Trojan Days are Dakota State's homecoming celebration. The week will start with coronation on Monday and end with the parade and football game on Saturday.

For more information or to see other upcoming events, check out dsu.edu/calendar.

DOUBLE THE DONATION

Did you know many companies match employee donations?

Gifts from spouses and retirees may also be eligible.

SCAN HERE



THANKS!



ACCOMPLISHMENTS

CLIFF ANDERSON '73 (Education) and **BRETT SCHWARTZ '91** (Business Management) were inducted into the South Dakota Intercollegiate Conference Basketball Hall of Fame. Both are members of the DSU Athletics Hall of Fame.

MIKE PETERREINS '76 (Education), **JASON SMIDT '01** (Elementary Education), and **PAUL PARK '80** (Business Administration) have been inducted into the South Dakota Intercollegiate Conference Men's Basketball Hall of Fame.

GENE WOCKENFUSS '83 (Education) former football coach and athletic director, has returned to Madison and has been hired as the Director of the Madison Community Center.

LISA LEUNING '02 (BS in Multimedia/Web Design, and BS in English for Information System) has been featured in Becker's Health IT as a marketing executive of one of the 10 largest nonprofit health systems. She is Director of Marketing, Strategy and Product Growth at Avera Health (Sioux Falls, SD).

KAREN HILDEBRAND '03 BS Marketing, '04 MS Information Systems, '12 DSc Information Systems. Worldwide Technology Leader for Agriculture at Amazon Web Services (AWS). The company recently featured her in a video in which she discusses ways technology is being used in agriculture.

KYLE BRUINSMAN '09 (Exercise Science) is teaching K-12 computers/business in Plankinton, SD.

TAMARA BLISS DEUTZ '09 (BS Professional Accountancy, BBA Finance) has been promoted to full equity partner of the practice at Hoffman & Probst, PLLP, a full service, certified public accounting firm in Minnesota.

DRU STRANDE '16 (Elementary Education) has been named the head football coach for the Huron Tigers beginning with the 2022 season. He played football at DSU for one season.

JACOB GEARY '20 (Biology) departed for Antarctica on Nov. 13, 2021, on the Coast Guard ship the Polar Star, to support Operation Deep Freeze, a joint military mission to resupply US Antarctic stations of the National Science Foundation, the lead agency for the US Antarctic program. They will be creating a navigable path through ice as thick as 21 feet, to refuel and resupply the McMurdo Station.

KATELYN KAMPSHOFF '21 (Elementary Education) is teaching first grade at McCook Central Schools in Salem, SD.

IAN OHLMAN '21 (Computer Science) has been promoted to developer at Swanson Russell, a branding, advertising, and public relations agency in Lincoln and Omaha, NE.



AUSTIN SMITH '21 (Computer Science) has joined EPIC Companies (based in Fargo, ND) as a Web Developer.

BIRTHDAY GREETINGS

CHARLES MCCLUSKEY '70, Professor Emeritus of Education & Psychology, turned 90 on April 26, 2022. Happy birthday from your Trojan Family!

IN MEMORIAM

GRACE IRENE KRUMM '33 (Teaching Certificate)

IRMA BROOKS MARTIN '41, '67 (Certificate, BS Education)

DOROTHY SPRAGUE SULLIVAN '47 (Elementary Education)

NEVAH RUNNER ODLE '52 (Teaching Degree)

MARLENE NACE SCHUMM '58 (Elementary Education)

GLADYS SIEGFRIED MCCRACKEN '59 (Associate Degree)

KATHRYN BOLLINGER CINK '60 (Teaching Degree)

MONICA RUBENDALL OLSON '61 (Elementary Education)

JAMES R. CINK '63 (Mathematics)

NEAL RAY MCINTYRE '64 (Education)

ANNA KEENIHAN VINZ '67 (Education)

MARVIN J. EIDE '68 (Industrial Arts)

WILLIAM SILLIMAN '68 (Elementary Education)

BONNIE R. PIERCE '69 (Education)

DALE L. TECKLENBURG '71 (Business)

RICK LEE JANSSEN '74 (BS Arts & Business)

DEBRA NIGHBERT NOLD '79 (Biology)

CHIP O'MALLEY '93 (Business Administration)

WAYNE E. PAULI '01 (MS Information Systems)

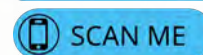
LEONA K. DITTMAN Friend of DSU

MELISSA THOMAS LEBER Attended

KYLE ALLEN LEHMAN (CYBER SECURITY) Attended

GIVE US YOUR INFORMATION

Submit your Class Notes or update your information at TrojansUnite.org.



FEATURED MEMORIALS



DR. RICHARD GOWEN

Former Dakota State President, Dr. Richard Gowen, passed away in November 2021. He was President from 1984 to 1987.

Dr. Gowen had an educational background in engineering, and in 1962 he earned the first PhD in the nation in what was, at the time, a new research area -- biomedical engineering. He also had experience with NASA and the Air Force. This combination of education and experience made him the ideal person to lead Dakota State during the first years after our mission change. He saw challenges simply as opportunities to excel.

Dr. Gowen moved on to be President of South Dakota School of Mines & Technology for 16 years. In his retirement years he continued to contribute to higher education and research by working to establish the Homestake Gold Mine as an underground science lab. He was inducted into the South Dakota Hall of Fame in 2012.



WAYNE E. PAULI '01

(MS Information Systems) Wayne, 66, passed away Monday, March 21, 2022. Wayne worked in the banking industry for many years, but developed an interest in technology and received his Master's degree from Dakota State University in 2001, and a PhD from Capella University. He was a Professor of Information Systems and Cyber Security at Dakota State University for many years, teaching, conducting research, and mentoring students. He retired in June 2021.

Wayne is survived by his wife, Crystal, former Dean of the College of Education, three children and seven grandchildren. If you wish to honor Wayne, please consider a gift to the Pauli Family Endowment with the DSU Foundation.



GRACE DISSING KRUMM '33

(Teaching Certificate) Grace passed away on March 14, 2022, at 107. She was oldest living graduate of Dakota State University. She and her husband were married for 72 years, and made 33 moves across the country during their years together. She worked in education, but also managed an apartment complex, and worked as a riveter during World War II. Her obituary reads "There was not anything she could not accomplish yet she remained ever so humble. She taught many lessons and touched many lives along life's journey. Our memories of love and laughter will not fade, inside our hearts she will always remain."



DAKOTA STATE

FOUNDATION & ALUMNI

820 N Washington Ave
Madison, SD 57042

605-256-5693

RETURN SERVICE REQUESTED