Rooted in Ag
Students continue generational farming

ANNAMARIE SACHS &
TAYLER LARSEN
Reporters

Not many people can say they are a part of a seven-generation farm, but senior agriculture science major Alexandra Miller can — and she’s excited to continue the tradition.

Her passion began in her hometown of Onawa, Iowa, where she found a love for farming and agriculture. Both of her parents come from farming families that go as far back as her great grandfather raising horses on his farm. Miller hopes to start her own farm and hopefully add some livestock to the 3,000-acre soybean and corn farm she grew up on.

For Miller, the payoff of working hard is what drove her toward her career choice.

“Both sides of the family really led me to become a farmer and that’s when I decided that’s what I really wanted to do,” she said. “I want my family and children to experience what I did and experience the same values I do.”

Continuing the family tradition of agriculture is a passion of many students in the College of Agriculture, Food and Environmental Sciences (CAFES), according to Mary Christensen, a coordinator, and adviser for students in the agricultural science, agricultural education, communications and leadership majors.

Since the beginning of South Dakota State, agriculture education has been one of the missions of the university. Today the CAFES has hundreds of students enrolled in the college.

Among one of those students is freshman animal science and agriculture communications major, Sadie Vander Wal.

“What I love most about this industry is how I, like many other farm kids, have been able to be a part of it since I could walk,” Vander Wal said. “Whether it was going out to check fields with my dad or feeding the bottle calf, agriculture has been a part of my life as long as I can remember.”

Both of Vander Wal’s parents also attended SDSU. Her father, Jeff, majored in agricultural education and her mother, Beth, majored in agricultural business. Choosing agriculture was an easy decision for them both since they had experience in the industry growing up.

For generations to attend the same college for the same or similar career has significant meaning behind it. David Wright, the head of the Department of Agronomy, Horticulture and Plant Science agreed.

SEE FARMING ON A10
funded the original $3 per credit hour in 2021 and athletics operations will be funded its original $1.01 per credit hour in 2020.

Wellness Services’ original 95 cents is split between two years. In year one, Wellness Services receives 75 cents per credit and 20 cents per credit hour in year two.

Sen. Nick Lorang moved to amend the GAF analysis. It passed. In this amendment, Wellness Center and transportation funding were knocked down by a few cents.

So instead of getting 76 cents per credit hour and 20 cents per credit hour in year one and two, the Wellness Center will get 75 cents in year one and 81 cents in year two. Transportation was amended by one cent, so in the first year it gets 9 cents, instead of 10 cents.

President Allyson Monson said that changes “wouldn’t affect things students are super excited about, like the extended Wellness Center hours.”

ATHLETICS MOU VOTE POSTPONED ONE WEEK

The next step is to take a vote, which would no longer make it a draft. Senators made the decision to wait another week to vote on the Athletics Memorandum of understanding.

PARKING PROBLEMS ADDRESSED BY RIENTS

Jessica Rients with Parking Services answered questions concerning wintertime parking and Parking Services’ revenue, giving senators a better understanding of why Parking Services does the things it does.
2+2 veterinary program attempts to fill field vacancies

ANNAMARIE SACHS
Reporter

The American Veterinary Medicine Association listed 51 vacancies in South Dakota, North Dakota, and Minnesota and more than 2,000 positions nationwide. A collaborative effort between the University of Minnesota and South Dakota State University could help resolve this issue.

The 2+2 veterinary program is new to South Dakota but is not the first of its kind in the nation.

In the first two years, students would learn at SDSU within the Department of Veterinary and Biomedical Sciences and the last two years at the University of Minnesota College of Veterinary Medicine as early as August 2021.

The University of Nebraska-Lincoln and Iowa State were also consulted to be the SDSU cohort, but the University of Minnesota was the final decision.

Dustin Oedekoven, the South Dakota state veterinarian and executive secretary for the South Dakota animal industry board, shares his own insight on what this program could do for South Dakota and SDSU.

“Of the greatest benefits to students who are accepted into the Rural Veterinary Medical Education (RVME) Program is that by staying in S.D. and paying in-state S.D. tuition, the opportunity to keep student loan debt to a minimum,” Oedekoven said. “Also, SDSU has a long history of turning out great pre-veterinary students who are academically well prepared for the rigors of professional school.”

Oedekoven is a past graduate of SDSU, who later got a pre-veterinarian degree in agricultural sciences and went on to veterinary school at Iowa State. He knows that this will be a great opportunity for our university as well as the state.

“As the state’s chief animal health official, I can clearly see the benefits to animal health, public health, and food safety that a school of veterinary medicine will bring to our state,” Oedekoven said. “There are opportunities to build upon the investments that have been made to the Animal Disease Research and Diagnostic Laboratory (ADRDL) expansion and renovation, in the form of additional faculty that will teach, as well as conduct research and diagnostics.”

Amber Theis, a freshman in animal science on the pre-veterinary track realized her love of science, medicine and animals would find her a career in something she has a passion for.

“I grew up with no real experience with livestock, but I have always loved animals and I always wanted to know more about the medical field, so veterinary medicine seemed like a good fit,” Theis said.

Students agree that a vet school at SDSU would be beneficial.

“A vet school would be awesome, because of our amazing animal science program and a vet program could inspire more students to continue with seeing graduate students working on their studies here,” Theis said.

According to Veterinar-ianedu.org, the acceptance rate for veterinary students is between 10 and 15 percent, but the addition of this cohort would increase the number of accepted applicants to veterinary programs.

“I applaud the great work that has been done by the leadership, faculty, and staff at SDSU in studying and proposing the RVME program. I’m thrilled to be a cheerleader of the program, and look forward to seeing it come to fruition,” Oedekoven said.
Q&A with Sen. John Thune on SD agriculture

ANDREW RASMUSSEN  
Reporter

Sen. John Thune visited South Dakota State University to discuss current issues and topics concerning the country. Sen. Thune shared a few thoughts with The Collegian about the future of agriculture for South Dakota and SDSU.

Q: Where do you see SDSU in terms of its standing in agriculture nationally?

A: SDSU has a great reputation everywhere you go, it is preparing students to go into different professions, many of which pertain directly to the profitability of agriculture. The research that gets done here is really important and we want to continue to support and provide funding for those types of programs and careers here. SDSU has a great reputation for preparing and equipping young people in a whole range of fields, many of which have a direct impact on our state’s number one industry. We want to continue that fine reputation and encourage it, and do everything we can to support that work.

Q: What do you see as the biggest problem facing South Dakota farmers?

A: Right now it’s just these chronic low prices and this sort of rut that we’re in. Inputs continue to go up. Prices stay down for a long time and so there’s no margin in agriculture right now. Probably, the biggest challenge going forward is how do we open up more markets to American agriculture and that means lowering tariff and non-tariff barriers with countries like Japan and China and other areas of Asia. There’s a tremendous demand for the things that we raise and grow and we just have to get access to those markets. So, it’s about opening markets and again I come back, not only about exports and trade, but it’s also value added agriculture, that’s ethanol, biodiesel, soybean processing, dairy all the things we can do to create jobs and economic activity as a result of the things we raise and grow here in the state.

Q: What legislation in needed to protect agriculture in South Dakota?

A: There is no substitute for a good price and farmers can make a living if they can get a return on their investment. Right now we have had low commodity prices for a long time. One of the ways that you insulate against a really down economy is with a good safety net program. In South Dakota for some time now we have had a good crop insurance program. That was a priority in this last farm bill, coupled with other safety net programs. Certainty on knowing what the rules are, making sure that farmers and lenders know that if they have a really bad year, that there is a floor under all of that, which is what crop insurance and other safety net programs do. Then it’s trade it’s opening more markets, its developing and creating new markets for renewable fuels, both biodiesel and ethanol. Using soybeans and corn extensively and any time you create more markets, create more demand, you raise the price and it makes agriculture more profitable.

Q: How do we fix the growing information gap between producers and consumers?

A: It’s always going to be a challenge because most people, when they think of the farm program, they think all of that money goes to the farmers. 80 percent of the money in the farm bill goes to the nutrition title in the farm bill, which is food stamps and different types of programs like that. Most of the support that we get in the house of representatives, for farm bills come from a lot of the larger states, who could care less about production agriculture but care about the nutrition title. We are constantly in an effort to educate members and help them understand the direct correlation between the things we do here in South Dakota and the supermarket where they buy their food. Sometimes that connection gets lost and we have to make every effort to continue to educate people on why agriculture is important even though they might not have a direct impact, they might not have a farmer or rancher in their family, or even know somebody in some parts of the country. We have a very successful and vibrant ag. economy in this country.

Q: A recent issue in South Dakota is if we should legalize industrial hemp, how do you feel about industrial hemp in South Dakota?

A: The federal farm bill this year did authorize hemp. Individual states are reacting to that now, trying to determine how they are going to proceed. The state of South Dakota is having that conversation right now. In terms of it being kind of accepted now the fact that it was included in this year’s farm bill settles that issue. How the states react in terms of the process they put in place. The concerns that have been voiced in the past, the similarities in terms of its properties make it hard for law enforcement to be able to distinguish and differentiate the two, and to enforce the law as far as marijuana is concerned. It seems like, to me, we are getting to a place where hemp, although it may look in some ways like marijuana, it has become more accepted and more mainstream and I suspect that is going to continue.
Netherlands native finds home at SDSU, plans for life-long career in dairy industry

EMMA ANDERSON  
Lifestyles Reporter

Flying over the Atlantic Ocean, Sanne de Bruijn and her family traveled from their home in the Netherlands to the United States in 2004 to pursue their love for dairy.

De Bruijn, a junior double majoring in dairy production and dairy manufacturing, moved around several times within the U.S. and eventually settled in Michigan, then she left for South Dakota for her higher education experience.

"I love everything about the dairy industry."

Sanne De Bruijn  
Junior Dairy Production and Manufacturing Majors

“My family originally had plans to start a dairy farm here in South Dakota, which is why I started looking into schools out here,” de Bruijn said.

However, different opportunities arose and the family ended up not moving and instead stayed in Michigan. Meanwhile, de Bruijn still had her sights set on South Dakota State University.

“I just really enjoyed the dairy science program here because I could do both dairy production and dairy manufacturing,” de Bruijn said. “Basically, I can learn about both the farm side and the processing side.”

Since coming to SDSU, de Bruijn has kept herself busy serving on multiple committees and participating in various agriculture-related organizations.

She is an ambassador for the College of Agriculture, Food and Environmental Sciences, the vice president for the SDSU Dairy Club, a member of the Dairy Products Judging Team, a South Dakota Dairy ambassador and she participates in Agriculture Future of America.

“Because of these organizations I have gotten to promote opportunities within the programs in the College of Agriculture here at SDSU,” de Bruijn said. “I’ve gotten to travel to area high schools in the Midwest and have talked to prospective students to try and recruit more agriculture students.”

She also helps with Junior Day and Senior Day on campus, as well as focusing on personal and professional growth within the dairy and food industry.

“I have also gotten to help plan educational events around the area, such as Campus-Wide Ag Day, where I put together a booth to teach kids and consumers more about dairy. We just try to get more connections within the industry and students,” de Bruijn said.

Her personal favorite is serving as a South Dakota Dairy Ambassador.

“I get to share what I love with everyone because of this position,” de Bruijn said. “I get to talk to everyone from the consumers to the farmers and just express what I love about dairy.”

While she has definitely taken on a passion for dairy and agriculture here in the United States through her studies and organizations at SDSU, de Bruijn also recognizes how vastly different those industries are compared to those in her birthplace.

“Because it is a very small country, the operations are also very small in the Netherlands. The climate is also different so feeding practices are not the same either,” she said. “Here in the U.S., everything is much bigger and there seems to be a lot more room for farming year-round.”

De Bruijn said unless a great opportunity arises, she probably would not move back to the Netherlands and wants to stay in the Midwest.

Her dream job is to someday own her own dairy farm, breed cows and then produce their own dairy products straight from the farm.

“I just love everything about the dairy industry. It seems really big, but it is actually a small tight-knit community,” de Bruijn said.
Experience at Dairy Bar, plant helps students learn

DANIELLE SONS
Lifestyles Reporter

Nestled behind Berg Agricultural Hall and next to Alfred Dairy Science Hall is the Davis Dairy Plant and Dairy Bar, where people tour, study and enjoy some of the many products that are made here on campus.

The South Dakota State University Dairy Bar makes many products like ice cream, cheese, butter and milk for students and community members to buy.

This couldn’t be possible though if there were not dedicated students behind the scenes making sure each dairy product is made into perfection.

According to the Dairy Bar, they started up in 1910 when it sold its first commercial ice cream. Over the years, it has evolved to the point where students started making their own dairy products.

In 1979, a major ice cream flavor made with Oreos was invented by dairy plant manager Shirley Seas and dairy science students Joe Leedom and Joe Van Treeck. The ice cream became a hit and is today called Cookies n’ Cream, which is one of the most popular flavors sold at the Dairy Bar.

Since then, Dairy Bar workers have repeatedly said they and their colleagues that work there have continued to make ice cream and other dairy products such as cheese, and that once a year butter is made as well.

The dairy plant and Dairy Bar support students both intellectually and financially as well.

Proceeds that come back from selling SDSU ice cream all over South Dakota come back to help students in majors regarding dairy as well.

One of the more experienced members at the Davis Dairy Plant explained how cheese is made and what kind of fun the students working there can get with the process.

“Besides ice cream we also make cheese. It starts as a white or yellow cheddar and then has flavor added to it. Then students can make a flavor of choice, and if it becomes a hit, we will continue to make it,” said senior dairy manufacturing and dairy production major, Laura Frye.

SDSU encourages innovation for every student worker at the plant, and they get to exercise their creative sides and take chances by inventing different flavors.

Essential hands-on experience is also something that the Davis Dairy Plant provides, as students will need the skills learned there to become successful in the dairy business in the future.

“The dairy plant has helped me with my future aspirations as it has taught me how a manufacturing plant works on a small scale,” said junior dairy manufacturing and dairy production major, Denver Stage.

In addition to critical experience and great opportunities, everyone who works at the Davis Dairy Plant, as well as the Dairy Bar, has to pay close attention to sanitation and cleanliness of the facilities.

“I currently assist in running the pasteurizer CIP (cleaning in place) wash cycles. This cleans all the pipes and tanks that are involved with pasteurizing ice cream mix which contains cream, sugar and flavoring. Cleaning and sanitation is a major importance with running a manufacturing facility,” Frye said.

There are certain days of the week for making different dairy products and for cleaning. On Mondays and Tuesdays, cheese is made, Wednesdays are when the ice cream mix is made and packaging for the ice cream is prepared. Thursdays the ice cream is packaged and on Fridays cleaning is done as well as an inventory of all the products on hand.

Filled with set temperatures and stages where certain ingredients can then be added, the ice cream procedure has to be followed exactly.

“The best part about working at the Davis Dairy Plant is the sense of independence you gain from learning how to safely manufacture products,” said senior production and agricultural communication major, Taylor Gilmore.

By continuing to train new generations of students, the Davis Dairy Plant provides them with expertise and valuable work experience.
AG-venture for students who study abroad

STEPHANIE NELSON
Reporter

As Julie Walker hands out and discusses the packing list for the New Zealand excursion the students will go on in a couple of months, the excitement and anticipation in the room grows.

Not only will students be hopping on a plane and flying 8,025 miles across the globe, but they will be off on a journey to do what they love — experience agriculture.

Every week, many students, especially those in the College of Agriculture, Food and Environmental Sciences, attend a weekly class that prepares them for a faculty-led study abroad adventure in the coming weeks or months.

Currently, students are preparing for study abroad trips that will venture to China, New Zealand and Australia. Over spring break, a class of 15 went to South Africa.

Despite these classes being for credit, nontraditional classes personalize the material for each student. Students aren’t only learning, but they are preparing for the possibilities that lie ahead.

Walker, who co-teaches the class preparing students for a trip to New Zealand, talked about the objective of the class for students.

“We try and give them a general perspective of what’s happened and what’s the history of that country so that they go semi-informed of what they might be seeing so that they can ask more in-depth questions when they get there,” Walker said.

Throughout the course, students cover various topics in the agricultural industry from dairy production to the growth of fruits and vegetables. Students also research and present on several topics throughout the semester. While this research is helping prepare students for the trip, senior agriculture and communication major Kaelyn Platz feels that it goes beyond the classroom and into her future.

“A lot of the content of the class is not only preparing me for the trip but also preparing me for a job after college,” Platz said.

All study abroad trips are unique in their own way, but on any trip, students get a chance to see what life in a different country looks like. Junior animal science and agricultural science double major Brittany Harazin experienced this firsthand.

“From this trip, I gained insight into the life of an Australian. I got a glimpse of what people who live in the city experience, as well as the people who live in the more rural areas,” Harazin said. “It was very interesting to see the way they may approach an issue and overcome it. It was fascinating to see how their agriculture operations work and vary from our own.”

Along with the educational experiences, students have the chance to observe a few of the sights that the country has to offer. For junior animal science major Collin VanderWal, that’s motivation to go on the study abroad trip.

“I’ve heard that New Zealand is just one of the most beautiful countries in the world, so I’m really looking forward to being able to witness that in person,” VanderWal said.

A 24-inch suitcase can only fit so many souvenirs, but a trip can fit so many memories that will last a lifetime. Studying abroad is an experience like no other, and for those passionate about agriculture, study abroad trips through the College of Agriculture, Food and Environmental Sciences can help grow that passion.

“Even if they come back and say they never want to go someplace again, they have a better clue that there are other places out in the world,” Walker said.
Paskewitz serves as Princess Kay of the Milky Way, hopes to inform others

**ABBY HOPP**

**Report**

Minnesota dairy farmers have a unique history which includes Princess Kay of the Milky Way, the official goodwill ambassador for the nearly 4,000 dairy farm families in Minnesota.

This year’s Princess Kay is Rebekkah Paskewitz, a junior agricultural education major. For her, the crown and title is a dream come true.

She began her reign during the 12 days of the 2018 Minnesota State Fair, where her coronation was celebrated with a 90-pound butter sculpture.

“Princess Kay is someone I’ve grown up watching,” Paskewitz said. “To be crowned is truly humbling and to think that I feel blessed. No matter the shape or size, I enjoy being able to represent the caring value farmers have for their animals, their environment and for us as dairy consumers.”

Paskewitz’s journey to Princess Kay started on her uncle’s dairy farm, growing up feeding calves and helping with chores.

She said before she knew it, she had grown to love the dairy community and quickly found a passion for sharing dairy farmers stories to everyone she met. “A dairy farmers job doesn’t end when the sun sets,” Paskewitz said. “Farmers have a large responsibility and I am glad I can share their story while they are hard at work.”

Since 2012, Paskewitz has been attending Todd County dairy farms as dairy royalty.

“My opportunity to serve as dairy royalty has allowed me to turn my experiences on the farm into conversations across the state,” she said.

Paskewitz was selected as one of the 12 Princess Kay of the Milky Way finalists at the Dairy Leadership and Promotion event in May. In addition to Paskewitz, two other Jackrabbits, Calissa Lubben, sophomore dairy production major, and Ashley Maus, sophomore dairy production major, also were named as finalists.

All finalists would agree that our experiences, education and support from South Dakota State University have better prepared us to be dairy leaders with and without a crown,” Paskewitz said.

In addition to Princess Kay, Paskewitz also serves SDSU holding various leadership roles on campus. In the College of Agriculture, Food and Environmental Sciences she is a part of the Prexy Council and an active member of Sigma Alpha and the Collegiate Farm Bureau.

What Princess Kay is not busy at SDSU, she travels back to Minnesota to attend school and visits communities across the state. Occasionally, Paskewitz makes the drive back home to Bronsonville, Minnesota.

“Being a Jackrabbit has prepared us to be dairy leaders another angle and expand my audience from which I serve,” she said.

“A dairy farmers job doesn’t end when the sun sets,” Paskewitz said. “Farmers have a large responsibility and I am glad I can share their story while they are hard at work.”

Since 2012, Paskewitz has been attending Todd County dairy farms as dairy royalty.

“My opportunity to serve as dairy royalty has allowed me to turn my experiences on the farm into conversations across the state,” she said.

Paskewitz was selected as one of the 12 Princess Kay of the Milky Way finalists at the Dairy Leadership and Promotion event in May. In addition to Paskewitz, two other Jackrabbits, Calissa Lubben, sophomore dairy production major, and Ashley Maus, sophomore dairy production major, also were named as finalists.

All finalists would agree that our experiences, education and support from South Dakota State University have better prepared us to be dairy leaders with and without a crown,” Paskewitz said.

In addition to Princess Kay, Paskewitz also serves SDSU holding various leadership roles on campus. In the College of Agriculture, Food and Environmental Sciences she is a part of the Prexy Council and an active member of Sigma Alpha and the Collegiate Farm Bureau.

“This year’s Princess Kay of the Milky Way during the 2018 Minnesota State Fair.”

To lease call 605-688-5148

**PET-FRIENDLY LIVING**

**NOW RENTING AUGUST 2019**

**HOME OF LITTLE INTERNATIONAL**

**TRISTIN FLEIHE**

**Report**

As the famous red Little International barn rises for another year, so does a new manager.

Little “I” is a 46-year-long tradition at South Dakota State University. From March 29 to 31, college and high school students take part in the largest student-run event exposition in the country and running the show is Tristin Fleihe, the 96th Little International Manager.

The senior agriculture business major is the backbone of Little International, serving as a bridge between the 170 staff members and the university.

Fleihe grew up on a hobby farm in Tulare, South Dakota raising 100 cows and 500 acres of corn and soybeans.

“I was involved in Little ‘I’ contests in high school, which is how I knew I wanted to be involved in it in college. I began by serving as the farm business management assistant superintendent his freshman year and superintendent his sophomore year,” Fleihe said.

Fleihe was then named assistant manager his junior year, which opened doors for him to serve as manager this year.

“During Little ‘I’ we bring together 1,700 FFA [Future Farmers of America] students from across the tri-state area plus 350 showmen and women from across campus,” Fleihe said. “It takes us above and beyond and eclipses all realms of agriculture at one event.”

The event is only a few days away and the staff is eager to put everything together and make the 96th annual Little “I” a reality. During the event, students have the opportunity to get involved in different things, broaden their horizons and promote agriculture.

“Every student involved comes from different backgrounds,” Fleihe said. “It is cool to see the multitude of people, highlights and talents of all of SDSU.”

Fleihe is grateful for the support and guidance he has received from Lora Berg and Keith Underwood, Joseph Cassidy, Mary Nold, John Killefer and SDSU President Barry Dunn.

“Little International is bigger than me,” Fleihe said. “It’s so cool seeing the hard work everyone has done come together.”

Little International’s main events are March 29 to 31, with mutton busting in the Animal Science Arena on campus. Admission to the events are free to all attendees. Events are like the Little “I” Olympics and the Dance in the Chips are happening before the shows to make Little “I” a week-long celebration.

For more information about Little International contact Fleihe, at 605-691-3925.
**YOUR GUIDE TO RECYCLING**

**RECYCLING**

- Dorm Rooms & Offices
- Academic Buildings
- Large Classrooms
- Outside

**TRASH**

- Union
- Residential Life Dumpsters
- Dumpsters

---

**RECYCLING**

- Land \- HDPE
- Paper/Board
- Copper/Copper

**TRASH**

- Food
- Coffee Cups
- Salad & Dressings

---

**NOTE:** some offices have paper recycling bins/dumpsters and cardboard dumpsters (not pictured above). If your office has these bins or dumpsters, only white paper can go into the paper bin/dumpster and only corrugated cardboard can go into the cardboard dumpster. If your office does not have either of these dumpsters the corrugated cardboard and white paper can go in the blue bins and dumpsters pictured above.

---

- **NOTICE:** some offices have paper recycling bins/dumpsters and cardboard dumpsters (not pictured above). If your office has these bins or dumpsters, only white paper can go into the paper bin/dumpster and only corrugated cardboard can go into the cardboard dumpster. If your office does not have either of these dumpsters the corrugated cardboard and white paper can go in the blue bins and dumpsters pictured above.

---

**SPECIAL SECTION**

- March 20, 2019
- sdsucollegian.com

---

**FARMING**

“It is common for children to follow in the career paths of their parents and choose the same university for their educational training,” Wright said. “Parents generally will send their children to their alma mater if they had a great student experience. It gives them confidence that their children will have the same or better educational experience.”

For sophomore horticulture major, Mary Nold, agriculture is a part of her life in a similar way. She said that her interest in agriculture came from growing up with it, but it has kept her interested through hands-on work outside.

“I am proud to be a part of an industry that is full of people who are willing to work so hard to serve others and receive little thanks,” Mary said.

Her mother, Rosie Nold, is an animal science assistant department head and associate professor who also attended SDSU. She is satisfied with Mary’s choosing of SDSU as her source of secondary education.

“I am happy to see that she’s here. In terms of an agriculturally focused school, SDSU has some of the best things to offer of any university in the region,” Rosie said. “It is nice to still have her close to home, but also to be on her own.”

The field of agriculture continues throughout many generations, leaving a lasting impact on the school and in the workforce.

“It’s really in my blood, to love farming and seeing all the hard work and the payoff is such a rewarding job,” Miller said.

---

(Left) Mitchell, Jeff, Beth and Sadie Vander Wal own a farm in Brentford, SD. Jeff and Beth are alumni of SDSU and Sadie is currently a freshman majoring in animal science and agriculture communications.
Student studies South African animal agriculture

MEGAN KELLEN
Columnist

When I came to SDSU, studying abroad was always in the back of my mind. Last fall, I attended the study abroad fair to learn about the options. During this fair, I learned a professor I previously took a course with, Michael Gonda, would be leading a spring break trip to South Africa through the College of Agriculture, Food and Environmental Sciences. I talked to him about what this trip would cover and realized it was definitely something I was interested in.

I decided to go to South Africa because I was interested in the animal agriculture there. It’s not a typical spring break location and a week abroad sounded like a good amount of time.

The week in South Africa arrived sooner than I thought it would after meeting in class every week and learning about the different aspects of agriculture in South Africa.

We flew out of Sioux Falls the Friday before spring break. Then after another 16 hours on a plane from Atlanta, we landed in Johannesburg South Africa Saturday afternoon, South African Standard Time. The next week was full of many adventures.

A few of our stops included the Ann Van Dyk Cheetah Center, Trekpad Safari, various farms, the Apartheid Museum, Pilanesberg National Park and Game Reserve.

The Trekpad Safari was a highlight for many students. We were able to help the Trekpad Safari staff dart and move some of their wild game. The staff moves their males around in order to prevent some of their wild game. The staff moves their males around in order to prevent

estling to see how Trekpad is able to raise cattle in the mountains on terrain much steeper than the plains of the Midwest.

Another highlight of our trip was the Pilanesberg National Park. During this visit, our group saw zebras, giraffes, wildebeests, warthogs, impalas, elephants and more.

After a week of learning about agriculture, it was a nice change of pace to learn about the wildlife of South Africa. Our week came to an end much sooner than any of us wanted it to, and we arrived back in Sioux Falls just before midnight Sunday, March 10.

Throughout the week, I learned a lot about agriculture in South Africa. We visited different producers, some who have been established as producers for some time and others who are just starting in agriculture.

One of the most interesting parts of the trip was learning about how these producers started out. Some of them recently had full time jobs in the city and decided to switch careers and raise livestock. As we visited with different producers, something kept sticking out to me.

I realized that after I graduate with a bachelor’s degree in animal science, I will still have so much to learn about animal agriculture here in the United States and globally.

For instance, if there are practices that have worked for us, that doesn’t mean they will work everywhere. As someone planning to be involved with agriculture in the future, it is important to respect and understand the different cultures around the world.

I am super grateful for my South African experience and the lessons I learned from it.

Megan Kellen, junior animal science major, went to South Africa during her spring break with the College of Agriculture, Food and Environmental Sciences. The trip taught 15 students and two faculty members about South African agriculture.
RecycleMania continues, process explained

Jennifer McLaughlin
Columnist

Last month in The Collegian, I introduced SDSU’s ninth year participating in RecycleMania by covering the basics of what can be recycled—paper, plastic and cans—and where to recycle (look for blue bins and dumpsters). As we enter the second month of RecycleMania, a nationwide recycling competition between universities that works to reduce waste and increase recycling, let’s look at what happens to recycling once it is placed in the appropriate recycling container.

In academic buildings, facility workers empty the hallway and office recycling bins on a regular basis, transferring the recycling from the indoor bins to the recycling dumpsters outside. In the dorms, students are responsible for bringing their recycling bin contents to the blue-doored recycling dumpsters.

Next, Brookings Dumpster Service empties the dumpsters and drives the material to Millennium Recycling Inc. in Sioux Falls. Known as a material recovery facility, Millennium Recycling sorts, bales and ships recyclable material to companies to be made into new products.

What recycled products are made into varies quite a bit, but some common uses for plastics include outdoor deck lumber, sleeping bag insulation and new bottles. Paper is often converted into sheetrock and paper towels. Aluminum cans are melted down and reused for new aluminum cans, bike parts or appliances.

Sounds simple enough, right? It is; however, we as people who put items in the recycling bins and dumpsters play a massive role in keeping the collection process simple.

Throughout the process, the bins and dumpsters are being checked to make sure they do not have too many contaminants, another word for trash in the recycling bin. If a bag, dumpster or truckload has an excessive amount of trash mixed in with the recycling, the entire collection will be dropped at the landfill instead of being processed and made into new material. Not only does this take extra time and cost more, but it also incurs the environmental impact of those materials sitting in the landfill instead of being remade into new material.

As you can see, the recycling process starts with each person placing only recyclables in the recycling bins. This helps ensure the quality of the content being made into new material is as good as it can be. For guidance on recycling, check out SDSU’s recycling guide atsdstate.edu/sustainability/recycling-guide.

SDSU is competing in RecycleMania Feb. 3 through March 30.

Jennifer McLaughlin is the sustainability specialist and can be reached at jennifer.mclaughlin@sdstate.edu.

---

weekend stuff.
get to know a good thing.

22 Friday Night Flicks Flow: For the Love of Water
7pm Union Market

23 SDSU Wacipi An SDSU tradition!
Grand Entry 1pm Union Volstorff Ballroom

29 Cereal Dough Bingo Play bingo, win cereal!
8pm Union Market
Relay for Life Give cancer the boot!
More info at facebook.com/SDStateCAC

30 UPC Earth Hour Sustainability!
More info at facebook.com/sdsupc
96th Little I A tradition at State!
More info at sdsulittleinternational.com

https://www.facebook.com/weekendstuff

LIVE MUSIC MONDAYS
AT THE PHEASANT RESTAURANT
6:30 - 9:30 P.M.

MARCH
25 SDSU Jazz Postponed to 4/27/19

APRIL
1 “Jazzed” with Bobby Gripp
8 Dakota Jazz Collective
15 Johnson - McKinney Quintet
22 Chris Champion
27 (Sat) Jazz Brunch 9-11:30 a.m. with SDSU Jazz Bands!
29 Latin Quarter

MAY
6 Dakota Jazz Collective

(605) 692-4723
726 Main Ave. S. Brookings
Everyone can agree that hemp can be used for body oil, lotions, candles, paint, clothing, biodegradable plastic, paper, construction materials, and biodiesel fuel. Because of this, cultivating hemp can bring in a ton of profit to farmers nationwide.

The bill’s sponsor, Oren Lesmeister, D-Parade, said our Founding Fathers first required farmers grow hemp.

Regardless of its numerous uses, Gov. Kristi Noem vetoed House Bill 1191 on March 11. The next day, Senate attempted to override her veto, but the legislation failed by four votes.

The bill initially passed in both the House and Senate by an overwhelming majority. Only two representatives voted against the bill in the House and only 14 senators voted against it in the Senate.

Gov. Noem justified her veto with claims that normalizing hemp would make legalizing marijuana inevitable in South Dakota, and would make law enforcement’s job more difficult.

Hemp and marijuana are two different things. According to an article on medium.com, hemp and marijuana look identical to the untrained eye, but with a little education about what to look for, they have very distinct features that distinguish them from one another.

Gov. Noem’s argument that police aren’t ready to take on extra training is a lazy excuse not to support the industrial hemp bill, but it’s a valid one. In Idaho, a man named Denis Palamarchuck was stopped and detained for transporting more than 6,000 pounds of hemp. He was kept in jail for four days but was released after posting a $100,000 bail.

This could have been avoided if Palamarchuck had been carrying a transporter license, something that is mandatory in Kentucky.

Regardless of the fact that police can be trained to distinguish between the plants, Gov. Noem doesn’t place much trust in South Dakota’s law enforcement — and that’s why she continues to fight against a bill that many farmers and South Dakota residents wanted.

We, at The Collegian, believe Gov. Noem is disregarding her constituents’ desires and holding back agricultural innovation in South Dakota.

Agricultural success is a huge part of South Dakota’s economy, and it’s a huge part of South Dakota State University’s curriculum. Our university just invested in a Precision Agriculture building, a progressive approach to agricultural education. South Dakota’s governor, however, is not making strides toward progressive agriculture.

Ironic, since agriculture is South Dakota’s largest and most profitable industry — generating more than 20 percent of the state’s economic activity and employing more than 80 thousand South Dakotans.

The National Conference of State Legislatures reported that at least 41 states have hemp growing and production programs in place, and South Dakota farmers wanted to be added to that list.

“We don’t have to be last all the time,” said Sen. Troy Heinert, D-Mission, before the vote.

The fact of the matter is South Dakota’s law enforcement — and South Dakota farmers wanted to be added to that list.

The Collegian Editorial Board meets weekly and agrees on the issue of the editorial. The editorial represents the opinion of The Collegian.

**SUDOKU**

To solve the Sudoku puzzle, each row, column and box must contain the numbers 1 to 9.

```
 4 1 9
5 3 7
2 6 8
7 1 2
9 5 4
```

©2019 PuzzleJunction.com

Contact sdsuadvertising@gmail.com to sponsor this puzzle!
What to watch for: South Dakota State takes on Quinnipiac

LANDON DIERKS
Sports Reporter

The 2019 NCAA Tournament journey begins for the South Dakota State women’s basketball team Saturday morning in Syracuse, New York.

SDSU’s 26-6 campaign was rewarded with the 6-seed in the Portland region (a program-best seed in the Big Dance), that will pit them against the 11-seed Quinnipiac University Bobcats, who are riding a 21-game win streak. The Bobcats also finished the regular season with a 26-6 record.

This season, Quinnipiac went 18-0 in conference play and won the Metro Atlantic Athletic Conference (MAAC) tournament to earn an automatic bid into the NCAA Tournament field — a place where the Bobcats are no strangers.

Just two seasons ago, Quinnipiac advanced to the Sweet 16 as a 12-seed before falling to eventual national champion South Carolina — proof of the Bobcats’ ability to survive and advance on March’s biggest stage.

Here are four things to look for in Saturday’s matchup:

Offense Versus Defense
Quinnipiac boasts the second-best scoring defense in the country, a team allowing 50.5 points per game. Their defense will be put to the test against South Dakota State’s top-15 scoring offense that averages 80 points per game on better than 48 percent shooting.

The Bobcats’ offense (65.3 points per game) could fare against the Jackrabbit defense (62.5 points allowed per game).

If the Bobcats can keep the score low and slow the pace of play, it increases their chances to upset the Jacks. If SDSU can speed up the game and turn it into a high-scoring affair, the Jacks should move on.

Star Power
SDSU seniors Macy Miller and Madison Guebert have performed well when the team needs them most throughout their careers, so fans should expect nothing less in what could be their final game in a Jackrabbit uniform.

Quinnipiac has two double-digit scorers of its own in seniors Jen Fay, who won the MAAC tournament MVP, and Aryn McClure, but their offensive output doesn’t match the same level as the Jackrabbit backcourt duo.

Read the full story on sdsucollegian.com.
Five things to know as Jacks head into conference

CARSON HERBERT
Sports Reporter

Before the South Dakota State baseball team gets any further into Summit League play, here are five things to know about the team.

Freshmen surge
After being a home run shy of the cycle in his first career game as a Jackrabbit, third-baseman Luke Ira has been one of the bright spots in the Jackrabbits’ lineup. Ira is currently batting .282, has a slugging percentage of .423 and has driven in 10 runs in 78 at-bats.

Nic McCay has become a breakout starter on the mound for the Jackrabbits. The Carlisle, Iowa native has started five games, most recently earning the win against Western Illinois, March 17. McCay went 7 innings, allowed four earned runs and struck out 10 batters in an 7-4 win.

Reliable Relievers
South Dakota State’s bullpen is led by sophomores Bret Barnett and Cody Carlson. Barnett has given up one run in 11.2 innings for a 0.77 ERA. Carlson is currently batting .282, has a slugging percentage of .423 and has driven in 10 runs in 78 at-bats.

Nic McCay has become a breakout starter on the mound for the Jackrabbits. The Carlisle, Iowa native has started five games, most recently earning the win against Western Illinois, March 17. McCay went 7 innings, allowed four earned runs and struck out 10 batters in an 7-4 win.

Look at Summit League
Omaha currently sits on top of the league with an 11-5-1 record and will go into conference play winning four straight games.

Oral Roberts occupies second-place in the Summit League with a 9-8 record and leads the league in runs scored.

The Jacks find themselves in third-place with 32 games left to play.

The bottom half of the league consists of Western Illinois (5-12), Purdue Fort Wayne (4-14) and North Dakota State (2-11). After a 4-0 start to the season, Purdue Fort Wayne has lost 10 consecutive games.

Trouble staying consistent
The Jackrabbits are below .500 and have won notable games against Missouri and Central Arkansas while nearly knocking off Alabama, but the longest winning streak the team has had is two. The offense hit 10 home runs in the first six games of the season, but haven’t hit a home run in nine games.

Hot bats and clutch hits
A total of 96 runs have been driven in by Jackrabbit hitters with sophomore infielder Gus Steiger, senior outfielder Logan Holtz and junior infielder Braeden Brown all ranking in the top seven in the conference.

No Jackrabbit has seen the ball at the plate better than Holtz. The cleanup hitter in the lineup, is hitting .317 for the sixth-best batting average in the league.

Last year’s team batting champion Steiger is riding a seven-game hitting streak. After a slow start to the season, Steiger has heated up and is batting .322, which puts him fifth in the Summit League.
NATALIE HILDEN
Sports Reporter

The Midwest winter has been an adjustment for the South Dakota State women’s soccer team and its original spring schedule.

An early February doubleheader before spring break, against St. Cloud State and Southwest Minnesota State University, was canceled and turned into an intrasquad scrimmage after the team’s opponents couldn’t travel due to inclement weather.

Head coach Brock Thompson said his team is “blessed” to have facilities like the Sanford Jackrabbit Athletic Complex (SJAC). Despite this, his team is ready to play a game outside.

“Our players work really hard in the months of January and February so it is nice to reward them with games before spring break, but the blizzard wiped those out,” Thompson said. “We are just excited to play.”

The Jacks will get their chance as they take on Creighton University March 23 in Omaha, Nebraska.

“Creighton is always a good match for us,” midfielder Carina McLennan said. Last time the Jacks took on Creighton they fell 1-0. An early goal by Bluejay senior Kaira Houser allowed them to hold on to both the lead and the momentum throughout the game.

SDSU held strong in the 90 minutes, keeping up a good rhythm, but were unable to gain the equalizing goal. Each team put up 13 shots while Marisa Schulz, Karlee Manding, Annie Williams, Bianca Madonia and Allie Zueger all put up two shots a piece for the Jackrabbits.

Maggie Smither played the entire game in the goal for the Jacks and picked up six saves.

Thompson said his team will go into the game with the “play to win attitude” but their plan goes a little deeper during the spring season.

SDSU will play its entire roster during Saturday’s game so it can fine tune the formation on the field and style of play to match the incoming group of players.

The Jacks are returning this season with a lot of experience in the midfield and on their front line.

The spring season signals new beginnings: Internship. Graduation. Professional or graduate school. First entry-level job. Whatever your path looks like, Career Development’s Spring Workshop Series will give you the tools you need to succeed. Spring Semester is here. It’s time to get it in gear.

Get LinkedIn: Leverage Your Personal Brand to Find Jobs and Internships
Tuesday, March 26
3 to 4 PM • Union Pioneer Room 265

Wednesday, March 27
3 to 4 PM • Union Lewis Room 262A

Are you linked in? If not, you may be missing out on a key tool for your career success. Eighty percent of available jobs are not advertised! Learn how to access the “hidden job market” through strategic communication with professionals on LinkedIn.

Interview with Confidence
Tuesday, April 2
3 to 4 PM • Union Pioneer Room 265

Wednesday, April 3
3 to 4 PM • Union Lewis Room 262A

Does the thought of an interview make you anxious? We can remedy that! Learn what to do before, during and after the interview and how to answer common questions. Preparation breeds confidence, and confidence breeds success!

Curriculum Vitas: What Are They? How Do They Differ from Resumes?
Tuesday, April 9
3 to 4 PM • Union Pioneer Room 265

Wednesday, April 10
3 to 4 PM • Union Lewis Room 262A

Resumes and Curriculum Vitas (CVs) are both documents that are used to apply for a job. However, their purpose, content and audience are not the same. Learn what a CV is, how it differs from a resume, key elements to include, and when it is appropriate to use.

Evaluate and Negotiate Job Offers and Learn Entry-Level Job Success Strategies
Tuesday, April 16
3 to 4 PM • Union Pioneer Room 265

Wednesday, April 17
3 to 4 PM • Union Lewis Room 262A

With graduation on the horizon, you may be tempted to immediately accept the first job offer you receive. Smart graduates don’t sell themselves short. There is almost always room for negotiating the offered compensation package. Learn how to evaluate job offers and negotiate salary and benefits. Also, learn tips to ensure a smooth transition from college classroom to company cubicle.

BROOKINGS ADULT SOFTBALL LEAGUE

UMPires WANTED

The Brookings Softball Association is looking for 2019 summer season softball umpires. Umpires will officiate Men’s, Women’s and Coed Leagues.

• Flexible schedule.
• League nights are Mondays, Tuesdays, Wednesdays and Thursdays. Season begins early May and runs through September.
• Can earn $17-$19 per game. Opportunity to umpire up to four games per night.
• No need to be USA Sanctioned-training is available.

For more information, or to sign-up, go to www.btownball.com, message our Facebook page - Brookings Softball Association - or contact Brandon Tekrony at 720.253.4189.