



The Bridle Bit

Department of Animal and Range Sciences

Fall 2020



A Word From the Department Head

Hello from Aggieland!!! Well it has been a year since our last Bridle Bit and wow what a year it has been. In spite of or maybe due to COVID-19, our Fall 2020 enrollment numbers were strong with a 5% increase in enrollment of first-time students and 90% of our students returning that had been previously enrolled. These are such exciting numbers and a real testament to our faculty that continue to always put our students first. We are also seeing very high placement rates for our students whether they join the workforce in their chosen career or continue their education beyond their bachelors' degree. The Fall semester has looked and felt very different from a typical year, but we have all done our best to ensure our students had the best experience possible. We did offer some courses face to face as we felt this was the best option for our students. As we move to the Spring semester we are operating under similar circumstances and our course delivery will be a mix of face to face and virtual.

COVID-19 has also had an impact on our research enterprise and our faculty and students have been very creative to research projects keep moving forward. Some of our range science students even set up greenhouses at their homes to save their research when the Las Cruces campus was closed! It is that type of dedication that we have seen over and over from our students and faculty that make our department a great place to work.

Although the pandemic has created challenges, we are still working and pushing forward. We are currently deep in the design and planning of the first phase of the Agriculture Modernization project that was funded by the 2018 GO Bond and should break ground on the new facilities in February 2021. The voters of New Mexico supported the 2020 Go Bond this month and that means the second phase of the Agriculture Modernization project will be funded as well. The GO Bond funds for both phases is approximately \$43 million. We are so thankful to our supporters and these new facilities will mean a great deal to all involved with our programs. We are doing our best to be responsible stewards of these funds while designing state of the art facilities that our students deserve.

As we look forward to our very bright future, we can't help but be excited, our faculty, staff, and students have proven to be very dedicated and resilient during this past year. We are reviving the equestrian team as an IHSA club that will hopefully begin competing Spring, 2021. We still have areas that need attention such as reviving our student competition teams. I am working closely with administration in the college to get our judging coach position back in the department and I will keep you updated.

Contact Information

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BE BOLD. Shape the Future. New Mexico State University

2020 NMSU Department of Animal and Range Sciences Distinguished Alumni

Dr. Nathaniel Roybal



Nathaniel Roybal is a native New Mexican growing up in Mora and graduating from Mosquero High School. He then attended NMSU where he studied Animal Science. He was active in research in Dr. Dean Hawkins lab in reproductive physiology. He was also an ACES College Ambassador and was the outstanding graduating senior in 2000. Dr. Roybal was the first to complete a combined MD and PhD at the University of New Mexico. His PhD studies provided novel insights into mechanisms upregulating angiogenesis in diabetes and age-related macular degeneration. He completed a post-doctoral fellowship and ophthalmology residency at the UCLA Stein Eye Institute. His post-doctoral studies focused on gene and stem cell therapies for age-related macular degeneration and retinitis pigmentosa. He completed a vitreoretinal fellowship at the University of Iowa where he published several papers that pioneered the use of proteomics for the diagnosis and treatment of retinal diseases. Doctor Roybal uses vitreoretinal surgery and medical treatments to restore and prevent vision loss. He co-leads the Vision Research Center and works with pharma to bring clinical research and novel treatments of retinal diseases to his New Mexico patients. Dr. Roybal credits NMSU with giving him a strong educational foundation and the confidence necessary to achieve success beyond his wildest dreams. He hopes to continue to promote the NMSU education mission by contributing to scholarships for NMSU students.

2020 College of ACES Distinguished Alumni

Dr. Klaus Wiemer

Leading American embryologist, Dr. Klaus Wiemer takes delight not only in the science of his work, but also in helping people become parents. Klaus has a Master's degree in Reproductive Physiology from the College of ACES at NMSU and a Ph.D. from LSU. In Kirkland, WA, Dr. Wiemer is currently the Scientific Director and Co-Owner of Poma Fertility and formerly the Scientific Director and Managing Partner of Northwest Center for Reproductive Sciences, LLC. Klaus has many years of experience and leadership in the industry. Poma Fertility is renowned for their top success rates and clinical excellence. Dr. Wiemer's clinic, while affordable, has produced some of the first array-CGH pregnancies in the world. Always willing to share his knowledge with others in the industry, Klaus has a consulting company called KEW Technology and is the Scientific Advisor for Embryotools. As an external consultant of Gravida (IVF Center in Barcelona, Spain), Klaus was selected to deliver a seminar intended to refresh the knowledge of medical professionals. He continues as a frequent speaker at professional meetings in the U.S. and internationally and has published over 80 peer-reviewed articles and book chapters on a wide range of topics in clinical embryology. Among the many awards Klaus has earned in his practice are the LIFE award for Laboratory Innovations in Fertility and Embryology; Overall Grand Prize awarded by the American Society for Reproductive Medicine; and Embryologist of the Month by the American College of Embryology and International Organization of Scientists. Additionally, Dr. Wiemer is one of the first embryologists in the U.S. to achieve pregnancies with human blastocysts. Klaus is dedicated to mentoring generations to come at NMSU, as well as being a significant contributor to the Department of Animal Sciences. His future plan is to support and help establish an Advanced Reproductive Technologies Lab in the College of ACES at NMSU. Klaus is married to Linda Wiemer and they have four boys and a daughter: Dylan, Christian, James, Baxter and Lauren.



Equestrian Makes a Comeback

The Animal and Range Science department is excited to announce the return of an Equestrian team to NMSU. Starting spring of 2021 our students will be able to join competitions within the Intercollegiate Horse Show Association (IHSA). The IHSA is dedicated to promote sportsmanship, horsemanship, and academic excellence. This association has been around for 53 years. Currently, there are 40 regions in 8 zones with over 400 member colleges that cover 45 states and Canada representing 10,000 members in Hunter Seat and Western disciplines.

NMSU has a long history of successful equestrian teams including National Champion IHSA teams in 1995 and 1998, as well as Reserve National Champion team in 1997. The team transitioned to the NCAA division I format in 2004, that operated under the direction of the National Collegiate Equestrian Association (NCEA). The team continued with success in and out of the arena, finishing 3rd nationally in 2007 and winning a Conference Championship in 2016, with countless other major wins against big NCAA division I schools.

Unfortunately, due to state budget cuts across the NMSU system in 2016 the Athletics department made the tough decision to cut the equestrian team. Despite student efforts to fundraise, the NCAA equestrian team format was not sustainable for NMSU.

The Animal and Range Science department believes the club equestrian team format offered by the IHSA will provide our students with a sustainable program for equestrian competitions. Students will practice on our university owned riding horses and be responsible for paying many of their own show expenses and travel. Students have started a “Make a Statement” campaign to help with initial program funding and expenses. Donor funds will go towards paying team membership fees, travel, student membership fees, uniforms, horse care, and equipment.

The revitalized club IHSA equestrian team will increase student involvement, foster inclusivity, broaden our department team-based competition opportunities, and increase student recruiting.

Please help support the NMSU IHSA Equestrian team this Giving Tuesday!



Future team members: (A) Cheyenne Maese (Senior in Animal Science, Reporter for Horsemen’s) & Camel with Siena Mower (Senior in Animal Science, President for Horsemen’s) & Frankie
(B) Jessica Brooks (Junior in Animal Science, Treasurer for Horsemen’s) & Sweets

Awards Around the Department

John Campbell Recognized for Teaching

Congratulations to Dr. Campbell. He was the recipient of the Donald C. Roush Teaching Award. The Roush award recognize NMSU faculty for their teaching excellence and is the highest honor at NMSU. He also received the Western Section of the American Society of Animal Science Distinguished Teacher Award. Dr. Campbell has taught in the animal science department for 8+ years. He currently teaches ANSC 100+ lab, 200+ lab, 220, 301, 303, 351V, and 424.

Born and raised in West Texas with family agricultural ties to Quarter Horses, Sheep and goats. He was a very active 4-H member in Pecos County participating in all kinds of projects. He graduated from Fort Stockton High in 1977. He attended Texas A&M University and received his BS degree in 1981 and MS in 1983 both in Animal Science. While at TAMU he judged on the wool and livestock teams and coached the wool team while working on his MS. He worked for Purina Mills after graduation in Southeast Texas. In 1990, he began his Ph.D. studies in Reproductive Physiology. After completion of his degree in December of 1992, he accepted a Post Doc appointment at Massey University in Palmerston North New Zealand. Upon successful completion of his Post Doc he returned to Las Cruces. He worked for the Coulston Foundation in Alamogordo with the great apes and then took a job as Study Director for Southwest Bio Labs in Las Cruces. He joined his wife's successful Physical Therapy practice in 2001 as the Business Manager and remained there until January of 2009 when he joined the Animal and Range Science Department as the Judging Team Coordinator and Instructor. He is currently an Associate College Professor who primarily teaches lower level Animal Science course along with swine production. He has been active in NMSU Faculty Senate representing the Non-Tenure Track Faculty for six years, serves on several University, College and Departmental committees, is a Faculty Fellow for student housing and looks forward to taking students on study abroad trips each year.



Awards Around the Department

College of ACES Award Winners

Distinguished Teaching – Dr. Amy Ganguli

As an educator Dr. Ganguli's goals are to provide knowledge, insight, and direction in an approach that promotes positive and relevant learning opportunities for students. She works to create a learner-centered environment, in which students are encouraged to be active participants and contributors to the learning process. She does her best to regard each student as an individual and cultivate their critical thinking ability.



Mobley Family Endowed Research Award – Dr. Ryan Ashley

Dr. Ryan Ashley is an associate professor of Animal and Range Sciences. He is a reproductive physiologist and his research emphasis focuses on exploring placental development, and ways of preventing placental dysfunction, which can harm both humans and livestock. Dr. Ashley works with determining the role of the progesterone receptor commonly seen in the development of cancerous breast tumors, as placental development actually shares several similarities with how a tumor forms. Ashley's research aims to help women experience successful pregnancies. In order to thoroughly study placenta development in humans, biomedical researchers have often turned to animals as models. Ashley is relying on sheep, which experience a similar placental development to humans. Because Ashley uses animals in his research as a model to study human pregnancy, Ashley can also explore ways of helping livestock carry out successful pregnancies as well, and also help avoid future health problems in both humans and animals.



Distinguished Professional Staff Award Off Campus – Mr. Andrew Cox

Andrew manages the Chihuahuan Desert Rangeland Research Center (CDRRC). His background and experience in ranching operations is a tremendous asset to the CDRRC. He has taken great pride in the Center and has worked tirelessly to improve its appearance and increase its visibility to the public. Andrew is considered a progressive "out of the box" thinker and enthusiastically supports research projects that introduce new ideas and technologies for managing arid rangelands. His "can do" attitude has had a huge impact on the productivity of the CDRRC.



Awards Around the Department

University Research Council Early Career Research Award

Akasha Faist was hired in 2017 as an assistant professor in range science as a rangeland and restoration ecologist. She obtained her PhD in Ecology and Evolutionary Biology from University of Colorado. She is currently teaching courses in rangeland restoration and vegetation measurements at the undergraduate and graduate level. Her research program has the overarching goal to identify mechanisms for aiding in grassland recruitment using novel restoration strategies as well as understanding and enhancing plant-soil feedbacks. Through a variety of field and greenhouse-based projects, these efforts are geared toward creating best rangeland restoration management practices as well as augmenting basic ecology through understanding how land use and chronic aridity can alter ecological states. She also has projects in native seed restoration and research to identify mechanisms for aiding in grassland recruitment using novel restoration strategies as well as understanding and enhancing plant-soil feedbacks.



Society for Range Management (SRM) Achievement Award

Dr. Andres Cibils from the Animal and Range Science Department here at NMSU received an Outstanding Achievement Award for Research/Academia at the Society for Range Management's (SRM) 73rd Annual Meeting, Technical Training, and Trade Show in Denver, Colorado, February 16-20 of 2020. The Outstanding Achievement Award is presented by the Society for Range Management for outstanding achievement to members and other qualified individuals and groups working with rangelands.



The 2020 American Society of Animal Science – Canadian Society of Animal Science – Western Section of the American Society of Animal Science (ASAS-CSAS-WSASAS) Annual Meeting and Trade Show was held virtually this year in July. Fifty-six doctoral, master, and undergraduate students competed in oral and poster competitions. **Kathryn Smith** placed 3rd in PhD Graduate Student Poster Competition with her poster titled "Relationship between liver abscess microbiome of feedlot cattle and soil organic matter microbiome isolated from feedlot pens". Her research was funded by the Texas Cattle Feeders Association.



Sara Gurule, placed 1st (University Category) on her presentation at the Alliance for Minority Participation (AMP). Her poster title was Evaluation of Direct Tri-Axial Accelerometer Metrics in Detecting Parturition in Sheep in an Intensive Setting.

GO Bond Phase I and II

In 2018, the voters of NM supported GO Bond D which included \$25 million for the Agriculture Modernization and Educational Facilities Phase I. We are deep into the design of the Phase I facilities and hope to break ground in February, 2021. I know what you are thinking...why does it take so long? We often wonder this as well but we are working hard to make sure the facilities meet the needs to our faculty, staff, students, and stakeholders and that we are getting most for our funds.



FOOD SCIENCE, SECURITY, AND SAFETY FACILITY



ANIMAL NUTRITION AND FEED MANUFACTURING FACILITY



BIOMEDICAL RESEARCH CENTER

Phase II was approved in November 2020 and includes the items in the picture below highlighted in blue.



- Phase I
- Phase II

- 1 Food Science, Security, and Safety Facility**
- 2 Biomedical Research Center**
- 3 Animal Nutrition and Feed Manufacturing Facility**
- 4 Center for Student Learning & Public Outreach**
- 5 Comparative Animal Physiology and Metabolism**
- 6 Watershed and Range Ecology**

If you would like more information on the GO Bond projects or would like to contribute to the project there are opportunities to donate needed equipment and name buildings or spaces within the faculties. Please contact Dr. Shanna Ivey (sivey@nmsu.edu) for more information.

Sustainable Southwest Beef Project

NMSU's College of Agricultural, Consumer and Environmental Sciences received an \$8.9 million grant from the National Institute of Food and Agriculture to study ways to improve the sustainability of beef production in the Southwest.

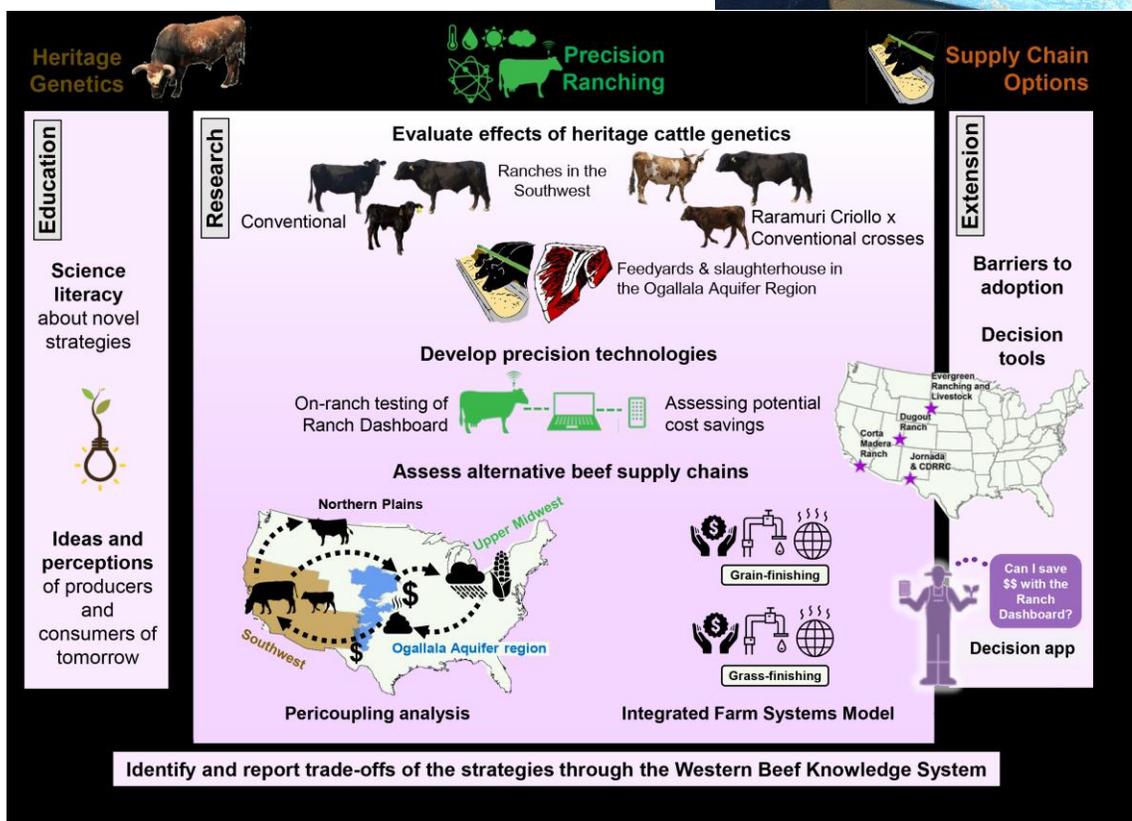
Andrés Cibils, project director and professor of rangeland science in the Department of Animal and Range Sciences, explained the grant will allow their team of ranchers, researchers, educators and Cooperative Extension Service specialists to evaluate three strategies: heritage cattle genetics, precision ranching and novel options for marketing Southwest beef.

The group will compare heritage versus conventional desert-adapted cattle in terms of profitability, productivity, ecosystem effects, feed yard performance and carcass and meat quality.

The NIFA grant will support this area of research for the next five years and involve upwards of 50 people from 12 institutions working together, including five cattle ranches located in New Mexico, Utah, California, and South Dakota. The team will build on previous research on Criollo cattle and precision livestock grazing tools, as well as results of related research.

More information regarding this project can be found at <https://southwestbeef.org/>. Follow this project on social media using these links:

Facebook: SustainableSWbeef Twitter: SustainSWBeef



Range Science Professors Retire



It is the end of an era in our range science program with the retirement of two well-known range science professors, Drs. Andres Cibils and Jerry Holechek. Dr. Holechek retired in February and has continued to complete manuscripts and on going research. He has emeritus status in the department. Dr. Holechek is well known through out the world and has been in this department since 1979. During this time he has written a textbook now in its 6th edition that is considered the textbook on Range Management worldwide. He has also written many high impact referred journal articles and has just completed a 30-year grazing study on the Chihuahuan Desert Rangeland Research Center that is considered a cornerstone in range management studies. During his time at NMSU, Jerry taught undergraduate and graduate courses, mentored graduate students and conducted research in many countries.



Dr. Cibils is well known for his compassionate demeanor and investigatory prowess of critical rangeland issues. During his tenure of sixteen years at New Mexico State University, Dr. Cibils has established research exploring the application of ecological theory to improve rangeland-based livestock production systems, livestock-ecosystem interactions, use of telemetry, geographic information system mapping, and remote sensing tools to understand grazing patterns of livestock on large rangeland landscapes at various spatiotemporal scales to inform adaptive grazing management decisions on arid lands. Another focus of Cibils' research involves studying the role of livestock in supporting livelihoods of smallholder agropastoralists in West Africa and New Mexico. He built an impressive institution within his laboratory and sets an example for productivity, instruction, and acknowledgement. Over this time, Cibils has supported 18 graduate students and co-authored over 130 scholarly texts including refereed journal articles, book chapters, and conference proceedings. Andrés is well known for developing unique research tools and models for preserving rangelands and investigating livestock breeds that may be better adapted to harsh environments, many methodologies of which have been adopted for use by agencies and producers. Because of his accomplishments and large network of international research collaborations, Dr. Cibils has been invited to speak in diverse countries across five continents.

Spotlights



Glenn Duff is currently serving as the President of the American of Animal Science. Glenn is the superintendent of the Clayton Livestock Research Center in Clayton, New Mexico.

NMSU Heritage Wool Project

The wool sheep and wool as a commodity has a long history in New Mexico. In fact, the largest wool warehouse in the country is located in Roswell, NM. In an effort to keep NM connected and contributing to the Sheep and Wool Industry, a collaboration between the Departments of the Animal and Range Sciences and Fashion Merchandising and Design has been established. This endeavor is providing opportunities that allow NMSU students to be exposed and participate in development of projects related to the wool industry.

Dr. Jennifer Hernandez Gifford oversees a flock of research Rambouillet wool sheep, at the West Sheep Unit, that trains students in both research and sheep production. Each year wool is sheared from this flock; and this year Dr. Hernandez Gifford sent 1000 lbs of wool to a mill in Buffalo, WY to be milled into yarn. The yarn will be processed, dyed and sent back as a product that will be used to weave a NMSU College of ACES wool rug. We are working with a Master Weaver, Richard Trujillo, in Chimayo, NM to create this rug. Richard is an alumni of NMSU and his family has been weaving wool products for several generations. Dr. Kelley Coffeen and her student, Savannah, have been working with the Master Weaver to create a unique design that incorporates NM culture and NMSU legacy. Mr. Trujillo will weave a rug that will be auctioned off in the Spring 2021. We are very excited about this project as it provides a new way to connect, honor and preserve the NM Sheep and Wool Industry.

This is the first step in our Heritage Wool Project and will be followed up by production of wool blankets and other wool products. Stay posted for information and pictures as we make progress. If you have questions or would be interested in the auction of the rug please contact the Department of Animal and Range Sciences or Dr. Jennifer Hernandez Gifford directly at jgifford@nmsu.edu.



Ewe and lamb at West Sheep Unit



Dr. Jennifer Hernandez Gifford and her students with the 2020 wool clip.

Graduates - May and December, 2020

Bachelor of Agriculture - Animal Science

Melissa Aguirre
Destiny Alvarez
Syndi Bagwell
Jesus Baltazar
Tiana Beall
April Begay
Kaleigh Best
Levi Bickham
Vivian Bracamont
Courtney Bustamante
Dayna Campbell
Jesus Carrasco
Antonio Chavez
Jacqueline Chavez
Kayce Culler
Amy DeFelix
Alondra Del Real
Victoria Del Toro
Angela Duh
Stephanie Escorza
Lauren Fierro
Joe Fietze
Andrea Gandara
Cassandra Gilliam
McKenna Good
Michayla Haden
Justus Haefner
Desiree Hernandez
Mario Herrera
Halli Hightower
Ryan Hinch
Noemi Macias
Alleeah Martinez
Felicia Martinez
Clara Maxam
Avery Miller
Natalia Molina
Reagan Nentwich
Aileen Nesteruck
Brittany Patton
Victoria Pennington
Savannah Pina
Micah Pinnell

Jovannah Ramirez
Alfonso Ramos
Maya Rangel
Olivia Riblett
Paige Rinta
Bruno Roman Aguilar
Shannon Russell
Nikita Saenz-Lopez
Lena Sanchez
Kenia Santoyo
Alexandra Sierra
Tiana Smalls
Daniel Soto
Karina Soto
Asia Valdez
Ty Velasquez
Keyarha Wilson

Bachelor of Agriculture – Range Science

Danny Aken
Amanda Chisholm
Exora Gonzales
Logan Klump
Shania Lewis
Tee Pickett
Teryn Roberts
Trenda Roper
Taylor Sanchez
Kaitlyn Silva

Master of Science

Josiah Brooks – ANSC
Kylee Forrest – ANSC
Elisa Trigo – ANSC
Rachel Hosna – RGSC
Ellie McCann – RGSC
Michael Meyers – RGSC
Angela Yemma - RGSC

Master of Agriculture in Domestic Animal Biology

Alexandria Claycombe
Sarah Pitassi

Doctorate Degree

Shelby Rosasco - ANSC
Colin Tobin – RGSC
Shelemia Nyamuryekung'e - RGSC

Graduate Spotlight

Colin Tobin grew up on a ranch in central South Dakota. He received his BS in Agriculture and Range Science and his MS in Plant Science at South Dakota State University. Colin is serving our country with the Air National Guard and was deployed in Afghanistan for 6 months during his PhD program. Colin is married to his lovely wife, Angie, and is actively pursuing opportunities in academia.



Shelby Rosasco is a native of California. She completed her MS and PhD at NMSU in reproductive physiology researching strategies to develop heifers for optimum lifetime productivity. Shelby's major advisor was Dr. Adam Summers. Dr. Rosasco is the new beef extension specialist at University of Wyoming.

Josiah Brooks was raised in Albuquerque, New Mexico. After graduating with his B.S. degree in animal science from New Mexico State University in 2017, Josiah interned at the USDA National Institute of Food and Agriculture in Washington, D. C. In the fall of 2018, Josiah began his master's program with Dr. Glenn Duff and recently defended his master's thesis. His research investigated the effects of preconditioning on the health and performance of calves received on winter wheat pasture. Looking to the future, Josiah plans on continuing his education or accept a job, whichever door may open during this time. Josiah enjoys science and statistics, politics, and serving at his church.



Shelemia Nyamuryekung'e received his Ph.D. in Range Science in August 2020. His doctoral research included studying grazing behavior, mother-offspring interactions, and heat tolerance of Raramuri Criollo cattle.

Graduate Spotlight



Kylee Forrest from Safford, AZ completed her Bachelor of Science Degree at NMSU in the Department of Animal and Range Sciences in 2018. Upon graduation, she began pursuing her Master of Science in the laboratory of Dr. Jennifer Hernandez Gifford. Her research thesis was titled “Effects of lipopolysaccharide on follicular estrogen production and developmental competence in bovine oocytes”. During her time as a graduate student, she was instrumental in her work with the research sheep flock at the West Sheep Unit. Additionally, Kylee was a valuable Teaching Assistant to numerous classes in the Department and was especially valued for her leadership of the highly involved Anatomy and Physiology dissection labs. On November 11, 2020, Kylee successfully defended her Master’s thesis. The Department of Animal and Range Sciences and the College of ACES recognized her dedication to research and her many other contributions to the Department by awarding her the Graduate Student Dean’s Award for Excellence. She is currently entertaining job opportunities as a Junior Embryologist. Congratulations, Kylee – we will miss you.

Alexandria Claycomb from Albuquerque, NM completed her Bachelor of Science degree in the Department of Animal and Range Sciences at NMSU in 2019. Alex then began pursuing a Master of Agriculture in Domestic Animal Biology with Dr. Jennifer Hernandez Gifford. During her graduate program, she completed a creative component that summarized 3 years of sheep reproductive data evaluating the effects of CIDR on twinning rates, and pregnancy rates during the first versus the second service. Alex has also been transcribing audio to accompany the Anatomy and Physiology virtual lectures. On November 19, 2020, Alex successfully defended her Creative Component. Alex plans to move to Oklahoma to pursue job opportunities. Good luck, Alex – we are proud of you.



Sarah Pitassi from Goodyear, AZ completed her Bachelor of Science in Animal Science with a minor in Genetics at NMSU in 2019. She then continued her education by pursuing a Master of Agriculture in Domestic Animal Biology with Dr. Jennifer Hernandez Gifford. During her graduate program, she participated with research and activities at the West Sheep Unit where she found a passion for working with sheep. Sarah contributed to the sheep industry through her Creative Component by participating in a sheep webinar series where she gave a talk on Sheep Reproduction. She also has authored 2 sheep extension publications. On October 22, 2020, Sarah successfully defended her Creative Component. Sarah plans to move to Japan in the Spring and find her next adventure. We wish you luck, Sarah – Congratulations!





#givingtuesday

December 1, 2020



Giving Tuesday

Giving Tuesday is December 1, and this will be the sixth year that NMSU will participate in this global day of giving that happens on the Tuesday after Thanksgiving. We are reaching out to NMSU alumni and friends not only around the state, but also across the country and the world, to help us make a difference for our students in New Mexico. This day of giving benefits all our students, creating new scholarship opportunities that help students from all backgrounds. As a land-grant university, we serve many students who are first-generation college students as well as a diverse population of students who would not otherwise be able to attend college. #GivingTuesday is an NMSU system-wide fundraising event that supports all NMSU campuses, including Doña Ana Community College, Alamogordo, Carlsbad, and Grants.

The Department of Animal and Range Sciences would like to encourage our supporters to consider donations to our many scholarship funds. Funds that are related specifically for our judging programs are a priority this year. They include the Bobby Rankin Judging Team Endowed Fund, Casey and Blair Darnell Endowed Scholarship, Dr. Tim and Paula Ross Endowed Fund, Jerry M. Hawkins Endowed Scholarship, L. Neil Burcham Livestock Judging and Production Current Use Fund, Sean Delaney Memorial Endowed Scholarship, and Jonathan Norris Judging Team. Support would also be appreciated for our Equestrian Team, Therapeutic Riding Program, and Companion Animal Program. General donations can also be made to the department for use where needed. If you have questions or need more information see the Giving Tuesday website <https://support.nmsu.edu/gt/> or Kassie Ckudre at kherna17@ad.nmsu.edu or Shanna Ivey at sivey@nmsu.edu.

Please do not forget to make your gift by going to giving.nmsu.edu or mas.nmsu.edu to make a secure donation online on Tuesday, December 1, beginning at 12:01am (MT) and ending at 11:59 pm (MT).

The College of Agricultural, Consumer and Environmental Sciences is an engine for economic and community development in New Mexico, improving the lives of New Mexicans through academic, research, and Extension programs.