



Small Ruminants – Train the Trainer Program

Where: 3804 Bald Hill Rd, Jefferson City, Missouri 65101

When: October 15-17, 2024

NCR SARE and Lincoln University's Small Ruminant Program invite you to a three-day "Train-the-Trainer" Certificate on small ruminant production, marketing, and development extension skills.

This program is designed for educators, faculty, extension agents, graduate students, and farmers—who train or consult with other sheep and goat producers.

Registration link / Scan code

https://lincolnu.qualtrics.com/jfe/form/SV_0pK8sPLqIBznkNw



This program is made possible by the NCR SARE professional development grant (ENC23-220) and the NCR SARE research and education grant (LNC23-480)

Lincoln University is an equal-opportunity employer and provider. If you need a reasonable accommodation to participate in this event, please contact Gabriel Apple at AppleG@lincolnu.edu or 573-681-5062

For more information contact:

Dr. Mohan Acharya / AcharyaM@LincolnU.edu / 573-681-5566

Dr. Homero Salinas / Salinas-GonzalezH@LincolnU.edu / 573-681-5169

Program Schedule

October 15, 2024

Time	Topics	Speakers
1:00 – 1:30 PM	Where to find reliable online learning resources for sheep and goat production	Ms. Linda Coffey
1:30 – 2:30 PM	Feed tags and testing forage/hay for balancing nutrients	Dr. Ken Coffey
2:30 – 2:45 PM	Break	
2:45 – 3:45 PM	Smart use of dewormers	Dr. James Morgan
3:45 - 4:45 PM	Advancing Diversity, Equity, and Inclusion (DEI) in Extension Education	Dr. Homero Salinas

October 16, 2024

10:00-11:00 AM	Genetics of Parasite Resistance in Sheep and Goats	Dr. James Miller
11:00-12:00 PM	Sheep and Goat Nutrition Essentials	Dr. Dan Quadros
12:00-1:00 PM	Networking Lunch: "Designing Impactful Policies: Enhancing Agricultural Extension	Dr. Homero Salinas
1:00-2:00 PM	Alternative methods for parasite control	Dr. Mohan Acharya
2:00-3:00 PM	Extending knowledge that reach to public and stays for long	Dr. John Tummons
3:00-3:20 PM	Break	
3:20-4:20 PM	Evaluating the Impact of Small Ruminant Extension Programs	Dr. Lola Adedokun

October 17, 2024

9:00-10:00 AM	Pasture Based Sheep and Goat Production	Dr. Bruce Shanks
10:00 - 11:00 AM	Maximizing Profits in Your Sheep and Goat Business	Dr. Steve Hart
11:00 - 11:30 AM	Break [<i>Program evaluation forms</i>]	
11:30 - 12:30AM	Marketing Tips for Sheep and Goats	Dr. Jennifer Lutes

Speakers:



Ms. Linda Coffey has worked as an Agriculture Specialist for the National Center for Appropriate Technology (NCAT) since 2000, with most of her focus on working with sheep and goat producers and in “train the trainer” projects. Her area of expertise includes grazing, parasite management in sheep and goats and multispecies grazing. She conducts educational programs and writes farmer-friendly publications to provide producers with accurate, research-based, practical information to improve the sustainability of their farms and ranches.



Dr. Ken Coffey is a Professor in the Department of Animal Science at University of Arkansas, Fayetteville, AR and has been at the University since 1996. His current research interests are focused around improving production and economic efficiency by animals grazing or otherwise consuming forages. The goal is to develop grazing and harvesting strategies that will maximize the use of forage and minimize dependence on off-farm commodities. Other areas of expertise include balancing nutrients using different feed ingredients to feed sheep and goats during winter months.



Dr. James Morgan is a sheep producer and consultant who lives in Fayetteville, AR. He has worked for Katahdin Hair Sheep International and has been active with the National Sheep Improvement Program. Dr. Morgan has written several articles on parasite resistance, sheep genetics and efficient management.



Dr. Homero Salinas is an Assistant Professor of Animal Science and State Extension Specialist (Small Ruminants) at Cooperative Extension and Research at Lincoln University of Missouri. The focus of his research and extension is related to crossbreeding of sheep to measure the effects on parasite resistance. Dr. Salinas conducts a series of webinars on various management practices including but not limited to parasite management in small ruminants. He has been invited to speak several sheep and goats train-the-trainer programs in Central and South America.



Dr. James Miller is a retired professor from Louisiana State University School of Veterinary Medicine. He has extensive experience in research and extension work on epidemiology, parasitic control, and genetics of ruminant nematode parasitism. He collaborated with national and international organizations, participated in USDA multi-state projects, and served in coordinating committee for sustainable small ruminant production in the Southern United States. Most of his works are focused on improving small ruminant production using an integrated approach to control parasites including but not limited to selection of parasite resistant animals and management of dewormer resistance in sheep and goats.



Dr. Dan Quadros is an Assistant Professor at the University of Arkansas System Division of Agriculture, Department of Animal Science, as the Small Ruminant Specialist. His goal is to increase producer knowledge and understanding of small ruminant husbandry/health, production, and marketing. Before that he completed two post-doctoral trainings one at the University of Florida and another at the Texas A&M University, in forages and livestock nutrition.



Dr. Mohan Acharya is an Assistant Professor and State Extension Specialist at Lincoln University of Missouri. His primary focus is on sustainable parasite control in small ruminants such as use of copper oxide wire particles, smart use of chemical dewormers, genetic selection of parasite resistant sheep/goat, management practices to minimize need of anthelmintic treatment, pasture management, minimization of anthelmintic resistance and use of tannin-rich forages (for example Sericea lespedeza).



Dr. John Tummons is an Associate Professor and Director of Undergraduate Studies in Agricultural Education and Leadership at the University of Missouri. Dr. Tummons has extensive expertise in creating and delivering education and outreach programs with youth and adult stakeholders. He teaches and advises graduate students from across the college in quantitative social science research methods, needs assessments, logic models, survey design, data collection, and data analysis.



Dr. Lola Adedokun is an assistant professor of program evaluation in the Department of Community Leadership and Development at the University of Kentucky (UK). She also serves as the Extension and Engagement Evaluation Director for UK Extension. She leads statewide evaluation capacity-building initiatives to build and sustain the capacity of UK Extension personnel to conduct high-quality evaluations and report credible evidence of the impact of their programs. Her primary interests focus on the complexity of designs and measurement in Extension program evaluation including the development of robust measures of the cognitive and behavioral outcomes of Extension programs.



Dr. Bruce Shanks received a Ph.D. in Animal Science from South Dakota State University and spent almost a decade as an animal science faculty at Lincoln University in Missouri. As of today, Dr. Shanks owns and reside on Sassafras Valley Ranch in Belle, MO where they raise livestock under a managed-intensive grazing system on 620 owned and 1,000 leased acres. Dr. Shank served on several boards and committees including Missouri Forage and Grasslands Council, Missouri Farm Bureau Sheep & Goat Advisory Committee, Mid-Missouri Grazing Committee, etc.



Dr. Steve Hart is a retired Goat Extension Specialist from Langston University in Oklahoma. He has conducted extension education programs in goat production and has spoken to goat producers in over 20 states. Dr. Hart has conducted research and extension in the area of nutrition and helped design the Langston interactive nutrient calculator on Langston's web site. He continues to answer extension questions, speaks to producer groups and writes articles on goats for popular press magazines.



Ms. Jennifer Lutes is a Field Specialist in Agricultural Business & Policy with the University of Missouri (MU) Extension. While located in McDonald County, Missouri, her work extends across the state. With a background in Agricultural Economics and Animal Sciences, Mrs. Lutes works with farms and agricultural businesses to improve their financial outlook and thus improve their families for generations to come.

One of Jennifer's passions is sheep and goat production. She has a deep understanding of sheep and goat production practices and provides comprehensive analyses of market conditions for sheep and goats.

Jennifer creates detailed market outlook presentations that explore current trends, future forecasts, and market preferences. These presentations equip producers with valuable insights into state, national, and international markets, helping them navigate and respond to evolving market conditions effectively.

Name	Affiliation	Email address
Ms. Linda Coffey	Sheep & Goat Specialist, National Center for Appropriate Technology (NCAT), Arkansas	lindac@ncat.org
Dr. Ken Coffey	Professor, Department of Animal Science, University of Arkansas	kcoffey@uark.edu
Dr. James Morgan	Round Mountain Consulting, Fayetteville, AR	jimm@earthlink.net
Dr. Homero Salinas	Assistant Professor, Extension State Specialist & Research Small Ruminant Program	salinas-gonzalez@lincolnu.edu
Dr. James Miller	Professor of Veterinary Medicine Emeritus School of Veterinary Medicine Louisiana State University Baton Rouge, Louisiana	jmille1@lsu.edu
Dr. Dan Quadros	Small Ruminant Specialist University of Arkansas System Division of Agriculture Cooperative Extension Service Little Rock, AR	dquadros@uada.edu
Dr. Mohan Acharya	Assistant Professor, Extension State Specialist & Research Small Ruminant Program	acharyam@lincolnu.edu
Dr. John Tummons	Associate Professor & Director of Undergraduate Studies - Agricultural Education & Leadership College of Agriculture, Food and Natural Resources (CAFNR) University of Missouri Columbia, MO	tummons@missouri.edu
Dr. Omolola (Lola) Adedokun	Assistant Extension Professor, Department of Community & Leadership Development Director, Extension and Engagement Evaluation, UK Cooperative Extension Service University of Kentucky Lexington, KY	oaad223@uky.edu
Dr. Bruce Shanks	Owner of Sassafras Valley Ranch Belle, MO	sassafrasvalleyranch@gmail.com
Dr. Steve Hart	Assistant Professor & Goat Extension Specialist, Langston University, Oklahoma (Retired)	shart@langston.edu

Ms. Jennifer Lutes	Field Specialist, University of Missouri - Extension	lutesjl@missouri.edu
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