2023 MU VRSP mentor profile form

Mentor	**Allison Meyer**
Departmental bio web page.	**https://cafnr.missouri.edu/person/allison-meyer/**
Other relevant web pages, as applicable. E.g., lab group/personal web page, Google Scholar/ORCiD profiles, others	**Google Scholar:** **https://scholar.google.com/citations?user=Y2M4FCsAAAAJ&hl=en&oi=sra**
Research interests.	Cow-calf nutritional physiology & management, Nutrient partitioning of beef females to calves (gestation & lactation), Neonatal beef calf physiology & health, Colostrum yield and composition, Calf vigor at birth, Calving behavior
Active projects.	Effects of nutrient restriction during late gestation on nutrient utilization by pre- and postnatal calves (animal work completed), Factors that affect colostrum and calf vigor, metabolism, passive transfer, and health (lab work and data analysis ongoing)
Research team. E.g., graduate students, post docs, technicians, other scholars	Technician, graduate student(s), undergraduate researchers
About you… Education/training Personal information, as interested—e.g., hobbies, etc.	I grew up on a cow-calf operation in central Indiana before completing degrees at Michigan State University, the University of Missouri, and North Dakota State University. I was on faculty at the University of Wyoming before returning to the University of Missouri in 2013. In addition to research, I teach nutrition courses to undergraduate and graduate students. In my spare time, I like to hang out with my Australian Shepherd, collect cow things, travel, and make pottery.
Mentor Profile	
I am available to mentor students in career and life decisions, even if they do not choose research. Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
My students are/can be involved in the creation/development of their projects. Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
I expect students to contribute to manuscripts/publications. Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
Students have the option to continue to work on this project. Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
My students often work closely with a research team, e.g., lab tech or other students. Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	

I frequently touch base with my research team—e.g., students, technicians, etc. Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
My mentoring style is very hands off. Very Untrue 1 --- 2 --- 3 --- 4 --- 5 Very True	
Current/active project profile & timeline, including clinical vs. basic science.	Summer projects may be added that have animal work, but currently we have ongoing research in factors that affect colostrum and calf vigor, metabolism, passive transfer, and health, as well as determining reference intervals for serum chemistry and rectal temperatures in neonatal calves. This involves using our database (100-400 calves, depending on the variable) and possible lab work. **May not include animal work this summer-funding dependent.**
Lab structure, if applicable.	Our lab is in the Animal Science Research Center, with desk space for summer students/interns. Summer students/interns often work closest with our research technician on a daily basis, but that is subject to change with the project.
What does a typical day of research look like for VRSP scholars?	It depends, based on the project. Some early mornings, evenings, or weekends may be necessary if an animal project is occurring. Otherwise, somewhat flexible time in the lab (at least 8 hours/day if only Mon-Fri)
What does engagement look like for your lab/project?	VRSP scholars are asked to help us move science forward in the lab while learning about the research process. Daily: Working on a team at the farm or in the lab, or independent work with data analysis or reading. Training and help are provided for all tasks.