# Education

Pennsylvania State University, University Park, PA – M.S. Animal Science 2025

Mississippi State University, Starkville, MS - B.S. Animal and Dairy Science 2021

# Experience

Graduate Research Assistant, Penn State, University Park, PA – August 2023- present

Responsible for performing research activities including writing literature reviews, assisting with sampling on trials, and with assisting with project development and management.

Calf Manager, Drumgoon Dairy, Lake Norden, SD - March 2022- July 2023

Managing mainly 50-100 newborn calves of varying breeds and two employees. Responsibilities include feeding milk replacer, diagnosing and medicating sick calves, transporting, and maintaining a clean environment as well as scraping the dry cow barn, performing weekly foot baths, and moving any cattle that need medical attention or calve early. Attending weekly management meetings and providing updates on issues and improvements within the calf team.

Maternity/Hospital Employee, Drumgoon Dairy, Lake Norden, SD — September 2021-March 2022

Responsibilities included medicating and moving sick, fresh and down cows, using hip lifts, pulling calves and diagnosing dystocia, vaccinating, drying off, selecting cows for hoof trim, checking fresh cows and heifers, milking fresh and hospital cows, harvesting and storing colostrum, processing newborn calves, tagging, record keeping, etc.

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State College, PA

16801

Gillian Plaugher

Milkhand, Joe Bearden Dairy Research Center, Starkville, MS — September 2019- March 2021

Responsibilities included milking in a double 8 parlor, scraping alleys, moving cows, feeding calves, training new employees, and assisting with vaccination and dry off.

# Skills

Animal care and handling - leadership - record keeping - communication (some Spanish) - time management - problem solving - operating skid steers, tractors, and payloaders - reversing trailers - artificial insemination - administering IV medications