

Geneticist

Position Description

Geneticists study genes and the science of heredity. Main responsibilities are to answer questions about genetics and interpret how changes may affect dairy producers. Analyze genetic trends, oversee genetic evaluations, consider and develop new traits. They also make recommendations for genetic or breed improvement. Additionally, they are challenged with considering new ways to benefit dairy producers.

Education Requirements

- Bachelor's degree in an area of study related to animal science or genetics.
- Master's degree and Ph.D. in genetics or animal breeding.

Helpful Skill Set

- Writing and editing.
- Good verbal communication skills.
- Technical skills.
- Working with data.
- IT and programming experience.
- Experience using common statistical software packages.

Network Development

- Maintain a broad educational base and be prepared for rapid change.
- Develop expertise that builds on your strengths and passions.
- Focus on statistics and science in high school and college.
- Become involved with the American Dairy Science Association.

Work Experience

- Study with those that share your same passion.
- Graduate school is a must to gain work experience.
- A post-doc position will be useful for many to gain more experience.

Keywords

genes, science, traits, genetics, statistician, data