

**Position Title:** ASA Geneticist

**Location:** Bozeman, Montana (Hybrid/Remote options considered)

**Employment Type:** Full-Time

---

### **About the American Simmental Association (ASA)**

The American Simmental Association (ASA) is a progressive leader in the beef cattle industry, committed to advancing seedstock through innovative genetic improvement, science, data collection, collaboration and member services. As a key partner in the International Genetic Solutions (IGS) multi-breed database, ASA leverages cutting-edge genomic technologies to enhance the profitability and sustainability of beef production.

---

### **Position Summary**

ASA is seeking a highly motivated and scientifically grounded Geneticist to join our team. This position focuses on ensuring the integrity and reliability of genetic evaluations through data oversight, developing targeted genetic improvement programs, and collaborating with the IGS Science Team on research to refine prediction models and develop new traits. The Geneticist will also engage with ASA members, providing technical support and educational resources to promote the adoption of genetic tools, while representing ASA's scientific leadership in the beef industry through strategic partnerships and outreach.

This position offers a unique blend of applied science, data stewardship, and communication—ideal for someone eager to apply cutting-edge genetic tools to real-world cattle production.

---

### **Key Responsibilities**

#### **Genetic Evaluation & Improvement**

- Oversee data integrity by monitoring weekly data audits, genomic upload reports, and evaluation outputs, ensuring accurate and regular data uploads to the IGS database.
- Collaborate with the IGS Science Team to refine genetic evaluation models, conduct research (e.g., genome-wide association studies, marker subset analysis), and develop new EPDs and index traits.

- Develop programs and partnerships to enhance data collection for economically significant traits, including pulmonary arterial pressure (PAP), feed intake, mature cow weight, feet and legs, heart score, carcass, and health parameters.
- Assist in identifying and monitoring potential genetic defects or abnormalities.
- Assist ASA members with genetic inquiries, EPD interpretation, animal lookups, and data submission.
- Develop educational content and technical briefs on new trait evaluations, updates to existing evaluations, data collection initiatives, and EPD/selection index basics.
- Collaborate with internal teams and project leaders to strategically expand ASA's non-traditional data collection initiatives, including:
  - Carcass Merit Program
  - Carcass Expansion Program
  - Cowherd Roundup
  - Calf Crop Genomics
- Identify creative opportunities and partnerships to enhance the reporting of rare and meaningful phenotypes.
- Provide member support for genetic tools on ASA platforms, such as Herdbook and the ASA website.

### **Outreach & Communication**

- Translate complex genetic concepts into practical, actionable knowledge for producers, members, and industry stakeholders.
- Partner with the ASA Communications Team and ASA Publications to help manage the vision and strategy for genetic communications.
- Represent ASA at industry meetings, fostering strategic relationships with allied industry partners to drive collaboration and business opportunities.
- Partner with the Communications Team and ASA Publications to create educational resources and member-facing content (e.g., IGS-TV, articles, newsletters).
- Strengthen ASA's strategic relationships with academic and industry partners.

## Key Competencies

- Exceptional communicator, capable of presenting scientific concepts clearly to diverse audiences, including producers and industry stakeholders.
  - Strong relationship builder with producers, researchers, and allied industry partners.
  - Collaborative and innovative thinker with effective problem-solving and analytical skills.
  - Self-motivated team player, thriving in a dynamic, team-oriented environment.
- 

## Qualifications

- M.S. or Ph.D. in Animal Breeding and Genetics, Quantitative Genetics, or a related field.
  - Strong foundation in quantitative genetics, genomic selection, and EPD calculations.
  - Proficiency with data analysis tools and programming languages such as R, Julia, Linux, or SAS.
  - Experience with genetic evaluation platforms.
  - Excellent communication skills for both technical and non-technical audiences.
  - Team-oriented mindset with strong organizational and analytical skills.
  - Familiarity with beef cattle production systems, seedstock sector, and the broader beef industry.
  - Willingness to travel for industry events, field visits, ASA meetings and member outreach.
- 

## How to Apply

Please submit a cover letter, resume/CV, and contact information for three professional references to [jdeclerck@simmgene.com](mailto:jdeclerck@simmgene.com). Be sure to include “ASA Geneticist Application” in the subject line. Application review will begin on June 2 and will continue until the position is filled.