



Role	Title:	Molecular	Biology
Reports	Intern.	&	
To:	Namdori	Mtango	Sandeep
			Rajput

Position Location: Deforest, WI 53532

Company Background:

Genus (Parent company to ABS Global, PIC and R&D/IntelliGen) is a global FTSE 250 company, headquartered in the UK and listed on the London Stock Exchange. With revenues of around £500 million, Genus has a presence in over 70 countries, with a global workforce of approximately 3,200 employees. One of the best performing stocks on the London Stock Exchange, the Company's market capitalization is around £2 billion. **We are a worldwide leader in porcine and bovine animal genetics, partnering with farmers to transform how we nourish the world – a mission that is important to a sustainable future.**

Each generation of animals is selected based on a number of desired traits, including greater health, fertility, productivity or feed efficiency. With superior animal genetics, Genus helps its customers in the dairy, beef and porcine supply chains around the world produce offspring with improved robustness, superior production efficiency and greater sustainability. Genus's vision of "*pioneering animal genetic improvement to help nourish the world*" is supported by its core values to be customer-centric, results-driven, pioneering, people-focused and responsible.

For more information on our student program, please visit- www.startingatgenus.com

Overall Responsibilities:

We are currently recruiting for an exciting opportunity for a student to join our Reproductive biology team this Summer (12 weeks (about 3 months)) as a Molecular Biology Intern in the Deforest area. The selected participant will learn how to collect samples from animals, Nucleic acid isolation, PCR, data collection and analysis. Additionally, the participant will collaborate with other research staff to learn how to collect eggs from ovaries, conduct IVF and grading embryos.

Specific Accountabilities:

-Sample collection (Blood, ovary, oocytes and embryos) from farm animals and processing to isolate nucleic acid and proteins.

-Performing cDNA synthesis, PCR, RT-qPCR and other molecular analysis.

-Data organization, analysis and presenting in weekly lab meeting.

-Routine lab work including but not limited to making inventory, running agarose gels, maintaining lab records and attend different training program as required.

Qualifications and Experience:

- Fundamental knowledge of animal physiology and molecular biology and deep interest to learn and work in the same area.
- Basic knowledge of laboratory operation such as pipetting, electrophoresis, centrifugation and other techniques involved in routine molecular biology research.
- Pursuing an Agribusiness, Animal Science, Biology, Dairy or Veterinary degree or related field is preferred but not required.
- Understand the general farm operation and handling cattle including reproductive skills and safety procedures.
- Willingness to travel to the farms and occasionally work on weekends.
- Ability to continuously work on bench for 3-4 hours
- Valid driver's license.
- Gain an understanding of GENUS proven technical solutions through hands-on involvement and training with, staff, and local management.
- Exposure to real industry seminars, in-house meetings, and publications.
- Ensure ABS Global is a healthy and safe environment to work by observing both the company safety rules and the policies/guideline.
- Effective communication skills.
- Self-motivated with positive attitude.
- Ability to learn quickly and accept challenges
- Able to work at least 12 weeks as a Molecular Biology Intern in the DeForest area.

Capabilities and behaviors:

- Live and display the Genus values at all times in their day-to-day activities.
- Maintain professional verbal and written communications with co-workers, internal and external customers, and vendors at all times.
- Be flexible with respect to job responsibilities and consistently strive to be an effective team member.
- Strive to advance your skills and display a willingness to accept future development.
- Actively participate in company training opportunities to further develop skills applicable to the team.
- Gain an understanding of the company's business and the team's role within the company.