

Loralyn Enlow

Scientist

Profile

An accomplished scientist with 5 years of experience in conducting cutting-edge research, leveraging expertise in data analysis and scientific methodologies to drive innovation. Proven track record in experimental design, troubleshooting, and presenting findings to diverse audiences. Adept at collaborating with interdisciplinary teams, managing multiple projects, and maintaining meticulous documentation. Demonstrated skill in mentoring junior team members, grant writing, and publishing high-impact research articles. Committed to advancing scientific knowledge and making a positive impact on industry and society.

Employment History

Senior Scientist at Sanford Health, ND

Mar 2023 - Present

- Led a research team that successfully developed a novel diagnostic tool for early detection of cancer, increasing accuracy by 35% and reducing diagnosis time by 50%.
- Secured \$2 million in grant funding for innovative stem cell research projects, resulting in the publication of 10 high-impact papers and two patent applications.
- Established a collaborative research partnership with a leading pharmaceutical company, leading to the successful completion of a clinical trial for a new drug therapy, which improved patient outcomes by 25%.

Associate Scientist at Aldevron, ND

Sep 2018 - Feb 2023

- Developed a novel gene therapy product, resulting in a 30% increase in production efficiency and significantly reducing the time to market for the company.
- Led a team of 5 junior scientists in the optimization of protein purification processes, achieving a 25% reduction in costs and improving overall product yield by 15%.
- Successfully managed a high-priority project involving the development of a new vaccine platform, which led to the securing of a \$2 million grant from a major pharmaceutical partner.
- Streamlined quality control processes, resulting in a 20% reduction in batch failure rates and increasing on-time delivery of products to clients by 10%.

Education

Doctor of Philosophy in Molecular Biology at University of North Dakota, Grand Forks, ND

Aug 2014 - May 2018

Relevant Coursework: Advanced Genetics, Molecular and Cellular Biology, Bioinformatics, Genomics and Proteomics, Biostatistics, Biochemistry, and Laboratory Techniques in Molecular Biology.

Details

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Links

linkedin.com/in/loralynenlow

Skills

Data analysis

Hypothesis testing

Experiment design

Statistical modeling

Scientific writing

Laboratory techniques

Computational simulations

Languages

English

Japanese

Hobbies

Astronomy

Robotics

Amateur radio