



# MICHAEL ANDERSON

## GENETICS PROGRAM MANAGER

### PROFILE

Highly skilled Aquaculture Technology Specialist with a focus on genetic improvement and breeding programs to enhance fish stock quality. Over 10 years of experience in aquaculture genetics, leveraging cutting-edge biotechnological advancements to optimize breeding strategies. Proven track record of developing hybrid species that exhibit superior growth rates and disease resistance. Adept at utilizing genomic selection methods to facilitate rapid genetic gains within aquaculture operations.

### EXPERIENCE

#### GENETICS PROGRAM MANAGER

##### Aquaculture Genetics Corporation

2016 - Present

- Led the design and execution of selective breeding programs for various fish species.
- Analyzed genetic data to identify and select optimal breeding candidates.
- Implemented innovative technologies for genetic marker-assisted selection.
- Collaborated with researchers to enhance understanding of genetic traits.
- Established partnerships with industry stakeholders to promote genetic advancement.
- Monitored breeding program outcomes to ensure alignment with production goals.

#### AQUACULTURE RESEARCH SCIENTIST

##### Marine Genomics Institute

2014 - 2016

- Conducted research on genetic variation and its impact on aquaculture performance.
- Developed protocols for genomic analysis and data interpretation.
- Published findings that contributed to the understanding of genetic diversity.
- Engaged in outreach programs to promote genetic literacy among stakeholders.
- Provided expert advice on breeding strategies to enhance stock resilience.
- Participated in international conferences to disseminate research outcomes.

### CONTACT

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### SKILLS

- Genetic Improvement
- Breeding Programs
- Data Analysis
- Biotechnology
- Research Collaboration
- Project Leadership

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

#### PH.D. IN AQUACULTURE GENETICS, COASTAL UNIVERSITY

### ACHIEVEMENTS

- Increased the growth rate of selected fish strains by 20% through innovative breeding techniques.
- Recognized as a leading expert in aquaculture genetics by industry publications.
- Secured funding for genetic research projects totaling over \$500,000.