

CURRICULUM VITAE

PERSONAL DETAILS



Dedicated and experienced medical doctor with a specialization in shrimp genotype research. Proven expertise in genetic analysis, breeding programs, and environmental interactions affecting shrimp health and productivity. Committed to advancing aquaculture through innovative research and practical applications.

Core Skill

- Genetic analysis and sequencing
- Shrimp breeding and aquaculture
- Data analysis and statistical modeling
- Research and publication
- Project management
- Collaboration and teamwork

Professional Experience

Senior Research Scientist, Massachusetts Institute of Technology (MIT), Nov 2009 – Present

- Lead research projects on genotype-environment interactions in shrimp.
- Develop and implement breeding programs to enhance shrimp health and productivity.
- Publish findings in peer-reviewed journals and present at international conferences.

Marine Biologist, Blue Genetics, Nov 2005 – Jul 2009

- Conduct genetic analysis of shrimp populations.
- Collaborate with aquaculture farms to apply research findings.
- Monitor and evaluate the impact of environmental factors on shrimp genotypes.

Education Degree

- Master's in Aquaculture Health, Massachusetts Institute of Technology (MIT), 2005
- Bachelor of Science in Biology; University of California Berkeley, Graduated: 2003

Publications

- "A Review and Meta-Analysis of Genotype by Environment Interaction in Commercial Shrimp Breeding", Journal of shellfish research, 2023
- "Genetic Improvement of Shrimp: Current Status and Future Directions", Journal of the world Aquaculture Society, 2019