

SHAIRA F. BAÑEGA, R.Agr

Plant Breeding minor in Molecular Biology and Biotechnology

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SUMMARY

Dedicated researcher and educator with experience in vegetable breeding and crop science instruction. As a Research Specialist in yardlong bean and eggplant breeding and a lecturer for Licensure Examination for Agriculturists review classes, I bridge practical research and academic learning. I am eager to contribute to biotechnology education through evidence-based teaching and mentorship that connect theory with real-world agricultural innovation.

EXPERIENCE

01/2025– Present	UP STEP REVIEW CENTER Crop Science Review Lecturer– Licensure Examination for Agriculturists (contract– based)
08/2023– Present	EAST– WEST SEED CO., INC. Research Specialist I <ul style="list-style-type: none">Managed multiple breeding projects aimed at developing new eggplant and yardlong bean varieties with improved yield and resistance to pests and diseases.Supervised a team of 8 members, optimized methods and innovative techniques in trial implementations.Collaborated with different departments for market survey and varietal release forecasts.
04/2018– 12/2022	INSTITUTE OF CROP SCIENCE, UNIVERSITY OF THE PHILIPPINES LOS BAÑOS University Researcher I <ul style="list-style-type: none">Lead the development of project work plans and budget forecasts to support the execution of specific research activities.Managed a multidisciplinary research team, performed field trials, advanced data, and statistical analyses of different <i>Musa textilis</i> sp. varieties.

EDUCATION

2019–2022	UNIVERSITY OF THE PHILIPPINES LOS BAÑOS MS Plant Breeding minor in Molecular Biology and Biotechnology	GPA 1.43
2013– 2017	UNIVERSITY OF THE PHILIPPINES LOS BAÑOS BS Agricultural Biotechnology sp. in Molecular Plant Breeding	GPA 1.91

SCHOLARSHIP GRANTS

2019–2021	DEPARTMENT OF SCIENCE AND TECHNOLOGY– ACCELERATED SCIENCE AND TECHNOLOGY HUMAN RESOURCE DEVELOPMENT PROGRAM (DOST– ASTHRDP) SCHOLARSHIP
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SKILLS

Conventional and Molecular Breeding Techniques	Field Trial Management
Data Analysis and Bioinformatics: R, STAR, TASSEL	Project Management
Plant Tissue Culture	Project Management