

KARL MARVIN R. BANTUG

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SKILLS

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| ✓ Time-management and interpersonal skills | ✓ Stock inventory and general housekeeping (cleaning) | ✓ Problem solving and decision-making skills | ✓ Writing manuscripts and training manuals |
| ✓ Critical and creative thinking under pressure | ✓ Excellent communication skills | ✓ Delegating tasks and on-boarding new hires | ✓ Adaptability to changes in the workplace |
| ✓ Data collection, analysis, and presentation skills | ✓ Strong team player & goal-oriented | ✓ IT skills (excel, word) on both PC and MAC OSX | ✓ Project and personnel management |
| ✓ Information production and dissemination | ✓ Customer service and education | ✓ Conflict resolution management in the team | ✓ Infection control & biosecurity management |

EDUCATION

- Macquarie University (2023 – 2025): **Master of Biotechnology**
- Central Luzon State University (2017 – 2019): **Doctor of Veterinary Medicine**
- Central Luzon State University (2013 – 2017): **Bachelor of Science in Animal Husbandry**

TRAININGS/SEMINARS & CERTIFICATES

- **IELTS Score:** Overall Band score = **8.0**; CEFR = **C1/C2**
- **NDIS Worker Certificate** (valid until **2028**)
- **Trainer** – ASEAN Biotechnology Researchers for Livestock Resiliency and Sustainability, Philippine Carabao Center (July 2022)
- **Participant** - Animal Handling Seminar and Workshop 2022 - MICROBIA Philippines (February 2022)
- **Participant** - In-house training on DNA sequencing and analysis - Animal Breeding and Genomics Section, Philippine Carabao Center, NHQ (June 2021)

WORK EXPERIENCE

January 2023 – Present: **Care Service Employee** at **RSL Lifecare (Casual)**

- Supports residents in their daily living and activities in accordance to the facility's health care plan
- Assists in caring for high-care residents with utmost patience
- Implements care plans and duties assigned by the Registered Nurse
- Documents and reports any information (observations, notes, incidents, etc.) pertinent to the safety and wellbeing of the residents and the facility
- Assists in maintaining the daily hygiene of the residents as needed
- Complies and implements relevant Work Safety and Health protocols established by the facility

January 2023 – Present: **Cleaner at Estia Health Camden (Casual)**

- Routine and project cleaning tasks according to established cleaning schedules
- Cleaning tasks include mopping and vacuuming floors, damp dusting, waste management, restocking of supplies,
- Collection of soiled linen and clothing as required
- Completion of cleaning tasks according to infection control and occupational health and safety requirements, including the safe storage and use of cleaning chemicals
- Recording of the completion of cleaning schedule tasks
- Act in accordance and comply with all relevant Safety and Quality policies and procedures
- Participate in and contribute to quality improvement programs
- Comply with the Requirements of the National Safety & Quality Health Service Standards
- Comply with all relevant clinical and/or competency standards
- Comply with the principles of Patient and Family Centered Care that relate to this position

June 2021 – October 2022: **Science Research Specialist at The Philippine Carabao Center (PCC)**

- Optimized a protocol for the detection of genetic defects and productivity traits in cattle and buffalo
- Performed routine molecular biology works (DNA extraction, purification and quality checking) in accordance to QMS guidelines and GLP protocols
- Routine molecular biology lab works (PCR and Restriction enzyme optimization, analysis and troubleshooting and DNA sequencing, purification and analysis)
- Provides genotyping services for PCC regional farms via PCR-RFLP (for genetic defects and productivity traits);
- Co-managed the operations of the Milk Analysis Laboratory and milk data analysis using automated milk analysis machines for PCC farms and private entities
- Handles aseptic collection and processing of biological samples (blood, tissue, hair & milk) from large ruminants
- Liaises with participating cattle & buffalo breeding farms as well as other regional branches of the PCC
- Develops and collates genotyping and sequencing data from partner farms and establishes a system of data confidentiality of the results from participating farms
- Assists in the writing semi-annual progress reports, in-house laboratory manuals and protocols, and publishable scientific papers for local and international conferences and publications
- Focal person for the quarterly inventories of the laboratory supplies (biologics, glassware, etc.)
- Ensures availability of daily consumables used in the laboratory, as well as monitoring quantity stocks
- Performs administrative works related to the job (processing travel orders, reimbursement vouchers, acquisition of quotations from suppliers, etc.)
- On-boarded one junior laboratory technician, which can now perform routine laboratory works, molecular biology experiments and data analysis

AFFILIATIONS

- Member, The Philippine Veterinary Medical Association, 2019 – Present
- Member, The Philippine Society of Animal Science – 2021 – 2022

