

**LINDLEY C. SUSI**

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**ACADEMIC BACKGROUND****❖ Post-graduate**

**Master of Science in Microbiology**, August 2015- July 2018 (Graduated)

The Graduate School, University of Santo Tomas, España, Manila, Philippines

Thesis: Characterization of four Philippine marine phages infecting *Vibrio parahaemolyticus*

**❖ Tertiary**

**Bachelor of Science in Biology**, March 2014

College of Science, University of Santo Tomas, España, Manila, Philippines

Thesis: Synergistic lytic potentials of phage UP87 and novel phage B614 against motile aeromonad septicemia (MAS)-induced in *Oreochromis niloticus*

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**WORK EXPERIENCE**

- ❖ **Senior High School Part time-Research Teacher** (Universal College of Paranaque), July 2020- present
- ❖ **Senior High School Full time-Research Teacher** (Universal College of Paranaque), January 2020- June 2020
- ❖ **Senior High School Part-time Chemistry Instructor** (De La Salle University Dasmarias), August 2018- December 2018

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**AWARDS, SCHOLARSHIPS AND GRANTS RECEIVED**

- ❖ Academic Scholarship, Accelerated Science and Technology Human Resource Development Program, Department of Science and Technology- Science Education Institute, 2015-2018
- ❖ Santo Tomas Scholar (Academic Scholar), Office of Student Affairs (UST), 2010-2012

## RESEARCH INTERESTS

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- ❖ Poly-microbial communication systems and network theory
- ❖ Ecological dynamics of marine microbes and their cognate viruses
- ❖ Application of sociobiology (social evolution theory) in phage ecology
- ❖ Microbiome and brain
- ❖ Antibiotic resistance and pollution

## MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

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- ❖ Philippine Society for Microbiology, Regular Member, 2016-present
- ❖ Philippine National Red Cross Manila Chapter, Member, 2012-2013

## PUBLICATION/S

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- ❖ Dela Cruz-Papa, D.M., Baquiran, J.M., Pineda, C.J., **Susi, L.C.** & Papa, R.D. (2017). The treatment of motile Aeromonas septicemia in Nile Tilapia (*Oreochromis Niloticus*) using phage cocktail therapy with notes on the isolation and description of a novel phage B614. *Philippine Agricultural Scientist*, 100 (3), 324-331.

## PAPERS / POSTERS PRESENTED

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- ❖ **Susi, L.C.** & Maningas, M.B.B., The forgotten cure: phage biocontrol for *Vibrio parahaemolyticus*, 2018 NRCP Annual Scientific Conference and 85th General Membership Assembly, National Research Council of the Philippines. **(Poster presenter)**
- ❖ Baquiran, J.M., Pineda, C.J., **Susi, L.C.**, dela Cruz-Papa, D.M.D. & Papa, R.D.S., Aquaculture Antibiotherapy Alternative: Bacteriophage Cocktail Therapy for Motile Aeromonad Septicemia infected *Oreochromis niloticus* (Tilapia), 36th Annual Scientific Meeting, National Academy of Science and Technology. **(Poster presenter)**

## CONVENTIONS / CONFERENCES / SEMINARS / WORKSHOPS ATTENDED

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- ❖ Genomic Epidemiology of Infectious Diseases, November 5 & 8, 2018, Institute of Biology Auditorium-University of the Philippines Diliman and Philippine Genome Center. **(participant)**
- ❖ QTL Mapping and Molecular Markers, August 31, 2018, Institute of Crop Science, University of the Philippines Los Baños. **(participant)**

- ❖ MedEureka Series, “Sex in Microbes: Horizontal Gene Sharing between Species, Population and Microbiome”, August 2, 2018, University of the Philippines Manila. **(participant)**
- ❖ Establishment and Management of BRCs/Biobanks: A case of KNRRC, July 17, 2018, National Institute of Molecular Biology and Biotechnology, University of the Philippines-Diliman. **(participant)**
- ❖ Basic LC/MS based Metabolomics and targeted compound analysis workshop, July 12-13, 2018, Institute of Biology, University of the Philippines-Diliman. **(participant)**
- ❖ DBS Lecture Series in Biology- Tilapia Infectious Diseases in Thailand: Research and Practice, May 8, 2018, Science Online Learning Environment Room, Main Building, University of Santo Tomas. **(participant)**
- ❖ 2018 NRCP Annual Scientific Conference and 85th General Membership Assembly (Theme: NRCP@85: Leading frontier Frontier Research: Policy Research for Legislation), March 15, 2018, Philippine International Convention Center. **(poster presenter)**
- ❖ Training course on Health Management for Shrimps, December 20, 2017, DOST PCAARD Innovation and Technology Center, Los Baños, Laguna. **(training support staff)**
- ❖ Philippine Society for Microbiology Cluster 2 Symposium (Theme: Microbiological Research Innovations in Agriculture, Industry and Environment for ASEAN Integration), March 12, 2016, Paz Adriano Theater, Miriam College **(delegate)**

## CHARACTER REFERENCES/ ACADEMIC REFEREES

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- ❖ **Professor Grecebio Jonathan D. Alejandro, Dr. rer. Nat**  
Principal Investigator, Thomasian Angiosperm Phylogeny and Biology Laboratory  
Research Center for Natural and Applied Sciences, University of Santo Tomas  
Email address: [gdalejandro@ust.edu.ph](mailto:gdalejandro@ust.edu.ph)
- ❖ **Professor John Donnie A. Ramos, Ph.D.**  
Principal Investigator, Immunology Laboratory  
Research Center for Natural and Applied Sciences, University of Santo Tomas  
Email address: [jaramos@ust.edu.ph](mailto:jaramos@ust.edu.ph)

❖ **Associate Professor Maureen B. Sabit, Ph.D.**

Curator, UST Herbarium

Department of Biological Sciences, University of Santo Tomas

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