

## EXPERT'S PROFILE

**Name of Grantee** : **Nomar E. Waminal, PhD**

**Area of Expertise** : Plant Science, Plant Genetics and Bioinformatics

**Inclusive Date of Contract as BSP Awardee** : December 1-20, 2019  
20 days (Short-Term engagement)

**Host Institution** : Philippine Genome Center  
University of the Philippines

**E-mail Address** : newaminal@syu.ac.kr



### EDUCATIONAL BACKGROUND

- PhD Plant Science (Crop Science and Biotechnology Program), Seoul National University, Korea 2017
- MS Life Science, Sahmyook University, Korea, 2012
- BS (Magna Cum Laude), Mountain View College, Philippines, 2005

### Professional Experiences

#### Research

**Postdoc researcher** (March 2018 - present)  
Chromosome Research Institute, Sahmyook University, Korea

**Postdoc researcher** (March 2017 – February 2018)  
Plant Genomics and Breeding Institute, Seoul National University, Korea

#### Teaching

**Adjunct Professor** (March 2017 – December 2018)  
(Research in Cytogenomics, Advanced Cytogenomics, Molecular Genetics, Directed Research)

#### To Be Accomplished as a BSP Awardee (Deliverables):

- Consultation with the faculty, researchers, and graduate students from the following institutions/topics:
  - a. National Institute of Molecular Biology and Biotechnology (NIMBB), UP College of Science, UP-PGC and nearby colleges on the Potentials of cytogenetics in biodiversity studies of Philippine endemic plants;
  - b. UP-PGC's DNA Sequencing Core Facility on Feasibility of establishing a molecular cytogenomic lab in the plant genomic division of PGC; and
  - c. PGC satellite facility in UP-Mindanao on the status of university/college facilities and skills of personnel to conduct plant molecular cytogenetics studies.

- Give lectures on Cytogenomics, Genomics and Importance of Bioinformatics and Cytogenetics in Plant Breeding, Conservation and Evolution in the Post-Genomic Era;
- Give a 3-day cytogenetic workshop at Central Mindanao University and Mountain View College to PGC researchers and students on basic and advanced plant cytogenetic techniques.
- Discuss results of coconut cytogenetics/FISH work with PGC for manuscript preparation