

EXPERT'S PROFILE

Name of Grantee : DENNIS NICUH B. LOZADA

Area of Expertise : Cell and Molecular Biology, Genomics
Genetics

**Inclusive Date of Contract as
BSP Awardee** : October 15 – November 13, 2019 (30 days)
Short-Term engagement

Host Institutions : University of the Philippines
Philippine Genome Center

Contact Details : den.lozada@wsu.edu.



EDUCATIONAL BACKGROUND

- Ph. D. Cell and Molecular Biology (Plant Breeding and Genetics), University of Arkansas, Fayetteville AR, USA (2018)
- B.S. Biology, University of the Philippines Los Baños (2010)

WORK EXPERIENCE

- **Post-doctoral Research Fellow (2018 - Present)**
Winter Wheat Breeding, Genetics and Genomics
Crop and Soil Sciences Department
Washington State University, USA
- **Graduate Research Assistant and Monsanto Beachell-Borlaug Fellow (Aug 2013- Jul 2018)**
Crop, Soil and Environmental Sciences
University of Arkansas, USA
- **Visiting Research Scientist (Feb 2017-Aug 2017)**
Wheat Molecular Breeding Laboratory
International Maize and Wheat Improvement Center, Mexico
- **Researcher -Genetics (May 2010 – Jul 2013)**
Molecular Marker Applications Laboratory
Plant Breeding, Genetics and Biotechnology Division
IRRI, Los Baños, Laguna

To be accomplished as BSP Awardee:

- Assist PGC's Coconut Genomics Program in collaboration with UP Los Baños – Institute of Plant Breeding through conduct of consultation meeting with program implementers

- Assist the project “Establishment of Genomics Consortium and Core Facility in Mindanao” for the following activities:
 - a. Training of at least 10 personnel on basic genomics
 - b. Formulation of a concept paper on the applications of genomics and genetics in agriculture
 - c. Conduct of orientation on graduate study abroad to at least 50 students/researchers
- Conduct seminars/lectures on the use of association mapping and genomic selection for crop improvement, and concepts and applications of genetic mapping and selection approaches in plant breeding and genetics
- Conduct training/demonstration on genomic selection as breeding and selection for crop improvement