

EXPERT'S PROFILE

Name of Grantee : **NIKKI HEHERSON A. DAGAMAC, Dr.rer.nat**
Area of Expertise : **Biological Sciences, Biodiversity Research**

Inclusive Date of Contract as BSP Awardee : **Short-Term engagement**
July 1 – August 4, 2018
January 7 – February 10, 2019

Host Institution : **University of the Southern Mindanao**



EDUCATIONAL BACKGROUND

- **Doctor of Natural Sciences (Dr. rer. nat) (major in Biology (Ecology & Evolution))** – Magna cum laude, Deutscher Akademischer Austauschdienst (DAAD) Scholarship, Institute of Botany and Landscape Ecology, Ernst Moritz Arndt, Universität Greifswald D- 17487, Greifswald, Germany , 2016
- **Master of Science major in Biological Sciences (M.Sc.)**, University of Santo Tomas, España, Manila, 2010
- **Bachelor of Science in Biology**, University of Santo Tomas, España, Manila, Philippines, 2008

PROFESSIONAL EXPERIENCE

- Oct 2016-Present **Scientific Assistant / Wissenschaftlicher Mitarbeiter**
Allgemeine und Spezielle Botanik Gruppe,
University of Greifswald, Germany
- Nov 2010 – Mar 2012 **Instructor 3**
Department of Natural Sciences, College of Nursing
University of Santo Tomas, España, Manila, Philippines
- June 2010 – Mar 2012 **Assistant Professor 3 /**
- Nov 2009 – Mar 2010 **Lecturer**
Department of Biological Sciences
Centro Escolar University, Mendiola, Manila, Philippines
- July 2008 – Dec 2008 **Research Assistant**
UST – Collection of Microbial Strains (USTCMS)
Research Center for the Natural and Applied Sciences
University of Santo Tomas, España, Manila, PHILIPPINES

TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Field work planning and development/drafting of field methodologies for a biodiversity project
2. Lectures/Workshop
3. Concepts on biodiversity, biodiversity measurements and estimations, Hands-on computer workshop for ecological modelling
4. DNA barcoding and its application of molecular techniques in biodiversity research and practical laboratory training in molecular techniques (extraction, amplification, post PCR)
5. Course on bioinformatics pipelines for analyzing and interpreting DNA sequence data
6. Research Writeshop on drafting a biodiversity research conducted during the last year (2018)