

## EXPERT'S PROFILE

**Name of Grantee** : **Dr. Concepcion A. Remoroza**  
**Area of Expertise** : **Biochemistry and Enzymology**  
**Inclusive Date of Contract as BSP Awardee** : **Short-Term Program**  
Phase I 15 Nov – 15 Dec 2015 (30 days)  
Phase II 04 Jan – 03 March 2016 (60 days)  
**Host Institutions (WMSU)** : **Western Mindanao State University**  
**Institute of Chemistry – UP Diliman**  
**E-mail Address** : [connieremoroza@hotmail.com](mailto:connieremoroza@hotmail.com)



### EDUCATIONAL BACKGROUND

- **PhD Chemistry**, 2013, Wageningen University, Wageningen, The Netherlands
- **MS Biotechnology**, 2008, Wageningen University, Wageningen, The Netherlands
- **BS Chemical Engineering**, 1993, Mapua Institute of Technology, Philippines

### WORK EXPERIENCES

- 2013 - 2014 **Wageningen University, Wageningen, The Netherlands**  
Research Scientist
- 2008 - 2009 **Dyadic Nederland, Wageningen, The Netherlands**  
Junior Science Researcher
- 1995 - 2006 **Western Mindanao State University (WMSU)**  
Chemistry Lecturer

### TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Peer consultation and planning
2. In-house lectures on carbohydrate chemistry, protein enzyme chemistry, 2<sup>nd</sup> generation bioethanol, biomass conversion, enzyme purification and characterization methods, liquid chromatography and mass spectrometry techniques and data analysis
3. Conduct workshop on extraction of pectinases from plant materials
4. Research proposal on utilization of improved grain meal-based animal feeds
5. In-house lectures on characterization of carbohydrate chemistry, protein enzyme chemistry, 2<sup>nd</sup> generation bioethanol, biomass conversion, enzyme purification and characterization methods, liquid chromatography and mass spectrometry techniques and data analysis
6. Small-scale fermentation and enzyme technology laboratory set-up
7. Manual for protocols/methods for enzyme assays from microorganisms
8. Manual for carbohydrate extraction from plant based-materials and analytical techniques
9. Research proposals on bioplastic, Collaboration between IChem, WMSU and other universities