

EXPERT'S PROFILE

Name of Grantee: DR. MYRNA O. NISPEROS
Area of Expertise: Chemistry, Food Science, Edible Coating
Inclusive Date of Contract as BSP Awardee: Short-Term Program
15 April – 13 July 2016 (90days)
Host Institution: Polytechnic University of the Philippines (PUP)
E-mail Address: myrna.nisperos@gmail.com



EDUCATIONAL BACKGROUND

Ph.D. in Food Chemistry, Louisiana State University, USA
Master of Food Technology, Massey University, New Zealand
BS Food Technology, UP Los Baños

WORK EXPERIENCES

2012 - present	San Miguel Corporation Project Leader
	Zambat Mining Corporation Consultant
1995 - 2011	MM Foods Pty Ltd, Melbourne, Australia Managing Director
2005 - 2010	Victoria University of Molecular Sciences, Werribee, Victoria, Australia Sessional Lecturer
2001 - 2002	Food Science Australia, Melbourne, Australia Consultant
1994 - 1995	Food Science Australia, Melbourne, Australia Senior Food Scientist
1988 - 1994	Agricultural Research Service, US Dept. of Agriculture, Florida, USA Research Chemist
1984 - 1987	Department of Food Science, Louisiana State University, USA Graduate Research Assistant
1976 - 1984	Institute of Food Science and Technology, UPLB Instructor

TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Lectures and seminars on edible films & coating and biodegradable packaging
2. Product development and laboratory experiments & test
 - Standardized edible coating and protocol for each fruit
 - Edible coated fruits ready for technology transfer to farmers and/or SMEs
 - Application of hemicellulose-chitosan nanocomposite to mango and banana
3. Preparation of papers for application to intellectual property registration
4. Preparation of research paper/s for publication in an international refereed journal