

## EXPERT'S PROFILE



**Name of Grantee** : **EVANGELINE C. ALOCILJA**  
**Area of Expertise** : Biosystems Engineering, Nanotechnology  
**Inclusive Date of Contract as BSP Awardee** : Short-Term Program  
23 August – 30 September 2013 (3 months)  
**Host Institution** : National Institute of Molecular Biology and  
Biotechnology (BIOTECH)  
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## EDUCATIONAL BACKGROUND

- **Postdoctorate in Biosystems Engineering**, 1990, Michigan State University, USA
- **PhD in Systems Science/Electrical Engineering**, 1987, Michigan State University, USA
- **MS in Systems Science/Electrical Engineering**, 1983, Michigan State University, USA
- **MS in Soil Chemistry/Plant Pathology**, 1981, University of the Philippines, Philippines
- **BS Chemistry**, 1973, Silliman University, Philippines

## WORK EXPERIENCES

- 2011 – Present **Department of Biosystems and Agricultural Engineering, Michigan State University (MSU), USA**  
Full Professor
- 2009 – Present **Institute of International Health, College of Osteopathic Medicine, MSU, USA**  
Adjunct Professor
- 2005 – 2011 **Department of Biosystems and Agricultural Engineering, MSU, USA**  
Associate Professor
- 2003 – Present **Environmental Science and Policy Program, MSU, USA**  
Faculty
- 2002 – Present **National Food Safety and Toxicology Center, MSU, USA**  
Affiliate Associate Professor
- 2000 – 2005 **Biosystems Engineering, MSU, USA**  
Assistant Professor
- 1993 – 2000 **Department of Agricultural Engineering**  
Visiting Assistant Professor

**TO BE ACCOMPLISHED AS A BSP AWARDEE**

1. To facilitate in the progression of the BIOTECH-UPLB-PCIEERD project entitled "Development of DNA-based Nanobiosensors for Food and Environmental Applications"
2. To establish the field of nanotechnology in UP Los Baños and other universities in the Philippines
3. To facilitate researchers who are interested to work on nanotechnology
4. To help in evaluating graduate students who would like to work on biosensors
5. To facilitate in the establishment of graduate curriculum which includes nanotechnology in UP Los Baños