

EXPERT'S PROFILE



Name of Grantee : **Imee Su Martinez, Ph.D,**
Area of Expertise : Physical Chemistry
Inclusive Date of Contract as BSP Awardee : (Long-Term Program)
Aug. 2012 – Aug. 2015
Host Institution : Institute of Chemistry- UP Diliman
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EDUCATIONAL BACKGROUND

- **PhD in Chemistry**, University of Houston, Houston, TX, 2010
- **MS in Chemistry**, University of the Philippines, Diliman, Quezon City,
- **BS in Chemistry**, University of the Philippines, Diliman, Quezon City, 2000

PROFESSIONAL EXPERIENCES

- 2010-2011 **Post-doctoral Fellow**
Department of Chemistry
Northwestern University-Evanston
- 2006-2010 **Research Assistant**
Department of Chemistry
University of Houston
- 2005-2010 **Teaching Assistant**
Department of Chemistry
University of Houston
- 2003-2005 **Chemistry Instructor**
University of the Philippines
- 2002-2003 **Research Associate**
University of the Philippines
- 2001-2002 **Environmental Management Specialist**
Pollution Adjudication Board and hazardous Waste Management Section,
Environmental Management Bureau, DENR

To Be Accomplished as a BSP Awardee

1. To built a femtosecond harmonic generation microscope which will be housed at the National Institute of Physics;
2. To teach General Chemistry, Physical Chemistry and a graduate course on Surface Chemistry; and
3. To work on interfacial characterization studies including carbon capture technology development using ionic liquids, surface characterization of semiconductor, nanostructures and atmospheric chemistry.