

EXPERT'S PROFILE



Name of Grantee : **DR. ROMEL D. GOMEZ**

Area of Expertise : Nanotechnology and Molecular Biosensing

Inclusive Date of Contract as BSP Awardee : May 14-28, 2012 (1st Phase)
August 2-11, 2012 (2nd Phase)

Host Institution : University of the Philippines –Diliman
College of Engineering

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EDUCATIONAL BACKGROUND

- PhD in Physics, University of Maryland at College Park, 1990
- MS in Physics, University of Maryland at College Park, USA, 1987
- MS in Physics, Wayne State University, Michigan, USA, 1984
- BS in Physics, University of the Philippines, 1980

WORK EXPERIENCE

- **Jul 2006** - **Professor of Electrical and Computer Engineering**
Current University of Maryland at College Park
- **Jul 2001** - **Associate Professor**
Jul 2006 Department of Electrical Engineering
University of Maryland at College Park
- **Aug 1996** - **Assistant Professor**
Jun 2001 Department of Electrical Engineering
University of Maryland at College Park
- **1992** - **Assistant Research Scientist**
1996 Department of Electrical Engineering
University of Maryland at College Park
- **1990** - **Faculty Research Associate**
1992 Department of Electrical Engineering
University of Maryland at College Park

To be accomplished as BSP Awardee:

1. Spearhead the institution's collaborative effort on VISSER (Versatile Instrumentation System for Science Education and Research) and conduct the prototype development workshop;
2. Come up with laboratory modules that address the needs of Philippine educational setting. A set of at least a dozen novel experimental modules of various science courses and includes hardware, software and documentation; and
3. Formulation of an organizational management team for professional product development that will be fully developed and deployment ready systems which will be available within one year after the prototype workshop.