

EXPERT'S PROFILE



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

Area of Expertise : Physics

Inclusive Date of Contract as BSP Awardee : 01 – 20 August 2008 (1st Phase)
July 2009 (2nd Phase)

Host Institution : University of the Philippines -Diliman

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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:

- Teach advanced courses on biosensing and nanotechnology to advance graduate students and interested faculty;
- Explore collaborative research opportunities between research groups at U.P. Diliman, U.P. Los Baños and University of San Carlos on the general areas of protein sensing using electronic systems and fabrication and analysis of nanomaterials.
- Give lectures, seminars and research discussions in the College of Science in UP Diliman.
- Serve as panel member in thesis and candidacy exams.