

EXPERT'S PROFILE

Name of Grantee : ZORAIDA P. AGUILAR
Area of Expertise : Nanobiosensors
Inclusive Date of Contract as BSP Awardee : Short-Term Program
29 January – 26 February 2013 (4 weeks)
Host Institution : Ateneo de Manila University (AdMU)
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EDUCATIONAL BACKGROUND

- **PhD Analytical Chemistry**, 2002, University of Arkansas, Fayetteville, Arkansas, USA
- **MS Biochemistry and BS Chemistry**, 1984, University of the Philippines, Diliman, Philippines

WORK EXPERIENCES

- 2012 – Present **Ocean Nanotech, LLC, Springdale, Arkansas, USA**
Consultant
- March – August 2012 **Covance Laboratories, Inc., Chantilly, Virginia, USA**
Study Director/Principal Investigator
- 2010 – 2012 **Ocean Nanotech, LLC, Springdale, Arkansas, USA**
Director for R&D
- 2008 – 2010 **Ocean Nanotech, LLC, Springdale, Arkansas, USA**
Senior Scientist
- 2006 – 2008 **Vegrandis, LLC, Fayetteville, Arkansas, USA**
Chief Technology Officer
- 2003 – 2006 **Vegrandis, LLC, Fayetteville, Arkansas, USA**
Senior Scientist
- 2002 – 2003 **University of Cincinnati, Cincinnati, Ohio, USA**
Postdoctoral Research Associate
- 1999 – 2002 **University of Arkansas, Fayetteville, Arkansas, USA**
Research Assistant

- 1998 – 1999 **University of Arkansas, Fayetteville, Arkansas, USA**
Teaching Assistant

- 1993 – 1998 **Tiger Records, Quezon City, Philippines**
Vice President for International Affairs

- 1988 – 1990 **Waseda University, Tokyo, Japan**
Research Fellow

- 1985 – 1993 **University of the Philippines Manila, Philippines**
Assistant Professor

TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Research seminars and meetings
 - Research seminars at academic institutions: Ateneo and other institutions, meet with researchers. Some proposed topics include: research updates from industry perspective, trends and niche areas, and the IP situation in nanotechnology
 - Hands-on mentorship with research students
 - Seminars for industry: Unilab, Ayala Foundation (TBA), IP Office Philippines
 - Focused discussion with Nanotechnology Technical Panel (TBA)
 - Seminar for Chemistry Week (TBA)
 - Participation in 2nd ASTHRD-National Science Consortium Student Research Congress, Feb 22-23, 2013.

2. Workshop for teachers: (1 week)
 - Includes preparation for workshop: laboratory experiments, handouts, etc.