

EXPERT'S PROFILE



Name of Grantee : **DR. CLOVIA ISABEL Z. HOLDSWORTH**

Area of Expertise : Chemistry (Polymer Chemistry)

**Inclusive Date of Contract as:
BSP Awardee** : 04 - 29 January 2010 (Phase 1)
20 – 25 April 2010 (Phase 2)

Host Institution : Department of Chemistry
Ateneo de Manila University

E-mail Address : Clovia.Holdsworth@newcastle.edu.au

EDUCATIONAL BACKGROUND

- Ph.D. in Chemistry, Griffith University, Queensland, Australia, 1996
- M.S. in Chemistry, De La Salle University, Philippines, 1990
- B.S. in Chemistry, Silliman University, Philippines, 1983

WORK EXPERIENCE

- **2002 – 2006** - **Research Associate (Part-time)**
Discipline of Chemistry
The University of Newcastle, Australia
- **1997 – 2001** - **Academic Staff (Associate Professor)**
Department of Chemistry
De La Salle University – Manila
- **1996 – 1997** - **Academic Staff (Assistant Professor)**
Department of Chemistry
De La Salle University - Manila

To be accomplished as BSP Awardee:

1. Initiate collaboration on a new area of research - molecular imprinting, namely the development of processable, soluble MIPs for sensing applications. The development of soluble MIPs is essential especially when used as recognition element for fiber optic and organic field-effect transistor (OFET) sensors;
2. Contribute to the continuing science education program of the country by conducting lectures on MIPs and its applications and co-supervising a PhD student (Mr. Edwin Romano); and
3. Help prepare a research proposal on processable MIP for sensor application.