



EXPERT'S PROFILE

Name of Grantee : **DR. ALDWIN M. ANTEROLA**

Area of Expertise : Plant Physiology

Inclusive Date of Contract as BSP Awardee : May 13, 2009 – June 11, 2009
Short-Term Program

Host Institution : Institute of Chemistry
College of Arts and Sciences
University of the Philippines Los Baños

E-mail Address : anterola@plant.siu.edu

EDUCATIONAL BACKGROUND

- Ph.D. in Plant Physiology, Washington State University, Washington, USA, 2001
- BS in Agricultural Chemistry, University of the Philippines Los Baños, 1994 (*cum laude*)

WORK EXPERIENCE

- **2005 - present** - **Associate Professor**
Department of Plant Biology
Southern Illinois University
Illinois, USA
- **2003 – 2005** - **Assistant Research Professor**
School of Molecular Biosciences
Washington State University
Washington, USA
- **2001 – 2003** - **Assistant Scientific Editor, Phytochemistry**
- **1996 – 2001** - **Graduate Research Assistant**
Institute of Biological Chemistry
Washington State University
Washington, USA
- **1994 – 1995** - **Instructor**
Institute of Chemistry
University of the Philippines Los Baños
Los Baños, Philippines

To be accomplished as BSP Awardee:

- Set up collaborations on the use of biotechnology for natural products research
- Update local researchers on advances in metabolic engineering technologies
- Be able to teach students key principles in plant secondary metabolism
- Prepare collaborative proposals on medicinal plant research and/or biosynthesis of natural products
- Engage scientists in productive discussions leading to new insights into scientific problems
- Help better prepare students for scientific careers through workshops and discussions
- Explore simple, affordable and effective ways of screening for anti-cancer compounds