

EXPERT'S PROFILE

Name of Grantee : ROCHE C. DE GUZMAN, PhD
Area of Expertise : Biomedical Engineering
Inclusive Date of Contract
as BSP Awardee : 14 January - 15 February 2013
Host Institution : UP Institute of Chemistry
Email Address : rdeguzma@wakehealth.edu
roche0619@gmail.com

EDUCATIONAL BACKGROUND

PhD in Biomedical Engineering, Wayne State University, Detroit, MI, 2008
MS in Molecular Biology and Biotechnology, University of the Philippines, 2003
BS in Molecular Biology and Biotechnology, University of the Philippines, 1998

PROFESSIONAL EXPERIENCE

December 2008 - present **Postdoctoral Fellow**
Institute for Regenerative Medicine
Wake Forest University Health Sciences
Winston-Salem, NC

October - November 2008 **Part-time Faculty**
Department of Biomedical Engineering
Wayne State University
Detroit, MI

September 2003 - August 2008 **Graduate Research Assistant**
and Instructional Assistant
Department of Biomedical Engineering
Wayne State University
Detroit, MI

February 2000 - August 2001 **Research Assistant**
Research and Biotechnology Division
St. Luke's Medical Center, QC

July 1998 - December 1999 **University Research Assistant I**
National Institute for Molecular Biology and Biotechnology
University of the Philippines, QC

TO BE ACCOMPLISHED AS BS AWARDEE:

- a) Give lectures in Biomaterials and Scaffold Engineering at the UP-Institute of Chemistry;
- b) Give lectures on Controlled Drug delivery and Biocompatibility of materials;
- c) Give lectures on Stem Cells and Microencapsulation technology; and
- d) Give lectures on Tissue Engineering and Regenerative Medicine and the Use of Keratins in Bone Tissue Engineering.