

## EXPERT'S PROFILE



**Name of Grantee** : **DR. JAMES P. ABULENCIA**

**Area of Expertise** : Chemical and Biomolecular Engineering

**Inclusive Date of Contract as BSP Awardee** : June 21-July 22, 2012  
Short-Term Program

**Host Institution** : De La Salle University

**Contact Number** : (02) 536-0257/ (02) 524-4611 loc. 222

**E-mail Address** : james.abulencia@manhattan.edu

### EDUCATIONAL BACKGROUND

- PhD in Chemical and Biomolecular Engineering, The Johns Hopkins University, 2003
- BS in Chemical Engineering, Manhattan College, 1997
- Master Online Teacher Certificate, 2007

### PROFESSIONAL POSITIONS HELD

- 2007- Present  
Assistant Professor, Manhattan College  
Tutor, Department of Chemistry, University of Illinois Urbana-Champaign  
Teacher's Assistant, The Princeton Review
- 2004-2005  
Researcher, University of Illinois Department of Small Animal Surgery
- 1997-2003  
Researcher, Johns Hopkins University, Department of Chemical and Biomolecular Engineering

### To be accomplished as BSP Awardee:

1. Work on developing a patent on natural water filter;
2. Develop one new technology to be delivered in a rural community;
3. Conduct consultancies with Department of Health to obtain data on acquiring water borne diseases and analysis of post treatment disease acquisition; and
4. Conduct seminars on the results and accomplishments of the water filtration project.