

## EXPERT'S PROFILE



**Name of Grantee** : **DR. FIORELLO B. ABENES**

**Area of Expertise** : Animal Science

**Inclusive Date of Contract as BSP Awardee** : Short-Term Program  
(16 March-28 June 2010)

**Host Institution** : Mariano Marcos State University

**E-mail Address** : lbabenes@csupomona.edu

### EDUCATIONAL BACKGROUND

- MBA (in progress), CalPoly University Pomona
- PhD in Animal Science, University of Connecticut, 1975
- MS in Animal Industries, University of Connecticut, 1971
- BS in Agricultural Education, Central Luzon State University, 1969

### PROFESSIONAL POSITIONS HELD

- October, 2007 – January, 2008  
Visiting Professor, Central Luzon State University
- 2004 – 2006  
Financial Consultant
- 1986 to 2004  
Professor of Animal and Veterinary Sciences, CalPoly University
- 1984 to 1986  
Animal Science Faculty Member at Olds College
- 1979 to 1974  
Regional Swine Specialist, Alberta Agriculture
- 1977 to 1979  
Production Coordinator and Reproductive Physiologist, Cargill Hybrid Swine.
- 1975 to 1977  
Assistant Professor of Dairy Science, University of the Philippines at Los Banos
- 1969 to 1975  
Teaching and Research Assistant, University of Connecticut Department of Animal Industries

### To be accomplished as BSP Awardee:

1. Optimize conditions for the single-stage consolidated bio-process of producing ethanol using rumen fluid;
2. Improve the ARAC distiller (developed by Dr. Abenes and MMSU team to increase ethanol concentration before it is subjected to reflux distillation equipment);
3. Testing of reflux distillation equipment capable of producing fuel-grade ethanol; and
4. Produce and characterize fuel-grade ethanol.