



EXPERT'S PROFILE

Name of Grantee : **ZENaida V. MAGBANUA, PhD**
Area of Expertise : Genomics, Biocomputing, and Biotechnology
Inclusive Date of Contract as BSP Awardee : Short-Term Program
17 - 23 July 2012 (Phase 1)
21 May - 13 June 2013 (Phase 2)
Host Institution : IPO Philippines
Email Address : zvm2@pss.msstate.edu

EDUCATIONAL BACKGROUND

PhD in Biochemistry and Molecular Biology, Mississippi State University, 2004
MS in Crop and Soil Sciences, The University of Georgia, 1999
BS in Chemical Engineering, University of the Philippines, 1982

PROFESSIONAL EXPERIENCE

2010 - present **Assistant Research Professor**
Institute of Genomics, Biocomputing and Biotechnology
Mississippi State University

2004 - 2010 **Postdoctoral Associate**
Department of Plant and Soil Sciences
Mississippi State University

2001 - 2004 **Graduate Research Assistant**
Department of Biochemistry and Molecular Biology
Mississippi State University

1999 - 2001 **Graduate Research Assistant**
Department of Botany
The University of Georgia

1996 - 1999 **Graduate Research Assistant**
Department of Crop and Soil Sciences
The University of Georgia

1994 - 1996 **Agricultural Research Assistant III**
Department of Crop and Soil Sciences
The University of Georgia

1991 - 1994	Research Assistant II
1990 - 1991	Research Assistant I Department of Cell Biology Vanderbilt University Medical Center Nashville, TN
1989 - 1990	Laboratory Technician Elnic, Inc. Nashville, TN
1988 - 1989	Senior Science Research Specialist Philippine Council for Advanced Science and Technology Research and Development Department of Science and Technology Taguig, Metro Manila
1986 - 1988	Patent Examiner II
1984 - 1986	Patent Examiner I
1983 - 1984	Patent Researcher Bureau of Patents, Trademarks, and Technology Transfer Metro Manila

TO BE ACCOMPLISHED AS BS AWARDEE

- Conduct lectures and discussions on Biology and Genetic concepts, and special topics relevant to Patentability Requirements;
- Conduct lectures and workshops on web-based information and tools; and
- Conduct lecture and laboratory training on DNA extraction, polymerase chain reaction, enzyme digestion, gel electrophoresis, etc.