

## EXPERT'S PROFILE

**Name of Grantee** : **DR. NORA LYSSA V. LAPITAN**

**Area of Expertise** : Plant Molecular Genetics

**Inclusive Date of Contract as BSP Awardee** : Phase 1: July 16-30, 2009  
Phase 2: June 2010  
Short-Term Program (Non-Continuous)

**Host Institution** : Institute of Biological Sciences  
University of the Philippines-Los Baños



## EDUCATIONAL BACKGROUND

- PhD in Genetics, Kansas State University, 1986
- MS in Genetics, Kansas State University, 1983
- BS in Biology, University of the Philippines-Los Baños, 1978

## WORK EXPERIENCE

- **2002 – present** - **Full Professor**  
Department of Soil & Crop Sciences  
Colorado State University
- **1999 – present** - **Faculty of the Cell Molecular Program**  
Colorado State University
- **1995 – 2002** **Associate Professor**  
Department of Soil & Crop Sciences  
Colorado State University
- **1989 – 1995** - **Assistant Professor**  
Department of Agronomy  
Colorado State University
- **1986 – 1989** - **Postdoctoral Associate**  
Department of Plant Breeding & Biometry  
Cornell University
- **1981 – 1986** - **Graduate Research Assistant**  
Department of Agronomy  
Kansas State University
- **1978 – 1981** - **Instructor**  
Department of Life Sciences  
University of the Philippines-Los Baños

## SABBATICAL

- **Aug 1997–Jan 1998** - **Cornell University**, Ithaca, NY (Host:Dr. Steve Tanksley)
- **Aug 2006–Dec 2006** - **University of Pretoria**, South Africa (Host:Dr. Anna-Maria Botha)

## HONORS & AWARDS

- **2008** - **Crop Science Society of America Fellow**
- **2006** - **Travel Award**, University of Pretoria, South Africa
- **2003** - **Certificate of Appreciation** for contributions to the internationalization of the campus and community, Colorado State University
- **2000** - **Leadership Development Award**, Fred & Ruth Allen Foundation

- **1997** - **Leadership Development Award**, Department of Soil & Crop Sciences, Colorado State University
- **1992** - **Travel & Training Award**, Provost's Office, Colorado State University
- **1988** - **United Nations TOKTEN Award** (Transfer of Knowledge Through Expatriate Nationals)

## **MEMBERSHIP IN PROFESSIONAL & HONORARY SOCIETIES**

American Society of Agronomy  
 American Association for the Advancement of Science  
 Crop Science Society of America  
 Entomological Society of America  
 Sigma Xi

### **To be accomplished as BSP Awardee:**

#### **Phase 1:**

1. Lectures on principles of genomics techniques;
2. Consultations to students, faculty and researchers at UPLB and other institutions on the application of genomics techniques for specific research questions of interest;
3. Visit biotechnology facilities and make assessments and recommendations;
4. Present research seminars showing applications of genomics to improve crops; and
5. Participate in teaching Molecular Biology courses to undergraduate and graduate students at IBS-UPLB.

#### **Phase 2:**

1. Lectures on selected genomics techniques including in-depth discussion of techniques introduced on first phase;
2. Consultations to students, faculty and researchers at UPLB and other institutions on the application of techniques for specific research questions of interest.
3. Visit biotechnology facilities and make assessments and recommendations; and
4. Present recent developments/updates and new applications in genomics.