



ZRC HIGHLIGHTS



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Faculty grantees present theses, dissertation

To provide a venue for bringing together educational planners, researchers, policymakers, and practitioners in higher education to discuss the results of graduate researches and to generate ideas on how to further research endeavors, the CHED-UPLB ZRC held a research colloquium on the CHED Thesis and Dissertation Grantees at the DA-BAR Network Building, UP Los Baños, March 2, 2007.

Four grantees were invited to present significant findings of their researches. All of them were UPLB faculty members. They were: Vermont P. Dia (Production and Characterization of Virgin Coconut Oil), Dennis V. Cantre (Furosine (C-N-2 furoylmethyl-L-lysine) as Index of Lethality in Thermally Processed Foods), Fermin P. Resurreccion, Jr. (Development, Fabrication, and Testing of a Low-Cost Device for Determining Process Schedule in Thermal Processing of Food), Vida Q. Carandang (Impact of Rainfall Acidity on the Germination and Early Seedling Growth of Three Forest Tree Species in Two Soils in Mt. Makiling, Philippines).

Dia, Cantre, and Resurreccion took up Master of Science in Food Science while Carandang graduated Doctor of Philosophy in Forestry.

Selected reactors were also invited to provide insights on the merit of the studies and give comments to improve the final output of the researches. They were: Dr. Fabian M. Dayrit (Dean, College of Science and Engineering, Ateneo de Manila University), Dr. Benjamin T. Molano (Senior Science Research Specialist, Food and Nutrition Research Institute, DOST), Dr. Aida B. Lapis (Supervising Science Research Specialist, Ecosystems Research and Development Bureau, DENR).



Fifteen participants from member HEIs and representatives from CHED-Office of Policy, Planning, Research and Information and CHED Regional Office IV-A witnessed the occasion.

Dia (left) while answering queries during the open forum and Cantre (upper right) during his presentation.



ZRC endorses new GIA grantees

The CHED-UPLB ZRC is endorsing six research proposals—four on Education, three on Environment and Natural Resources Management, and two in Socio-economics—for CHED's Grants-in-Aid (GIA) Year III funding.

The following are the approved proposals:

Socio-economics

Industry Analysis on Native Pig Production in Marinduque Province
-- Marinduque State College

Education

Faculty Workload Model for Higher Education Institutions in Region IV-A
-- De La Salle-Lipa
Enhancing San Pablo Colleges and Laguna University College of Education Teaching-Learning Environment
-- San Pablo Colleges and Laguna University

Environment and Natural Resources

Management of Protected Areas and Conservation of Natural Resources in Oriental Mindoro for Sustainable Development
-- Divine Word College of Calapan

Sustainable Resource Management Project (SRMP) for Barangay Tongko, Tayabas, Quezon
-- Sacred Heart College-Lucena City (see page 2..)

Center hones GIA projects' staff

To enhance the statistical know-how and accounting capabilities of the eight potential CHED Grants-in-Aid (GIA) grantees, the CHED-UPLB ZRC held a training-workshop on Basic Statistical Models for Research and Research Budgeting at the DA-BAR Network Building, UP Los Baños, April 17-18, 2007.

Seven project staff attended the statistical training (first day) which was handled by Prof. Roselle V. Collado, Director of the Institute of Statistics in UPLB.

The training consisted of the following sub-topics: Introduction, Basic Concepts and Definitions, Statistical Inference, Types of Samples and Probability Sampling Methods, Basic Concepts in Statistical Inference, Methods of Data Collection, Forms of Interview, Sample Size Determination, Questionnaire Construction, Analysis and Interpretation of Statistical Reports, Statistical Methods, Statistical Diagrams Statistical Tables .

Meanwhile, three accountants and two project proponents as representatives attended the research budgeting training (second day). The UPLB accounting staff led by Chief Accountant Ms. Joan C. Mendoza oriented the participants on UPLB's basic accounting rules and procedures on trust funds to which the GIA projects belong.

Financial Analyst Ms. Linda C. Mendoza of the UPLB-Office of the Vice-Chancellor for Research and Extension explained and demonstrated the preparation of the Advice of Sub-allotment—a paper requirement that states the breakdown of major expenses.



Prof. Roselle V. Collado (topmost) and the training participants (below) with Dr. Mario V. Perilla, ZRC Assistant Director, and technical staff.

ZRC endorses new GIA grantees.. from page 1

Comparative Analysis of Carbon Sequestration Potential of Mangium (*Acacia mangium* Wild.) and Bagalunga (*Melia dubia* Cav)
-- Western Philippines University

Together with two other researches from Ateneo de Naga University and Camarines Sur State Agricultural College, the papers shall tentatively start on June 2007 with a total budget of PhP 2,558,663.78 as being requested from CHED.

To ensure the efficient conduct of the researches, the Center introduces the concept of *mentors*—the ones who shall assist the project proponents in all aspects of their researches like consultants but at the same time as monitors of the ZRC on the development of the studies assigned to them.

After the call, nine research proposals from eight member HEIs were received by the Center. The six proposals which passed the initial screening were then invited for presentation and evaluation before the GIA Pool of Technical Experts at the DA-BAR Network Building, UP Los Baños on November 13, 2006.

Dr. Carolina Santillana, the director of the Institute of Community Education of the College of Public Affairs-UP Los Baños joins the pool which initially consisted of Dr. Enrico P. Supangco, ZRC Program Director, and Dr. Salcedo L. Eduardo, a professor at the College of Veterinary Medicine-UP Los Baños.

CHED to support UPLB papers in international research cons Center finances research papers, posters in national level

The CHED-UPLB ZRC endorsed five researches for the CHED Support for Paper Presentations in International Conferences and provided financial assistance to two papers in different research symposia within the country.

The endorsed paper presentations for international conferences were the following:

Forest restoration through mycorrhizal technologies: The case of Bukidnon Forest Industries, Inc. Philippines, and Agro- forestry as a strategy for landscape restoration in the Philippines: Some Impacts, Challenges, and Recommendations

both by Dr. Nelly S. Aggangan,
International Conference on Forest Landscape Restoration
COEX Convention Center, Seoul, South Korea, May 14-19, 2007

Dynamics of Conflicts and Cooperation for Group Stability among Selected Cooperatives in Region IV, Philippines

Dr. Emilia S. Visco,
2007 International Conference on Social Sciences
Honolulu, Hawaii, May 30-June 2, 2007

Bounds on the Minimum Homogeneous Distance of the p^r-ary of Linear Block Codes over the Galois Ring GR(p^r,m), and Agro- forestry Quarternary Convolutional Codes from Linear Block Codes over Galois Rings

both by Dr. Virgilio P. Sison,
2007 International Symposium on Information Theory
Nice, France, June 24-29, 2007

The grant shall cover registration fee, roundtrip economy airfare to foreign country where the conference will be held, and \$100 per diem duration of the conference plus one day.

Bartolome, Capunitan receive CHED-HEDF-FDP thesis grants

In CHED's effort to develop the academic qualifications of tertiary faculty to masters and doctorate degree levels in order to improve the Philippine higher education, it developed the Faculty Development Program—a major component of the six-year Higher Education Development Project (HEDF).

The project grants scholarships for thesis/non-thesis master's and doctorate programs to be undertaken on campus/via distance learning on a full/part-time basis where scholars are expected to continue teaching in their respective institutions while on part-time study and after completion of the degree.

CHED-UPLB ZRC disseminates, recommends, and endorses faculty to the Faculty Development Program. Currently, it has assisted two faculties who are pursuing master's degrees in UP Los Baños. These are Ms. Kathlyn Bartolome Cruz, MS in Veterinary Medicine and Ms. Jewel A. Capunitan, MS in Chemical Engineering.

Bartolome is a faculty of Cagayan State University in Tuguegarao. At present, she is working on her thesis entitled, "Detection of Anthelmintic resistance for Benzimidazoles in Selected Goat (*Capra hircus* Linn.) Farms in Cagayan Valley by Larval Development Assay and Allele-Specific Polymerase Reaction." On the other hand, Capunitan is an Instructor 5 at the College of Engineering and Agro-industrial Technology in UP Los Baños. As of writing, the Center has been processing her Certification of Employment as a requirement for the thesis grant.

Perilla monitors MMSU research on Agri-SMEs

Dr. Mario V. Perilla, Assistant ZRC Program Director and Executive Director, APEC Center for Technology Exchange and Training for Small and Medium Enterprises (ACTETSME) visited the CHED-UPLB @ MMSU on February 11-12, 2007 to establish the validity of the GIA midterm report (Strengthening Strategies of Agri-Based Tourism Micro, Small and Medium Enterprises (Chicharon, Basi and Vinegar) in Region I) submitted by Dr. Angelita Tagay and Prof. Leah Ballesteros, the project proponents. Dr. Miriam E. Pascua, MMSU president also attended the presentation of research outputs.

Supangco keynotes CHED-ZRC LSU regional seminar-workshop

Dr. Enrico P. Supangco, ZRC Program Director, was invited as keynote speaker by Dr. Angela Almendras-Ferraren, ZRC Director at Leyte State University on "The Role of HEIs in Agricultural Technology Generation and Extension," during the regional seminar-workshop entitled, "Agricultural Technologies in Eastern Visayas: The Roles of Institutions and Impacts on Its Users", held at the ISRDS AV Room, LSU, Baybay, Leyte, April 24-25, 2007.



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