

CHED-ADNU Program Cluster Implementer

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National Conference on the Status of Research
in Higher Educational Institutions

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Outline

- 1 BACKGROUND
- 2 ACTIVITIES AND OUTPUT
- 3 INSTITUTIONAL TRENDS
- 4 FINAL THOUGHTS

Background – ZRC and PCI

- Bicol University
 - Region V Zonal Research Center
 - Director, Dr. Noly Mascariñas
- Ateneo de Naga University
 - Program Cluster Implementer in the areas of Information Technology and Business Economics
 - Director, Dr. Allan Sioson

Background – Number of Schools Offering related programs

- Information Technology Programs
 - Master of Information Technology: 2
(Ateneo de Naga U, Aemilianum College)
 - Master of Computer Science: 2
(Ateneo de Naga U, Aemilianum College)
 - BS Computer Science: 16
 - BS Information Technology: 7
 - BS Information Systems/Information Management: 4
- Business Economics Programs
 - Master of Business Administration, Major in Business Economics: 1
(Aquinas University of Legazpi)
 - BS Business Administration, Major in Business Economics: 4
(Aquinas U, Ateneo de Naga, St. Louise de Marillac College of Sorsogon, Divine Word College of Legazpi)

Activities

- 2009:
 - IT Research Capability Meeting: 20 pax, 7 sch (Nov)
 - IT Research Proposal Writing Workshop: 6 pax, 5 sch (Dec)
 - Business Economics Capability Meeting: 38 pax, 11 sch (Dec)
 - IT – Image Processing Workshop: 34 pax, 17 sch (Dec)
- 2010:
 - Business-Eco Research Proposal Writing Workshop: 9 pax, 4 sch (Feb)
 - Support for Conferences: National Conference on IT Education (Oct), Mindanao Conference on Issues in Development (Nov), International Conference on Biodiversity and Climate Change (Nov)
 - Research Proposal Processing (Jan–Dec)
- 2011:
 - Organized Philippine Computing Science Congress (PCSC 2011, Mar)
 - Support for Workshop on Adaptive Learning Technologies: 3 pax (Mar)
 - Support for Conference: PCSC2011, 9 pax (Mar)
 - Research Proposal Processing (Jan–Dec)
 - Research Presentation: Zero-Waste Management (Jun)

Funded Projects – GIAs

- **Solid Waste Characterization and Waste Conversion to Financial Resource for Zero Waste Practice of Universidad de Sta. Isabel: Prototyping a Zero Waste Generation in the Bicol Region**, Roger T. Magdaraog, Universidad de Sta. Isabel, P206,800.00 (Final stage)
- **Receptiveness and Preparedness of Science Teachers in Sorsogon City to Utilize Computer-Assisted Instruction**, Maria Rosalyn P. Salva, Aemilianum College, P199,858.50
- **The Handicraft Industry in Camarines Sur: Status, Challenges and Implications**, Dr. Nora Elizabeth F. Maniquiz, University of Nueva Caceres, P340,463.00

Projects being processed – GIAs

- **Curriculum Assessment Geared Towards Developing Entrepreneurs: A Case Study Involving BSBA Entrepreneurship, BS Entrepreneurship and Business Management Honors Program Graduates of Ateneo de Naga University**, Dr. Maria Niña C. Howard, Ateneo de Naga University, P229,304.25
- **Nonformal Businesses in Bicol: Status and Development**, Dr. Yolanda L. Castroverde, University of Nueva Caceres, P312,090.00

Institutional Trends

- Research published – resulting from the GIAs: 0
1st completed GIA (Magdaraog,USI) – on research article writing stage
- Research published in ISI or SCOPUS journals
 - ① 2010 : 1 paper : 1 citation
 - ② 2009 : 2 papers : 0 citations
 - ③ 2008 : 1 paper : 8 citations
 - ④ 2007 : 1 paper : 14 citations
 - ⑤ 2006 : 4 papers : 48 citations
 - TOTAL : 9 papers : 71 citations (excluding self-citations)
 - 7 Bioinformatics papers and 2 Theory papers (–)
 - Not resulting from CHED GIAs

NOTE: *This is possibly incomplete data.*

Institutional Trends – Concept of research

- Ideal
 - Research resulting to patents
 - Research resulting to publication in ISI/SCOPUS Journals
- Research resulting to publication in Peer-reviewed Journals (but not ISI/SCOPUS Journals)
- Research resulting to publication in other Journals
- Research resulting to presentation in conferences (Loc,Nat,Int)
- Other Research involvements:
 - Thesis/Dissertation advising (as panelist)
 - Research studies that lead to school policies (not necessarily published)
 - Research studies that lead to advocacies (not necessarily published)
 - Research studies that lead to publication in magazines
 - *Publication is not seen as an important research artifact*

Institutional Trends – Graduate schools

- Information Technology Related Programs (Non thesis)
 - Master of Information Technology
 - Master of Computer Science
- Business Economics Related Programs (Non thesis)
 - Master of Business Administration – Major in Business Economics

Non-thesis programs may not prepare the graduate students well to do research.

- For IT: 2 PhD holders in Bicol
 - A. Sioson, PhD in Computer Science and Applications
 - R. Atole, PhD in Information Technology

Limited number of mentors with PhDs

Final Thoughts

- Research endeavors of faculty in HEIs is limited
 - Standardize the operational meaning of research
- Integration of Research promoting policies in Graduate Programs
 - e.g., Requiring graduate students to present in research conferences (national or international)
 - e.g., Requiring graduate school faculty to do research and publish in reputable journals (before they can teach)
 - Graduate students – during weekends only; we need full time students
- Multi-author research papers
 - Promotes mentoring, transfer of expertise, transfer of passion to do research in specific area(s).
 - Win-win for the mentor and novice.
- ZRC / PCI programs
 - Band-Aid: Research Capability Programs
 - Organizing Local/National Conferences
 - Mentoring Programs – proposal, research proper, terminal reports, article writing, publication