DIRECTOR'S ORIENTATION

TW1/DW1:
Thesis/Dissertation Writing 1
AY 2015-2016, 1st TERM

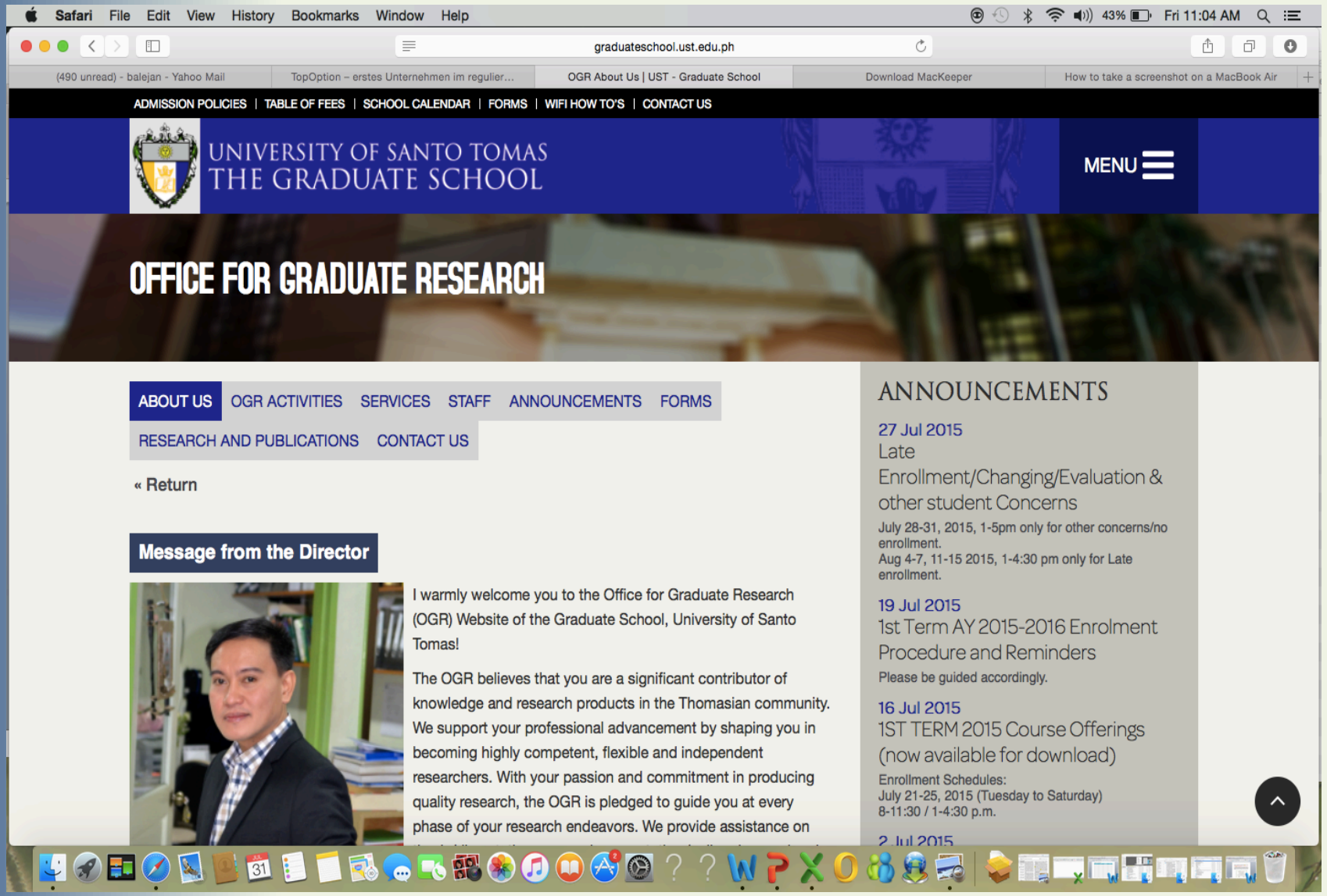
Grecebio Jonathan D. Alejandro, *Dr.rer.nat.*
Director, Office for Graduate Research
The Graduate School
University of Santo Tomas

OGR Team

Allan T. Megote
Thesis/ Dissertation
Proposal

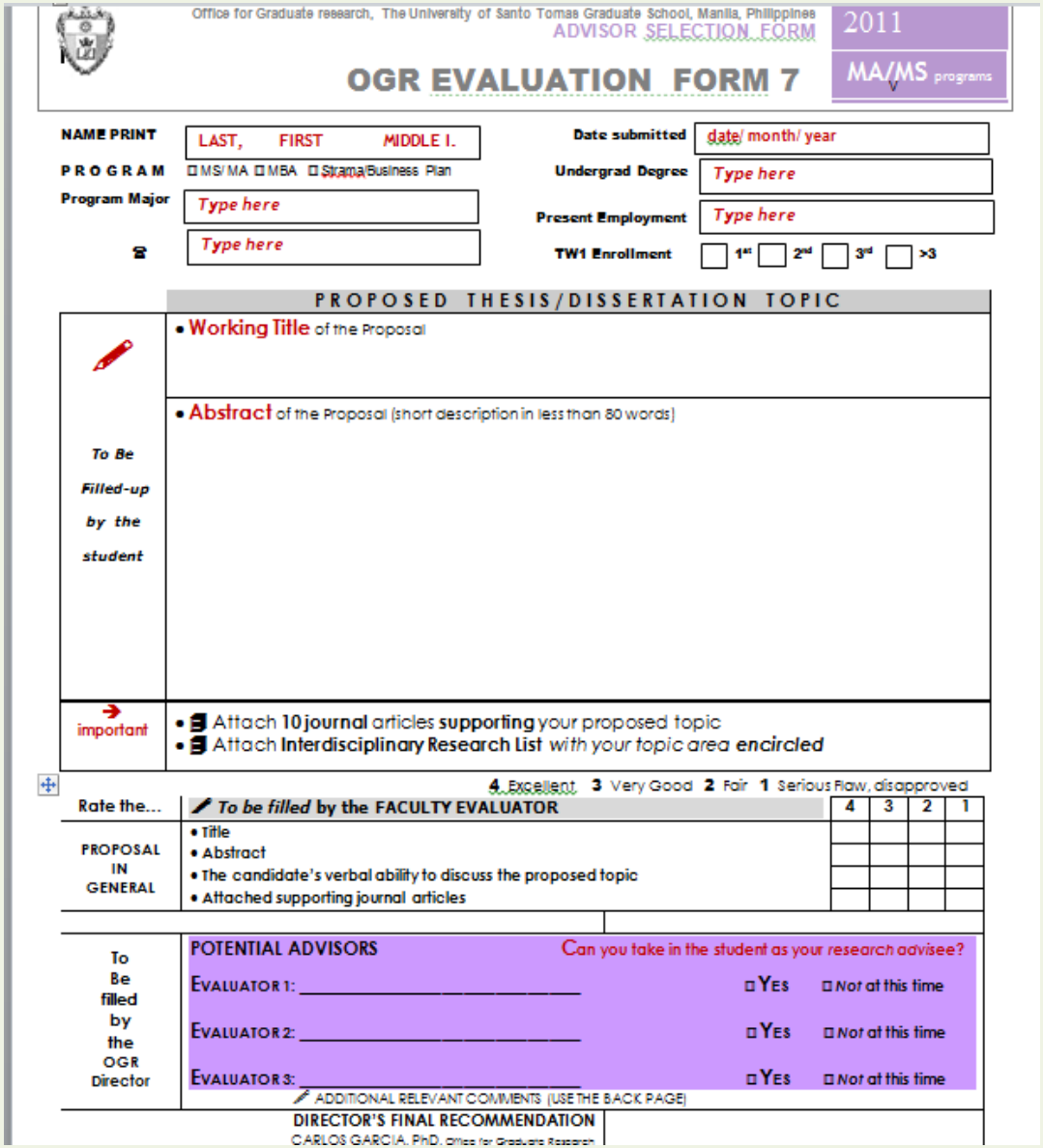
Rowena L. Batoon
Thesis/ Dissertation
Defense

Download all forms:



http://graduateschool.ust.edu.ph

Forms to Accomplish



Office for Graduate research, The University of Santo Tomas Graduate School, Manila, Philippines
ADVISOR SELECTION FORM
2011
MA/MS programs

OGR EVALUATION FORM 7

NAME PRINT: LAST, FIRST MIDDLE I.
PROGRAM: ☐ MS/ MA ☐ MBA ☐ Strama/Business Plan
Program Major: Type here
☎: Type here
Date submitted: date/ month/ year
Undergrad Degree: Type here
Present Employment: Type here
TW1 Enrollment: ☐ 1st ☐ 2nd ☐ 3rd ☐ >3

PROPOSED THESIS/DISSERTATION TOPIC

To Be Filled-up by the student

- Working Title of the Proposal
- Abstract of the Proposal (short description in less than 80 words)

important

- Attach 10 journal articles supporting your proposed topic
- Attach Interdisciplinary Research List with your topic area encircled

4 Excellent 3 Very Good 2 Fair 1 Serious Flaw, disapproved

Rate the...	To be filled by the FACULTY EVALUATOR	4	3	2	1
PROPOSAL IN GENERAL	• Title				
	• Abstract				
	• The candidate's verbal ability to discuss the proposed topic				
	• Attached supporting journal articles				

To Be filled by the OGR Director

POTENTIAL ADVISORS — Can you take in the student as your research advisee?

EVALUATOR 1: _____ ☐ YES ☐ Not at this time

EVALUATOR 2: _____ ☐ YES ☐ Not at this time

EVALUATOR 3: _____ ☐ YES ☐ Not at this time

ADDITIONAL RELEVANT COMMENTS (USE THE BACK PAGE)

DIRECTOR'S FINAL RECOMMENDATION

CARLOS GARCIA, PhD, Office for Graduate Research

Form #21 for MS/MA
Form #22 for PhD/EdD/DCL

Thesis/Dissertation Writing 1

The Research Proposal

Graduate Research: Preliminaries

The candidate has convinced the panel of examiners that he/she has:

- A thorough understanding of the relevant research techniques
- Competency in a field of choice
- The capacity to critically evaluate RESULTS

Master's Degree Candidate

Graduate Research: Preliminaries

Doctorate students MUST:

- Have INDEPENDENCE of thought and approach

- Work on a dissertation which is SIGNIFICANT and an ORIGINAL contribution to the ADVANCEMENT of knowledge frontiers

Doctorate Degree Candidate

Graduate Research

Primary Considerations

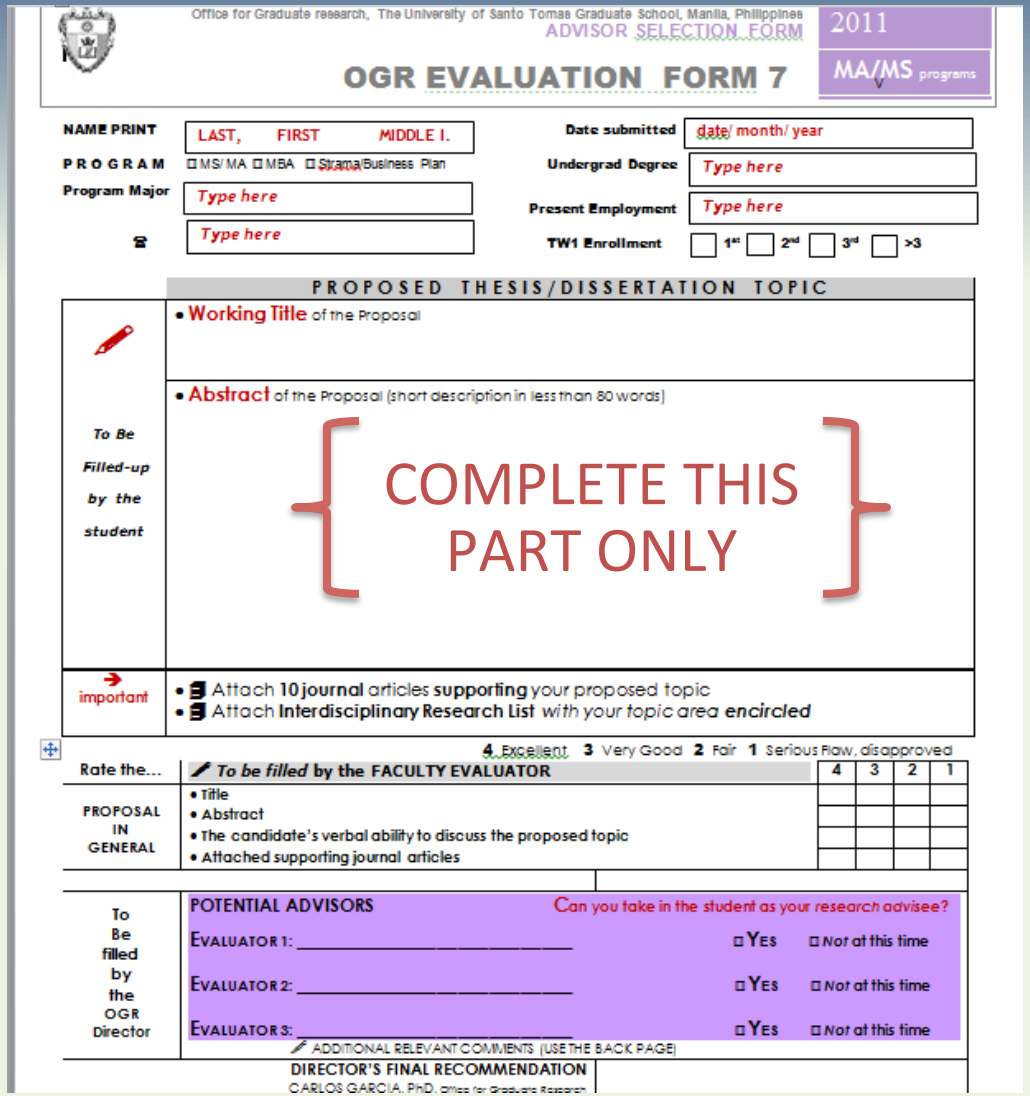
- **Research Topic**
- **Research Advisor**
- **Research Proposal**
- **Academic Requirements**
- **Graduate Seminars**
- **GS Professional Services**

Research Topic Selection & Approval Process

ATTACH AT LEAST 20 JOURNAL ARTICLES RELATED TO THE PROPOSED TOPIC

Do not fill these out

Endorsed by your TW1/DW1 Prof



Office for Graduate research, The University of Santo Tomas Graduate School, Manila, Philippines
ADVISOR SELECTION FORM 2011
OGR EVALUATION FORM 7 MA/MS programs

NAME PRINT: LAST, FIRST MIDDLE I. | Date submitted: date/ month/ year
PROGRAM: ☐MS/MA ☐MBA ☐Strama/Business Plan | Undergrad Degree: Type here
Program Major: Type here | Present Employment: Type here
☎: Type here | TW1 Enrollment: ☐1st ☐2nd ☐3rd ☐>3

PROPOSED THESIS/DISSERTATION TOPIC

To Be Filled-up by the student

- Working Title of the Proposal
- Abstract of the Proposal (short description in less than 80 words)

COMPLETE THIS PART ONLY

important

- Attach 10 journal articles supporting your proposed topic
- Attach Interdisciplinary Research List with your topic area encircled

4 Excellent 3 Very Good 2 Fair 1 Serious Flaw, disapproved

Rate the...	To be filled by the FACULTY EVALUATOR	4	3	2	1
PROPOSAL IN GENERAL	• Title				
	• Abstract				
	• The candidate's verbal ability to discuss the proposed topic				
	• Attached supporting journal articles				

To Be filled by the OGR Director

POTENTIAL ADVISORS — Can you take in the student as your research advisee?

EVALUATOR 1: _____ ☐YES ☐Not at this time

EVALUATOR 2: _____ ☐YES ☐Not at this time

EVALUATOR 3: _____ ☐YES ☐Not at this time

ADDITIONAL RELEVANT COMMENTS (USE THE BACK PAGE)

DIRECTOR'S FINAL RECOMMENDATION
CARLOS GARCIA, PhD, Office for Graduate Research

Research Topic Selection & Approval Process

Molecular support of the classification of *Greeniopsis* Merr. in Aleisanthieae (Rubiaceae), with a revision of the genus

Grecebio Jonathan D. Alejandro,[1,2,3] Ulrich Meve,[3] Millard Uy,[1] Arnaud Mouly,[4] Mike Thiv[5] & Sigrid Liede-Schumann[3]

1 *College of Science* and
2 *Research Center for the Natural Sciences, University of Santo Tomas, España Boulevard, 1015 Manila, Philippines*
3 *Department of Plant Systematics, University of Bayreuth, Universitätstr. 30, 95440 Bayreuth, Germany*
4 *Université de Franche-Comté – CNRS UMR 6249 Chrono-environnement, UFR Sciences et Techniques, 16 Route de Gray, 25030 Besançon cedex, France*
5 *Botany Department, Museum of Natural History Stuttgart, Rosenstein 1, 70191 Stuttgart, Germany*
Author for correspondence: *Grecebio J.D. Alejandro, gdalejandro@mnl.ust.edu.ph*

Abstract *Greeniopsis* Merr. is a small genus of Rubiaceae endemic to the Philippines. Previously, no molecular data have been available for *Greeniopsis* and its taxonomic position has remained controversial. Based on morphology, the genus was tentatively included in the tribe Aleisanthieae (Ixoroideae) along with the Southeast Asian genera *Aleisanthia* and *Aleisanthiopsis*. To determine the taxonomic position of *Greeniopsis* and evaluate the monophyly of the genus, sequences of the *rps16* and *trnT-F* regions of cpDNA of all seven *Greeniopsis* species were generated. Parsimony and Bayesian analyses of the combined plastid dataset strongly support the inclusion of *Greeniopsis* in Aleisanthieae as well as its monophyly. Woolly hairs on the abaxial leaf surface occur in only one *Greeniopsis* species and can no longer be regarded a synapomorphy of the tribe. The generic status of *Aleisanthia*, *Aleisanthiopsis*, and *Greeniopsis* is maintained. A revision of *Greeniopsis*, including a key to species, descriptions, distribution maps, and illustrations, is provided.

Keywords *Aleisanthia*; Aleisanthieae; *Aleisanthiopsis*; *Greeniopsis*; Ixoroideae; Philippines; *rps16*; Rubiaceae; *trnT-F*

■ INTRODUCTION

Greeniopsis Merr., established by Merrill (1909), is a poorly known genus of Rubiaceae endemic to the Philippines. The genus at present comprises seven species ranging from shrubs to medium-sized trees: *G. discolor* Merr., *G. euphlebia* Merr., *G. megalantha* Merr., *G. multiflora* (Elmer) Merr., *G. philippinensis* Merr., *G. pubescens* Merr., and *G. sibuyanensis* Elmer. *Greeniopsis* is characterized by terminal inflorescences, contorted corolla aestivation, bilocular ovaries with elongated placentas, capsular fruits, winged seeds, and 3-colporate pollen (Tange, 1996b).

Although the genus without doubt belongs to Rubiaceae (opposite-decussate leaves, presence of stipules, actinomorphic flowers, inferior ovary), its tribal position within this family remains unsettled. Merrill (1909) proposed a close relation of *Greeniopsis* to the Asian genera *Emmenopterys* Oliv. (two species) and *Mussaendopsis* Baill. (four species). A relationship between *Greeniopsis* and *Mussaendopsis* was also put forward by Krause (1915) based on their contorted aestivation, bilocular ovaries, capsular fruits, winged seeds and elongated placentas. Later, Robbrecht (1988) placed *Greeniopsis* as well as *Emmenopterys* and *Mussaendopsis* in Cinchoneae-Cinchoninae, based on Krause's work (E. Robbrecht, pers. comm.). Subsequent morphological studies tentatively transferred *Greeniopsis* and *Mussaendopsis* to Coptosapelteae (Andersson & Persson, 1991; Robbrecht, 1993). Recent molecular data later demonstrated that both *Emmenopterys* and *Mussaendopsis* belong to the Calycophylleae/Condamineeae alliance of Ixoridinae 1 (Robbrecht & Manen, 2006; Bremer & Eriksson, 2009). However, because no molecular data were available for *Greeniopsis*, its taxonomic position remained unresolved after the dismantling of the Coptosapelteae and the transfer of most of its genera to Naucleeae in the wide sense (Razafimandimbison & Bremer, 2002).

In contrast to Merrill (1909) and later authors, Tange (1996a,b) disagreed on the close affinity between *Greeniopsis* and *Mussaendopsis* mainly because of their different stipule form, inflorescence position, and floral morphology (Puff & Igersheim, 1994). Moreover, *Mussaendopsis* is reminiscent, hence its name, of *Mussaenda* Burm. ex L. in possessing enlarged calyx lobes or semaphylls (sensu Leppik, 1977), which are absent in *Greeniopsis*. Instead, Tange (1996a,b) postulated a relationship of *Greeniopsis* with two other Southeast Asian genera, *Aleisanthia* Ridl. (two species) and *Aleisanthiopsis* Tange (two species). The three genera share a similar contorted corolla, secondary pollen presentation, idioblasts with a single druse, elongated placentas, and capsular fruits with hard endocarp. Following Ridley (1920), Tange (1996b) suggested the placement of *Aleisanthia* and *Aleisanthiopsis* in Rondeletieae but refrained commenting on the tribal position of *Greeniopsis*.

Plastid data (*rps16*, *rbcL*, *trnL-F*) have disclosed a relationship between *Aleisanthia-Aleisanthiopsis*, the Southeast Asian genus *Greenea* Wight & Arn. (ca. 9 species) and the large pantropical genus *Ixora* L. (ca. 400 species) (Rova & al., 2002; Mouly & al., 2009a). Accordingly, Mouly & al.

Journal Article Attachment (at least 20)

Research Topic Selection & Approval Process

Peer Reviewed Journals

Science Direct, ProQuest, EBSCO, JSTOR

- academic search engine
- Elsevier publications at UK
- refereed & scholarly journals

Where to Access?

✓ **Central Library Serial Section, 6th Floor**

✓ **Central Library Ground Floor**

✓ **Other Online Databases**

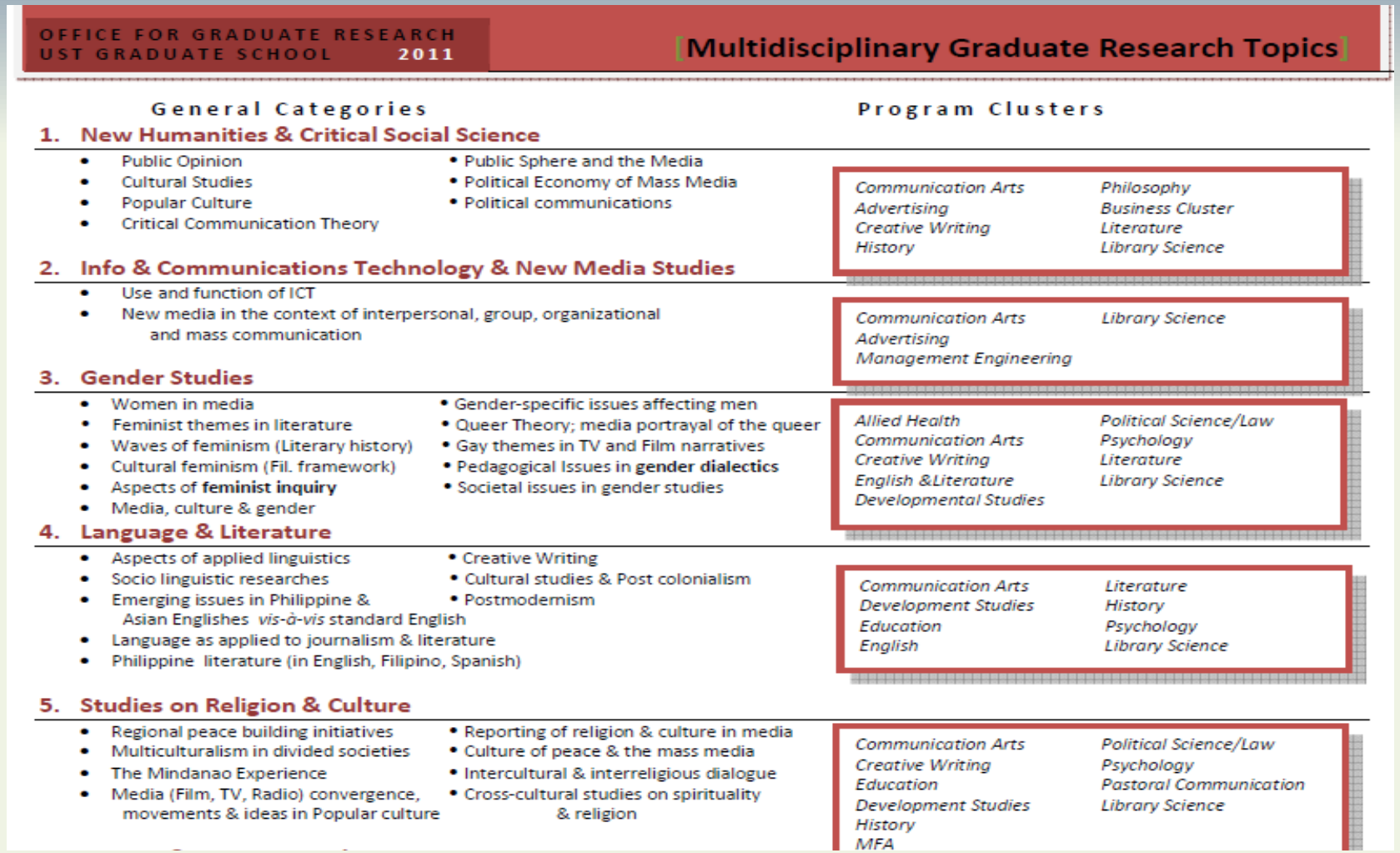
Ask CL for search engine PW!

Your Topic MUST Be:

- Something you & advisor find interesting
- Something of INTEREST to the community
- One that addresses a REAL problem
- FOCUSED and FEASIBLE (doable within a reasonable time)
- Fit in the interdisciplinary listing

Things to Consider

Interdisciplinary Listing:



OFFICE FOR GRADUATE RESEARCH
UST GRADUATE SCHOOL 2011

[Multidisciplinary Graduate Research Topics]

General Categories

1. New Humanities & Critical Social Science

- Public Opinion
- Cultural Studies
- Popular Culture
- Critical Communication Theory
- Public Sphere and the Media
- Political Economy of Mass Media
- Political communications

Program Clusters:
Communication Arts, Advertising, Creative Writing, History, Philosophy, Business Cluster, Literature, Library Science

2. Info & Communications Technology & New Media Studies

- Use and function of ICT
- New media in the context of interpersonal, group, organizational and mass communication

Program Clusters:
Communication Arts, Advertising, Management Engineering, Library Science

3. Gender Studies

- Women in media
- Feminist themes in literature
- Waves of feminism (Literary history)
- Cultural feminism (Fil. framework)
- Aspects of **feminist inquiry**
- Media, culture & gender
- Gender-specific issues affecting men
- Queer Theory; media portrayal of the queer
- Gay themes in TV and Film narratives
- Pedagogical Issues in **gender dialectics**
- Societal issues in gender studies

Program Clusters:
Allied Health, Communication Arts, Creative Writing, English &Literature, Developmental Studies, Political Science/Law, Psychology, Literature, Library Science

4. Language & Literature

- Aspects of applied linguistics
- Socio linguistic researches
- Emerging issues in Philippine & Asian Englishes *vis-à-vis* standard English
- Language as applied to journalism & literature
- Philippine literature (in English, Filipino, Spanish)
- Creative Writing
- Cultural studies & Post colonialism
- Postmodernism

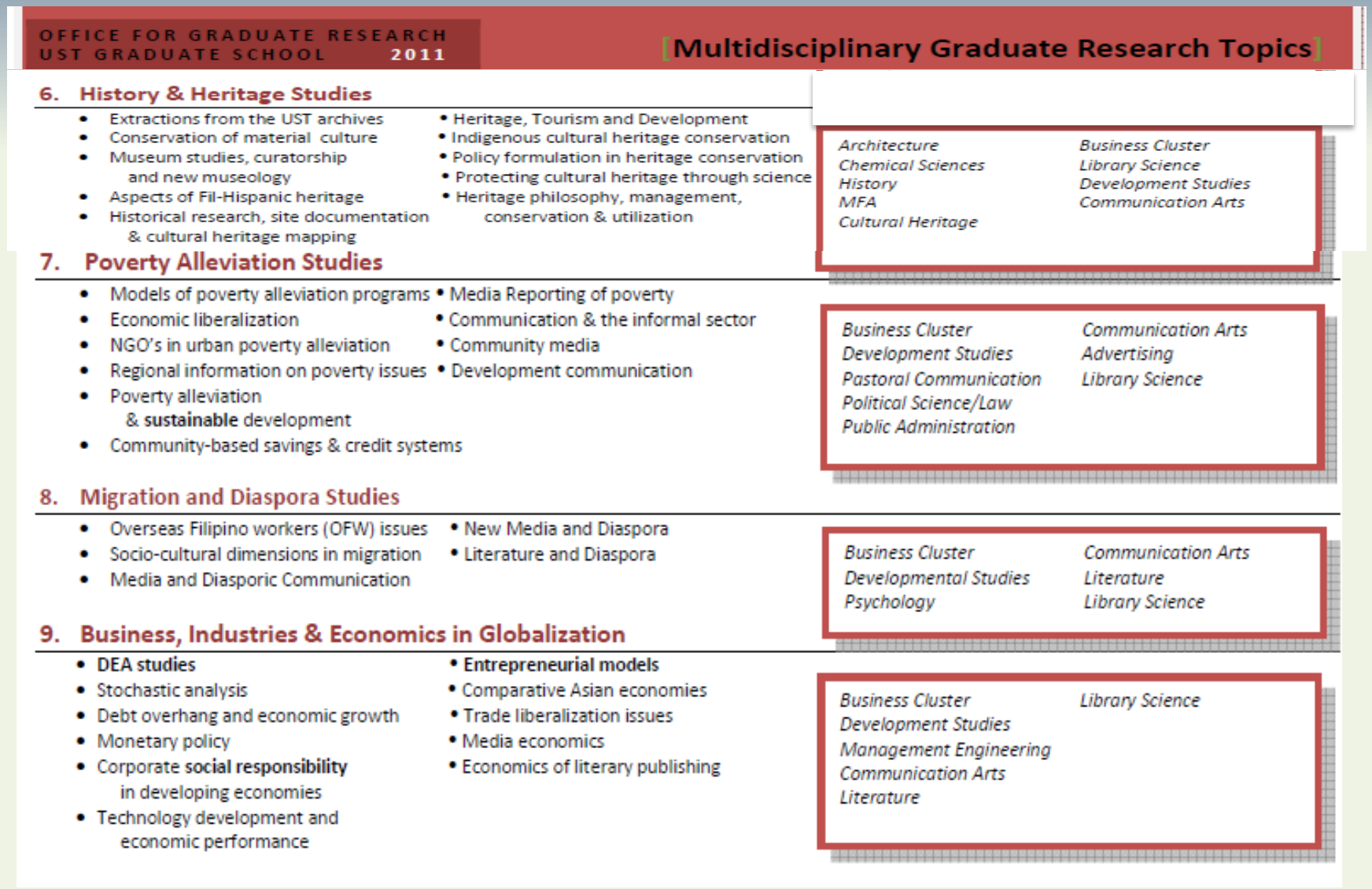
Program Clusters:
Communication Arts, Development Studies, Education, English, Literature, History, Psychology, Library Science

5. Studies on Religion & Culture

- Regional peace building initiatives
- Multiculturalism in divided societies
- The Mindanao Experience
- Media (Film, TV, Radio) convergence, movements & ideas in Popular culture
- Reporting of religion & culture in media
- Culture of peace & the mass media
- Intercultural & interreligious dialogue
- Cross-cultural studies on spirituality & religion

Program Clusters:
Communication Arts, Creative Writing, Education, Development Studies, History, MFA, Political Science/Law, Psychology, Pastoral Communication, Library Science

Interdisciplinary Listing



OFFICE FOR GRADUATE RESEARCH
UST GRADUATE SCHOOL 2011

[Multidisciplinary Graduate Research Topics]

6. History & Heritage Studies

- Extractions from the UST archives
- Conservation of material culture
- Museum studies, curatorship and new museology
- Aspects of Fil-Hispanic heritage
- Historical research, site documentation & cultural heritage mapping
- Heritage, Tourism and Development
- Indigenous cultural heritage conservation
- Policy formulation in heritage conservation
- Protecting cultural heritage through science
- Heritage philosophy, management, conservation & utilization

Architecture
Chemical Sciences
History
MFA
Cultural Heritage
Business Cluster
Library Science
Development Studies
Communication Arts

7. Poverty Alleviation Studies

- Models of poverty alleviation programs
- Economic liberalization
- NGO's in urban poverty alleviation
- Regional information on poverty issues
- Poverty alleviation & **sustainable** development
- Community-based savings & credit systems
- Media Reporting of poverty
- Communication & the informal sector
- Community media
- Development communication

Business Cluster
Development Studies
Pastoral Communication
Political Science/Law
Public Administration
Communication Arts
Advertising
Library Science

8. Migration and Diaspora Studies

- Overseas Filipino workers (OFW) issues
- Socio-cultural dimensions in migration
- Media and Diasporic Communication
- New Media and Diaspora
- Literature and Diaspora

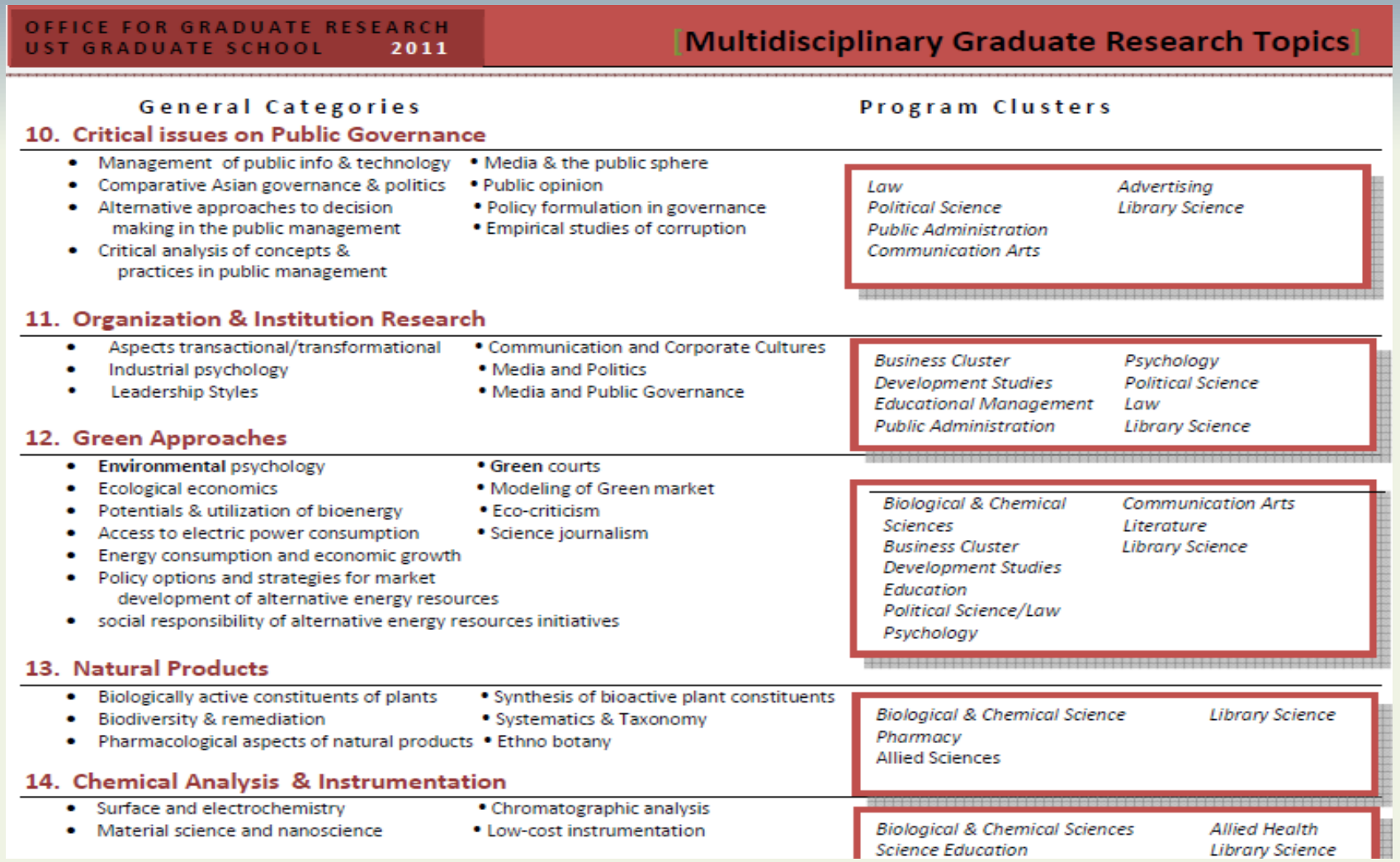
Business Cluster
Developmental Studies
Psychology
Communication Arts
Literature
Library Science

9. Business, Industries & Economics in Globalization

- **DEA studies**
- Stochastic analysis
- Debt overhang and economic growth
- Monetary policy
- Corporate **social responsibility** in developing economies
- Technology development and economic performance
- **Entrepreneurial models**
- Comparative Asian economies
- Trade liberalization issues
- Media economics
- Economics of literary publishing

Business Cluster
Development Studies
Management Engineering
Communication Arts
Literature
Library Science

Interdisciplinary Listing

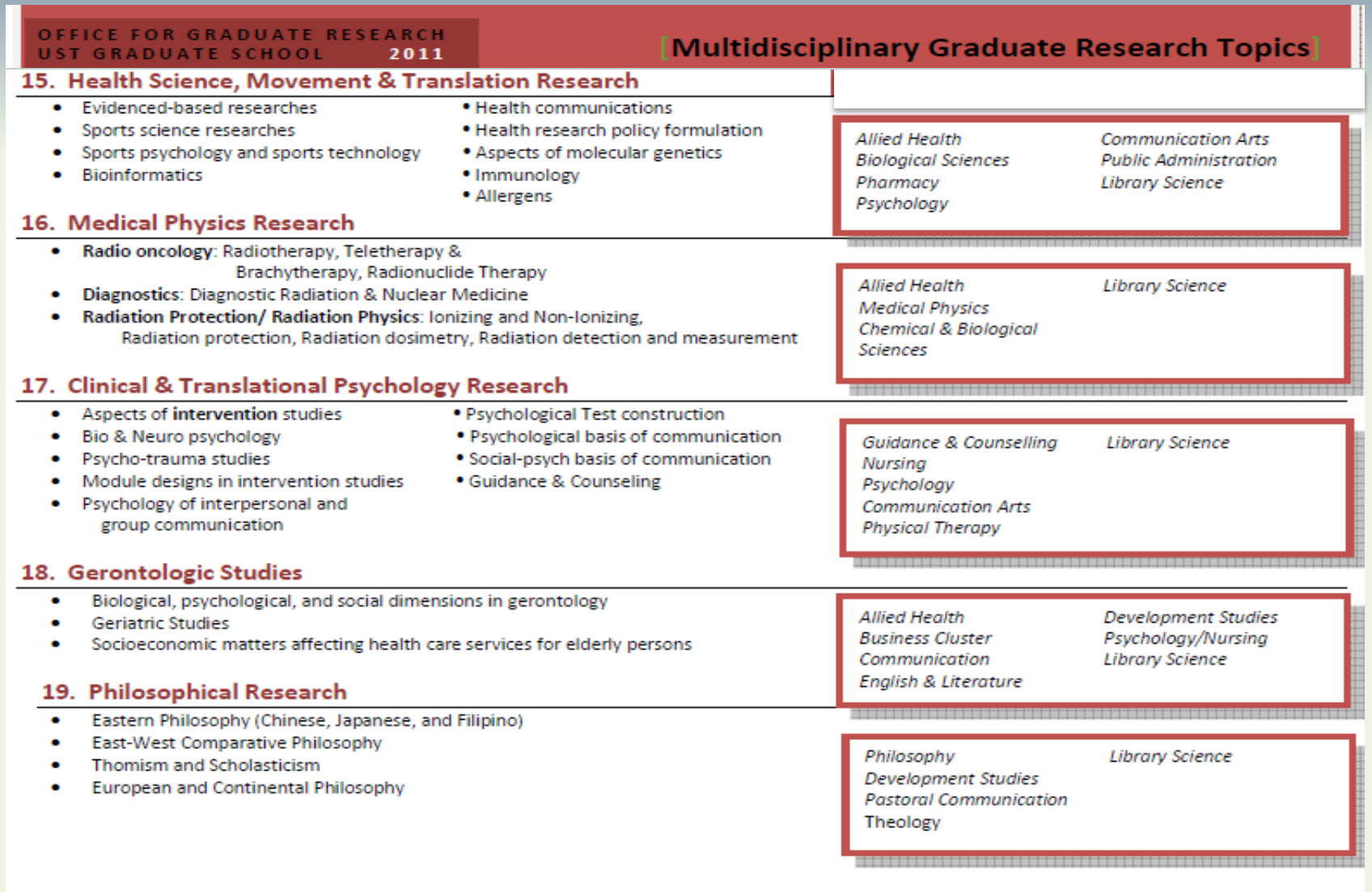


OFFICE FOR GRADUATE RESEARCH
UST GRADUATE SCHOOL 2011

[Multidisciplinary Graduate Research Topics]

General Categories		Program Clusters	
10. Critical issues on Public Governance			
• Management of public info & technology	• Media & the public sphere	*Law*	*Advertising*
• Comparative Asian governance & politics	• Public opinion	*Political Science*	*Library Science*
• Alternative approaches to decision making in the public management	• Policy formulation in governance • Empirical studies of corruption	*Public Administration* *Communication Arts*	
• Critical analysis of concepts & practices in public management			
11. Organization & Institution Research			
• Aspects transactional/transformational	• Communication and Corporate Cultures	*Business Cluster*	*Psychology*
• Industrial psychology	• Media and Politics	*Development Studies*	*Political Science*
• Leadership Styles	• Media and Public Governance	*Educational Management*	*Law*
		Public Administration	*Library Science*
12. Green Approaches			
• **Environmental** psychology	• **Green** courts	*Biological & Chemical Sciences*	*Communication Arts*
• Ecological economics	• Modeling of Green market	*Business Cluster*	*Literature*
• Potentials & utilization of bioenergy	• Eco-criticism	*Development Studies*	*Library Science*
• Access to electric power consumption	• Science journalism	*Education*	
• Energy consumption and economic growth		*Political Science/Law*	
• Policy options and strategies for market development of alternative energy resources		*Psychology*	
• social responsibility of alternative energy resources initiatives			
13. Natural Products			
• Biologically active constituents of plants	• Synthesis of bioactive plant constituents	*Biological & Chemical Science*	*Library Science*
• Biodiversity & remediation	• Systematics & Taxonomy	*Pharmacy*	
• Pharmacological aspects of natural products	• Ethno botany	Allied Sciences	
14. Chemical Analysis & Instrumentation			
• Surface and electrochemistry	• Chromatographic analysis	*Biological & Chemical Sciences*	*Allied Health*
• Material science and nanoscience	• Low-cost instrumentation	*Science Education*	*Library Science*

Interdisciplinary Listing



OFFICE FOR GRADUATE RESEARCH
UST GRADUATE SCHOOL 2011

[Multidisciplinary Graduate Research Topics]

15. Health Science, Movement & Translation Research

- Evidenced-based researches
- Sports science researches
- Sports psychology and sports technology
- Bioinformatics
- Health communications
- Health research policy formulation
- Aspects of molecular genetics
- Immunology
- Allergens

Allied Health
Biological Sciences
Pharmacy
Psychology
Communication Arts
Public Administration
Library Science

16. Medical Physics Research

- **Radio oncology**: Radiotherapy, Teletherapy & Brachytherapy, Radionuclide Therapy
- **Diagnostics**: Diagnostic Radiation & Nuclear Medicine
- **Radiation Protection/ Radiation Physics**: Ionizing and Non-Ionizing, Radiation protection, Radiation dosimetry, Radiation detection and measurement

Allied Health
Medical Physics
Chemical & Biological Sciences
Library Science

17. Clinical & Translational Psychology Research

- Aspects of **intervention** studies
- Bio & Neuro psychology
- Psycho-trauma studies
- Module designs in intervention studies
- Psychology of interpersonal and group communication
- Psychological Test construction
- Psychological basis of communication
- Social-psych basis of communication
- Guidance & Counseling

Guidance & Counselling
Nursing
Psychology
Communication Arts
Physical Therapy
Library Science

18. Gerontologic Studies

- Biological, psychological, and social dimensions in gerontology
- Geriatric Studies
- Socioeconomic matters affecting health care services for elderly persons

Allied Health
Business Cluster
Communication
English & Literature
Development Studies
Psychology/Nursing
Library Science

19. Philosophical Research

- Eastern Philosophy (Chinese, Japanese, and Filipino)
- East-West Comparative Philosophy
- Thomism and Scholasticism
- European and Continental Philosophy

Philosophy
Development Studies
Pastoral Communication
Theology
Library Science

Research Topic Selection & Approval Process

- Choose a topic
- Fill out Form 21/22
- Get at least 20 support journal articles
- Secure endorsement from your TW1/DW1 Prof.
- See OGR Director: *topic approval & advisor assignment*
- Get more references

Start Writing the Proposal

When to have an APPROVED TOPIC?

On or before:
Oct. 3, 2015 (Sat.)

FORM 21/22 + Journals

the earlier, the better....
(except Sept. 17-19, 2015)

Choosing the Research Advisor

Major Advisor	The choice of a major professor is a mutual decision between the student, the faculty member and the OGR
Co-advisor *(Optional)*	The co-advisors work with the major advisor for interdisciplinary research

Choosing the Research Advisor

Major Role of the Advisor

- Assists advisee to successfully complete the research
- Sees to it that the research is done within an appropriate time frame
- Provides oversight of the research rigors
- Encourages advisee to stay abreast of the literature
- Gives regular feedback on advisee's work progress

The Proposal

The Manuscript

Preliminary Pages

- ✓ Title Page
- ✓ Endorsement Sheet
- ✓ Certification of English Editor
- ✓ Table of Contents

Font Style:	Times New Roman or Arial
Font Size:	12
Spacing:	Double Space
Paper:	UST Thesis Paper (follow margins used)

The Manuscript

Three Sections to Write

Chapter 1 The Problem Rationale

Chapter 2 Literature Review

Chapter 3 The Research Methodology

The Manuscript

The Research Methodology

Issues Human Ethics Guidelines
(Follow Institutional Guidelines)

- Interview
- Survey
- Administering questionnaires
- Observing human behavior
- Taking human tissue/fluids

Must secure
certificate from
(ERB: ETHICS REVIEW BOARD)

Establishment of USTGS-ERC

ETHICS IN RESEARCH

UST Graduate School Ethical Review Committee (USTGS-ERC)

To review all researches involving human subjects undertaken by graduate students prior to the acquisition of their masters/doctoral degrees.

ETHICS IN RESEARCH

UST Graduate School Ethical Review Committee (USTGS-ERC)

Chair: Dr. Fernando R. Pedrosa
Co-chair: Dr. Librado A. Santiago
Secretary: Dr. Aleth Therese L. Dacanay
Members:
Dr. Crestita B. Tan
Dr. Mary Caroline N. Castano
Dr. Maria Cristina R. Ramos
Dr. Mary Ann S. Vargas
Dr. Belinda V. De Castro
A/Prof. Emmanuel Batoon
A/Prof. Michael Jorge N. Peralta
Dr. Grecebio Jonathan D. Alejandro

The Manuscript

Last Sections

- References
- Appendices
- Survey/ Interview Questionnaires
- Research Timetable
- Budget Requirements
- Curriculum Vitae (Brief) w/ recent pic

WRITING TIPS

1. The Problem Rationale must be compelling.
2. Complete a thorough Literature Review.
3. Read several thesis proposals.
4. Remember that thesis writing is an iterative process.
5. Always communicate with your Adviser.

ETHICS IN RESEARCH

Plagiarism

…….kidnapping and stealing the work of someone else without attribution

- Theses/ Dissertations
- Written reports, term papers, critiques
- Manuscripts

Avoiding Plagiarism

Ethics in Research

turnitin®

Penalties Plagiarism

Substantial Plagiarism: no grade, cancellation of enrolment, re-submission of new topic

Complete Plagiarism: expulsion

What form does the proposal follow?

Must be accompanied by the…

- Proposal Checklist (Form #01)
- Progress Report (Form #29)

✓ **Paperbound**

Blue for MS/MA

Red for PhD/EdD/DCL

Graduate Research

Submission Deadlines

garcia@OGR.2011

[PROPOSAL SUBMISSION CHECKLIST FORM]

insert your picture in this box

Last	First	Middle initial	Study Program
DE BOURBON	JUAN CARLOS	P.	CHEMISTRY

Enrollment Status: ___ 1st ___ 2nd ___ ≥3 enrollment

Degree Program: ___ MS/MA ___ PhD

Mobile ✆	09xx-xxx-xxxx	Home/Business ☎	(02) xxx-xxxx / (02) xxx-xxxx
Email	xxx@yahoo.com		
Address	221b Baker Street Manila		

Thesis/Dissertation Proposal Title

The Study of Early American Fictional Characters

Graduate School Entry Date (Semester/ Year)

1st semester / 2009

Adviser

Dr. Dean Koontz

Director's Notes

_____

_____

_____

_____

_____

5 CHECK LIST ITEMS

		Yes	No
1. Endorsement of Advisor	signed ?	☐	☐
2. Evaluated Transcript of Records	updated ?	☐	☐
3. One folder			
	Did you **insert** this ***completed*** *Form* ?	☐	☐
4. Manuscript Paper bound Copies			
	4 Copies *for Masters;* **6 copies** *for Doctoral* ?	☐	☐
5. For Doctoral Students	Are the fees ***paid*** ?	☐	☐
Pre-Oral Defense:	OR #: _____		
Dissertation Advising Fee:	OR #: _____		

By checking ☑NO in any one item listed, you will not be entertained in the processing

this **Form-7** must be confined to only **one** (1) page

UST 400 UNENDING GRACE

Office for Graduate Research
The Graduate School, University of Santo Tomas
Manila

Research Proposal Endorsement Form

to be completed by the *student*:

Program of study

Type here...

LAST, FIRST Middle Initial — Degree Candidate

Type date completion — Date

Title of the thesis/dissertation proposal

type here

to be completed by the *advisor*:

Dear Prof. Carlos P. Garcia, PhD
Director

I have reviewed and fully endorse the proposal manuscript attached herewith for evaluation. We look forward to a robust and thorough review of this manuscript and welcome the necessary changes, *if any*, to execute the proposed study.

Thank you.

Type name of advisor here — Research Advisor
Signature over printed name

Type date completion — Date

Graduate Research

DEADLINE

When to Submit the Proposal?

On or before:
Dec. 10, 2015 (Th)
For ALL

Graduate Research

Submission Deadlines

DON'T START ANYTHING WITHOUT THE PANEL'S APPROVAL

Graduate Research (PhD)

Proposal Defense

- **5 panel of evaluators**
- **IF 1 MAJOR revision, follow suggestion & secure approval from the panel**
- **IF 2 or more MAJOR revision, RESUBMIT Proposal & Re-oral defense**

Graduate Research

Academic Requirements

TW1/DW1	If you…	TOR Grade
1st enrollment	Failed to submit the proposal	"In progress"
2nd enrollment	Pay modified fee Failed to submit again	"incomplete"
3rd enrollment	Pay full fee Failed to submit again	"incomplete"
4th enrollment	Re-enroll Research Methodology	

Graduate Research

Professional Services

Permitted by the Dean's Office

- **Statistician's Fee**

  PhP 5,000 – P10,000

  (Depending on the problem's complexity)

Include the following in your Proposal:

- Name and Affiliation of your Statistician

Graduate Research

Professional Services

- **English Editor – UST Department of English**

Visit OGR website for details!

Graduate Research

Statistics Consultant

DISCIPLINES

Allied Health, Business, Education, Engineering

Public Administration, Science and Social Sciences

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GABRIEL URIARTE, Ph.D.

RECTO REX M/ CALINGASAN, Ph.D.

Graduate Research

Statistics Consultant

DISCIPLINES

Allied Health, Business, Education,

Public Administration, Science and Social Sciences

GEORGE GARCIA, M.S.

MA. OLIVIA TAN, M.S

VIRGILIO TATLONGHARI, Ph.D.

EVALUATION PROCESS

Final Grading Scheme

GPA: Generally calculated from equal weights of

Manuscript *(~33%)*
Oral Defense *(~33%)*
Transcript of Records & WCE *(~33%)*

EVALUATION PROCESS

Final Grading Scheme

Other programs configure GPAs differently.

Latin Nomenclature

SUMMA CUM LAUDE	1.00-1.05
MAGNA CUM LAUDE	1.06-1.15
CUM LAUDE	1.16-1.25

Effective AY 2014-2015

Thesis Manuscript

The University of Santo Tomas Graduate School, Manila, Philippines

OGR EVALUATION FORM 4

THESIS/DISSERTATION MANUSCRIPT GRADING SCHEME

PROF/DR **EVALUATOR** | NAME | DATE RECEIVED

CANDIDATE | NAME | DEGREE ☐ MS/MA ☐ PhD | PROGRAM

PERFORMANCE ELEMENTS	PERFORMANCE RATINGS: 4 = EXCEPTIONAL; 3 = PROFICIENT; 2 = SATISFACTORY; 1 = LIMITED (Exceptional) 19-20 points; (Proficient) 17-18 points ; (Satisfactory) 12-16 points; (Limited) 4-11 points. Adapted from a rubric by Douglas E. Cowan found at http://c.faculty.umkc.edu/cowande/rubric.htm.)	ENCIRCLE SCORE
A Content Information and Comprehension	**Thesis statement/research question is clear and appropriate.** **Exceptionally** focused, informative & **comprehensively** developed and argued.	4
	Thesis statement **is relevant** and **adequately developed,** ***but has some*** *unsupported arguments.*	3
	Thesis statement **is present,** ***but is undeveloped***, lacking focus with inconsistent argument.	2
	Thesis statement **is flawed**, ***vaguely*** *developed* ***showing poor understanding of the topic***.	1
B Presentation Grammar, spelling, and vocabulary	**Grammar and spelling are correct.** Variety of proper sentence structures deployed using appropriate terminology.	4
	Grammar and spelling are correct**,** ***but has*** some inconsistent sentence structure.	3
	A few grammar and spelling errors**,** ***but has*** some inconsistent sentence structure.	2
	Many grammatical and/or spelling errors. (Fragmented/mechanically incorrect sentences**)**	1
C Organization of Material Clarity, transition, and flow	**Logical progression and development of ideas introduction and conclusion.** Ideas expressed **clearly** with ***effective*** **transitions** between ideas.	4
	Organization of intro to conclusion, ***has some ineffective transitions*** *between ideas*	3
	Organization of intro to conclusion, ***has incoherent*** *ideas and* ***ineffective transitions***.	2
	Incoherent organization. *Lacks introduction with unclear and/or vague conclusion.*	1
D Sources and Documentation Variety / Credibility of References Appropriate sources and formatting	**Documentation is complete and correct.** **Variety** of **relevant**, **updated/peer reviewed** references supporting the arguments is present.	4
	Documentation is **flawed,** ***but some*** *references* ***lack*** *accuracy or* ***relevance*** *to the thesis.*	3
	Documentation is **highly flawed** ***dominated*** *by unreviewed or outdated internet sources.*	2
	Documentation lacking. *Very few references* ***lacking variety*** *and* ***up datedness*** *are used.*	1
E Contribution to Research	Thesis/Dissertation **is an original contribution** to the body of knowledge.	4
	Manuscript has **minor** corrections. *An extract* ***maybe submitted*** *to a* ***peer reviewed*** *journal*	3
	Manuscript **is flawed**. *An extract* ***maybe submitted*** *to a* ***non-peer*** *reviewed journal*	2
	Manuscript **is highly flawed**. **Any** resulting written extract ***is not*** *publishable at all.*	1
alejandro	PLEASE TOTAL	

ADDITIONAL RELEVANT COMMENTS PERTAINING TO THE RESEARCH PAPER MAYBE WRITTEN AT THE BACK PAGE.

20

FINAL RECOMMENDATION:

Accepted ☐ **without revision** ☐ **with MINOR revision(s)** ☐ **with MAJOR revisions** (POINT SCORES: **4**

Additional comments(s):

UST: SO27-00-FO 13

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Panel 1	**20**
Panel 2	**20**
Panel 3	**20**
Adviser	**40**
Total	**100**

Graduate Research (MS/MA)

INCENTIVE

- **1 INTERNATIONAL PUBLICATION with Thomson Reuters IF=1.0 or above**
  - Thesis Writing = 1.0

- **1 INTERATIONAL PUBLICATION with IF lower than 1.0**
  -Thesis Writing = ++++ points

- **1 INTERATIONAL PUBLICATION w/out IF, or 1 NATIONAL PUBLICATION**
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- **Submitted manuscript with certification from the Editor**
  -Thesis Writing = ++ points

- **2 INTERNATIONAL PUBLICATION with IF (Director's approval)**
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Graduate Research (PhD/EdD/DCL)

INCENTIVE

- **2 INTERNATIONAL PUBLICATION (one with Thomson IF=1.0 or above)**
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- **2 INTERATIONAL PUBLICATION with IF lower than 1.0 or w/out IF**
  -Thesis Writing = ++++ points

- **2 NATIONAL PUBLICATION**
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- **2 INTERNATIONAL PUBLICATION with IF (at least one with IF=1.0 or above), PLUS 1 INTERNATIONAL/NATIONAL w/out IF**
  - Public Presentation (subject for Director's Approval)
  - Oral Defense = additional points

Proper Citation: Sample 1

Molecular Phylogeny of the genus Gynocthodes from multiple DNA markers

Grecebio Jonathan D. Alejandro

The Graduate School, University of Santo Tomas, Espana Boulevard, 1015 Manila, Philippines

Proper Citation: Sample 2

Molecular Phylogeny of the genus Gynocthodes from multiple DNA markers

Grecebio Jonathan D. Alejandro & Marilu R .Madrunio

The Graduate School, University of Santo Tomas, Espana Boulevard, 1015 Manila, Philippines

Proper Citation: Sample 3

Molecular Phylogeny of the genus Gynocthodes from multiple DNA markers

Grecebio Jonathan D. Alejandro[1] & Marilu R .Madrunio[2]

[1]The Graduate School, University of Santo Tomas, Espana Boulevard, 1015 Manila, Philippines; Department of Biology, [2]De La Salle University, Taft Ave., Manila, Philippines

UST-GS PUBLICATION

International Journal of Social Sciences and Entrepreneurship Vol.1, Issue 9, 2014

AN ASSESSMENT OF ACQUIRED TRAVEL SERVICE COMPETENCIES IN NATIONAL STANDARD OF THE BS TOURISM PRACTICUM TRAINEES OF SELECTED SCHOOLS IN METRO MANILA

Joreen T. Rocamora
The Graduate School, University of Santo Tomas, Espana Manila Philippines, Philippines

CITATION: Rocamora, J. T. (2014). An assessment of acquired travel service competencies in national standard of the BS tourism practicum trainees of selected schools in Metro Manila. *International Journal of Social Sciences and Entrepreneurship, 1* (9), 459-480.

MS HRM

ABSTRACT

The study focused on the assessment of the practicum trainee's acquired versus required travel service competencies as perceived by 255 practicum trainees of 3 universities in Manila pioneering BS Tourism with the highest student population offering 200-250 hrs of practicum in a travel management company during the 2nd year level (AY 2012-2013), and by 61 supervisors of travel management companies. The study utilized Anova, weighted mean and ranking method through purposive sampling. The assessment used the TRAVEL SERVICES NC II QUALIFICATION TESDA COMPETENCY STANDARDS. Results revealed that there is a significant difference between the perceived acquired travel service competencies from the trainees and supervisors in terms of "Booking travel-related reservation", "Issuing air, seas, land tickets & MPD", "Developing and updating industry knowledge", "Observing workplace hygiene procedure" and "Performing computer operations". The most extensively acquired competencies are "Providing effective customer service" and 'Working in a team environment" as perceived by the trainees and supervisors respectively. Implications for future research and practicum program enhancement are discussed.

Key Words: *tourism, travel service, competency, practicum*

UST-GS PUBLICATION

Tropical Journal of Pharmaceutical Research January 2014; 13 (1): 93-100
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Original Research Article

Cytotoxicity and Apoptotic Activity of *Ficus pseudopalma* Blanco Leaf Extracts Against Human Prostate Cancer Cell Lines

Ma Cristina De Las Llagas[1,2*], Librado Santiago[1,3,4] and John Donnie Ramos[1,4,5]
[1] The Graduate School, University of Santo Tomas, España Blvd., Manila, [2]Biology Department, Ateneo de Davao University, Roxas Blvd., Davao City, [3]Faculty of Pharmacy, [4]Research Center for the Natural and Applied Sciences, [5]College of Science, University of Santo Tomas, España Blvd., Manila, Philipines

For correspondence: Email: tinadelasllagas@yahoo.com;* ***Tel:* *+63-922-840-1800*

Received: 8 October 2013 *Revised accepted: 17 December 2013*

PhD Biology

Abstract

Purpose: *To investigate the cytotoxic and apoptotic activities of Ficus pseudopalma (FP) Blanco leaf extracts against normal human FSE cells and human prostate PRST2 cancer cell line.*
Methods: *FP leaves were extracted with 95 % ethanol, and partitioned with chloroform, ethylacetate, and water. The presence of terpenoid lupeol and flavonoid quercetin was determined through high performance liquid chromatography (HPLC). The cytotoxic and apoptotic effects of different concentrations of FP extracts on PRST2 cells and on non-cancerous human foreskin surface epithelial (hFSE) cells were determined by 3-[4, 5-dimethylthiazol-2-yl]-2, 5-diphenyltetrazolium bromide (MTT) assay, tryphan blue exclusion assay, Live/Dead viability assay and terminal deoxynucleotidyl transferase dUTP nick end labelling (TUNEL) assay.*
Results: *Ethylacetate, chloroform, and crude ethanol extracts were significantly cytotoxic to PRST2 cell lines ($p < 0.001$) in a concentration-dependent manner with a 50 % cell growth inhibitory concentration of 4.16, 4.83 and 44.53 µg/mL, respectively. A significant decrease in the viability of PRST2-treated cells ($p < 0.001$) in a concentration-dependent manner was observed in the tryphan blue exclusion assay and in the Live/Dead® viability assay. Using APO-BrdU TUNEL assay, apoptotic activities of the extracts increased in a concentration-dependent manner. All the extracts did not show significant cytotoxic effect on hFSE cells ($p = 0.064$).*
Conclusion: *The cytotoxic and apoptotic activities of FP extracts may be due to the presence of lupeol and quercetin. This study suggests that apoptotic mechanisms may be involved in the growth inhibitory activity of FP leaf extracts against human PRST 2 cell lines.*
Keywords: *Ficus pseudopalma, Cytotoxicity, Apopotic, human prostate PRST2 cancer cell, Lupeol, Quercetin.*

UST-GS PUBLICATION

MBA

IOSR Journal of Business and Management (IOSR-JBM)
e-ISSN: 2278-487X, p-ISSN: 2319-7668. Volume 16, Issue 3. Ver. I (Mar. 2014), PP 01-08
www.iosrjournals.org

An Early Warning System on the Propensity of Survival and Failure of Non-life Insurance Firms in the Philippines (2002-2011)

Eduardo T. Torno and Tomas S. Tiu
The Graduate School, University of Santo Tomas Espana Street, Manila 1015, Philippines

Abstract: *This study examines the factors affecting survival and failure of non-life insurance firms in the Philippines and classifies the survivability of the firms into strong, moderate, weak and insolvent firms. Selected insolvency indicators are represented by the variables most commonly found and validated in insurance literature. The study used a 10-year panel data of 79 non-life insurance firms in the Philippines from year 2002 to 2011 Annual Statements (AS) reported at the Philippine Insurance Commission (IC). The variables of the study were tested using Levene-Welch-Games-Howell and logit regression. The result shows that firm size, natural catastrophe due to typhoon and flood, ownership, leverage, degree of diversification, growth of equity and paid-up capital compliance are significant factors that affect the survivability of non-life insurance firms in the Philippines. The result of the study serves as a useful tool for the regulator and stakeholders involved in the industry.*

Keywords: *non-life insurance, survival, failure, early warning, Levene-Welch-Games-Howell, logit regression*

I. Introduction

Insurance plays an important role in developing countries such as the Philippines. This sector holds a tremendous amount of business transactions and employed huge number of people (Simpson and Damoah, 2009). It also provides capital to other industries as they play a role of financial intermediaries (Atkins and Bates, 2008). Hence, the government has the responsibility in monitoring the financial solvency position of insurance companies. Insurance solvency entails enough resources needed to honor its contractual obligation to the insured according to what is written on the insurance policy. When an insurer becomes insolvent or financially impaired, state regulators must take appropriate actions such as license revocation, cease-and-desist orders, and other actions that restrict an insurer's freedom to do business (Rajda, 2011). The idea of evaluating solvency position of insurance companies pave the way to the main theme of this research as the propensity of

UST-GS PUBLICATION

PhD Psych

Indian Journal of Positive Psychology
2014, 5(1), 11-16
http://www.iahrw.com/index.php/home/journal_detail/19#list

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Parent-adolescent relationship enhancement training: A response to adolescents risk behaviors in Kerala, India

Kalathananickal Paul Bijimol
The Graduate School, University of Santo Tomas, Manila, Philippines

Adolescence is the developmental period of transition from childhood to adulthood and involves biological, cognitive and socio-emotional changes.The reaction and stimulus adolescents receive from parents strongly influence the adolescents' behaviors. Aggression, rule breaking, and self-injurious behaviors are common among adolescents aged 12-16. Enhancing parent-adolescent relationship with secure attachment helps adolescents to reduce risky behaviors. This study is an attempt to develop and assess the effectiveness of Parent-Adolescent Relationship Enhancement Training (PARET) in reducing adolescent risk behaviors by enhancing parent-adolescent relationship between parents and adolescents in Kerala, India. The study was conducted in two phases. Phase1: the development of PARET, and Phase II: the assessment of the effectiveness of the PARET employing a true experimental research method. A total of 40 adolescents and their parents were randomly assigned to both control and experimental groups. The data analysis was done utilizing mean scores, independent sample t- test, paired sample statistics, and Cohen's d. The pre-test and post-test scores of the experimental group showed significant differences (p=0.000) at 0.05 levels and the scores of the control group and experimental groups showed significant differences (p=0.000) in all dependent variables in the post test. The result of the study reveals the effectiveness of the PARET as a significant influence in enhancing parent-adolescent relationship thereby reducing adolescent risk behaviors.

Keywords: parent-adolescent relationship, risk behaviors

Recent findings revealed that the causes of adolescent involvement inrisk behaviors are lack of love, support, warmth and acceptance from their parents (Newby &Snyder, 2009, Deepshikha & Bhanot, 2011). Research has alsoshown that 80% of adolescent problems result from impaired parenting, such as harsh and abusive disciplinary practices (McKinney & Renk, 2011), lack of family cohesion and adaptability, and parent-adolescent conflicts (McKinney & Renk, 2011; Deepshikha & Bhanot, 2011).

Aggressive behaviors weremost common among adolescents in Plancherel, Laget, & Halfon, 2003).These were fostered by their belief that others were interfering with their independence and autonomy (Zhang & Arvey, 2009).

In Asian culture parents use more punishments and exercise higher control and authority to coax the best performance from their children, which make the children rebellious and delinquent (Okorodudu & Nwamaka, 2010). There is also much evidence to prove that parental unpreparedness to deal with transitional changes that adolescents were going through lead to an affectionless style of

UST-GS PUBLICATION

EdD

Volume : 3 | Issue : 2 | Feb 2014 ISSN - 2250-1991

Research Paper Education

The Pitfall of Homeschooling in the Philippines

Yzobelle Mangahas Leon | Graduate School, University of Santo Tomas, Manila, Philippines

ABSTRACT

This study looks into the homeschooling practice in the Philippines as it has become a growing trend in the country. There is a need to look into the possibility of homeschooling as an alternative form of education and thus, see if homeschooling lives up to the national educational objectives of the country. The research question of this study is how the homeschool setup develops the students in learning to live together in a diverse society. The study employs a qualitative exploratory design. Six co-researchers, all in college at the time of the study, participated in individual storytelling sessions and in-depth interviews as the core data gathering techniques. The study finds that the homeschooling setup in the Philippines builds a Culture Shock Syndrome in its students which makes it weak in developing students' learning to live together in a diverse society.

KEYWORDS education, homeschooling, Philippines, pitfalls

Introduction

In the global context, the increase in number of parents who choose to completely take over the education of their children by giving it at home and away from state-run schools and state-accredited private schools is undeniably exponential. There is hardly any literature on homeschooling that does not mention the rapid growth of this educational phenomenon and has therefore captured the attention of the academic community and educational researchers (Mazama & Lundy, 2012; Lubienski, 2003).

This undeniably growing global movement of homeschooling has stirred and continues to capture the attention and concern of sociologists (Mazama & Lundy, 2012), educators and education policy-makers (Kunzman, 2009), and even individual parents (Hiatt-Michael, 2008) as it is a "development of significance" (Crowson, 2000, p. 296).

against the national educational objectives, this study endeavored to answer the following central question:

How does the homeschool setup develop the students in learning to live together in a diverse society? How does it instill in its students the knowledge of, identification with, and love for the nation and the people to which they belong?

Research Design

The homeschooling phenomenon undoubtedly is a social occurrence of great significance that calls for deeper understanding of the actual experience, which can then shed light on the various facets of the phenomenon.

This study employed a qualitative exploratory method, which is the most appropriate approach that can lead the study to its main objective.

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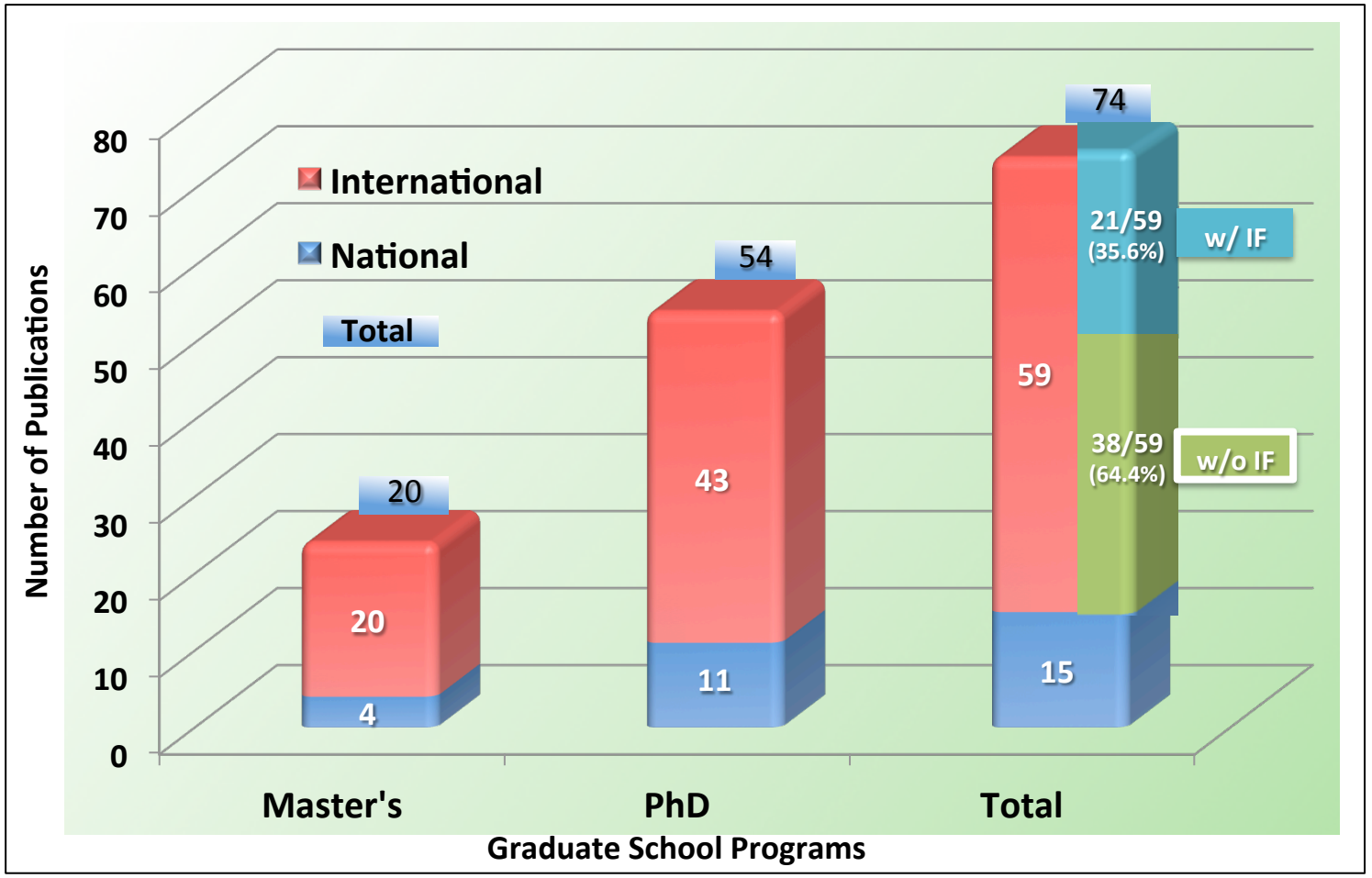

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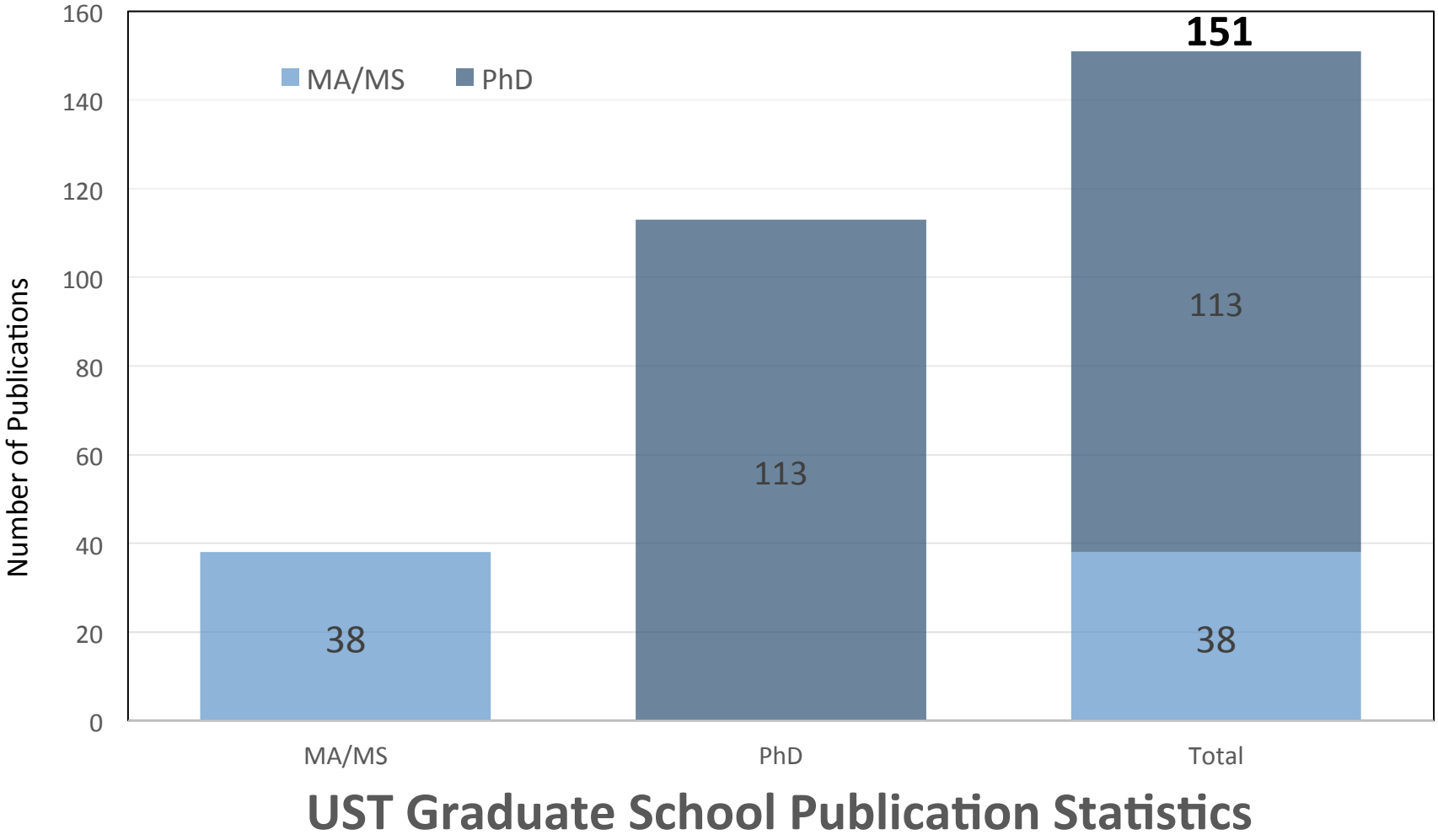

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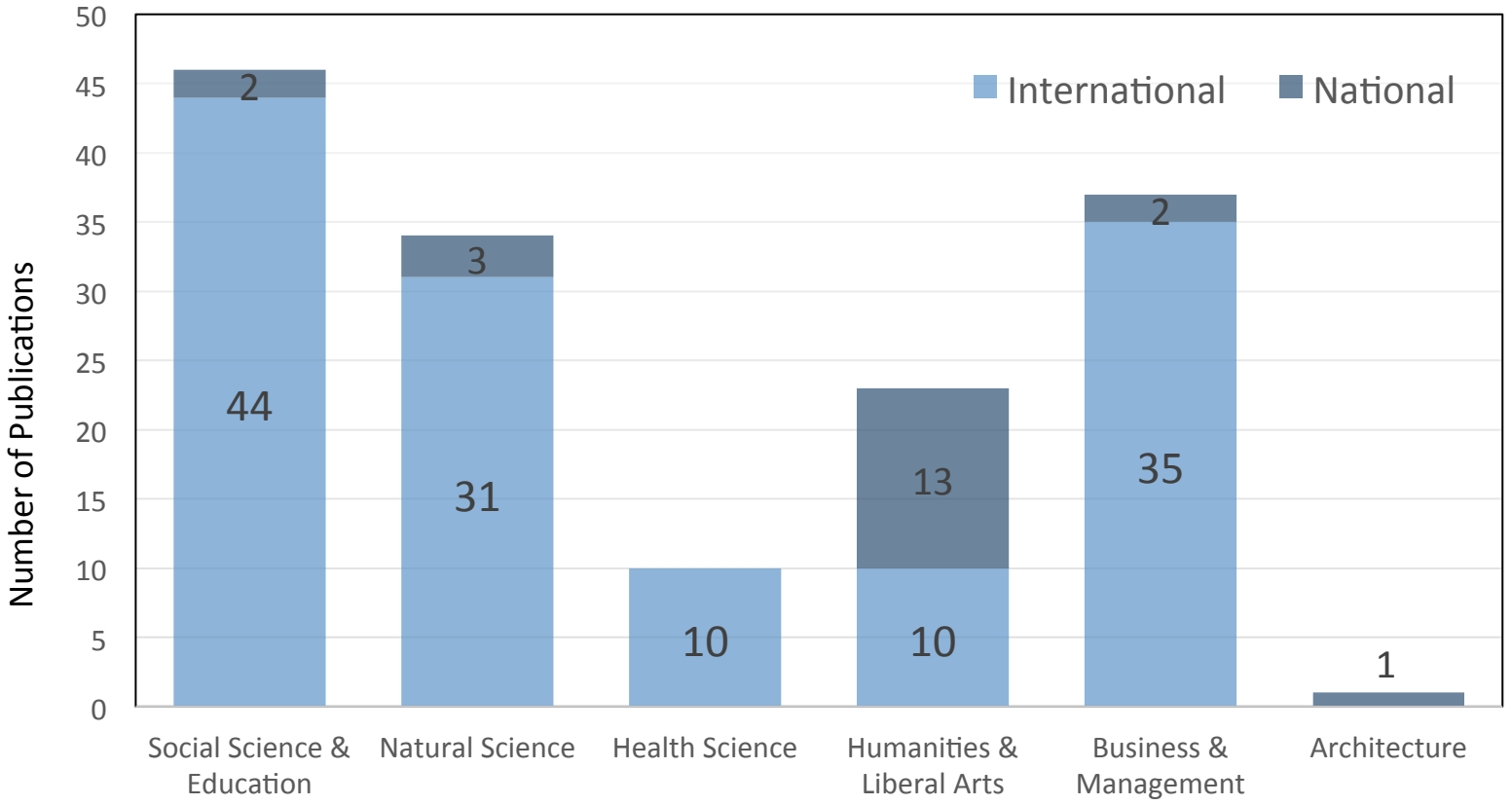

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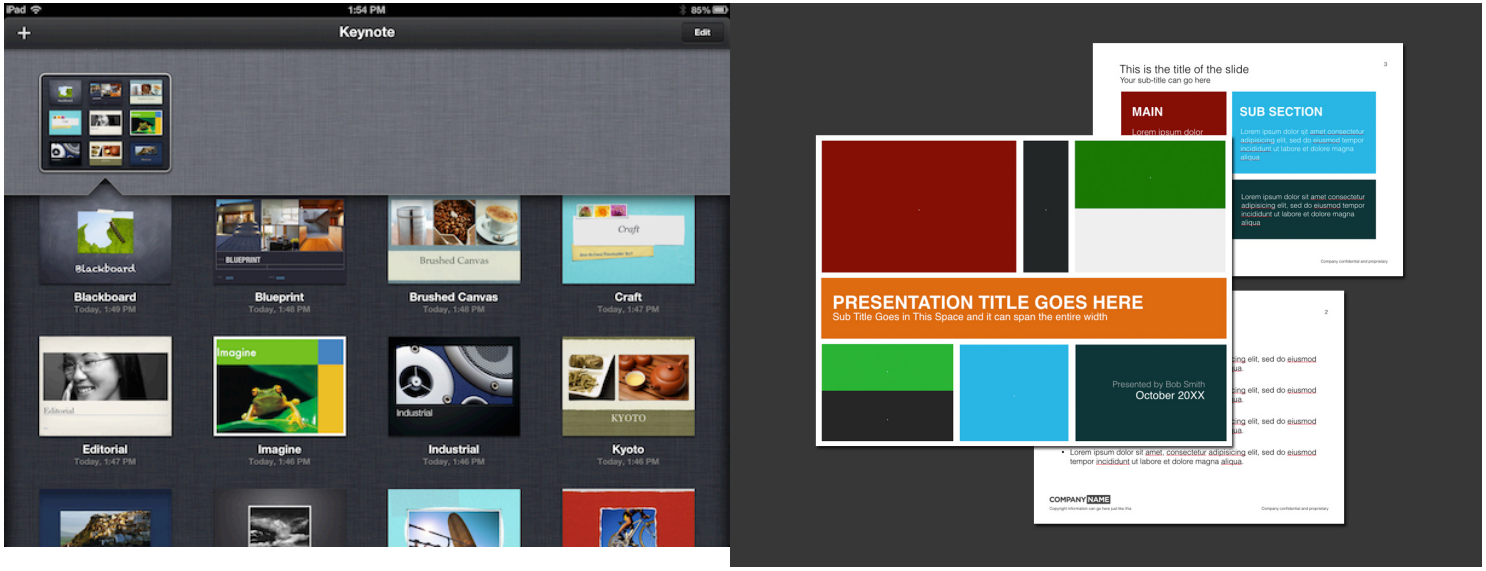

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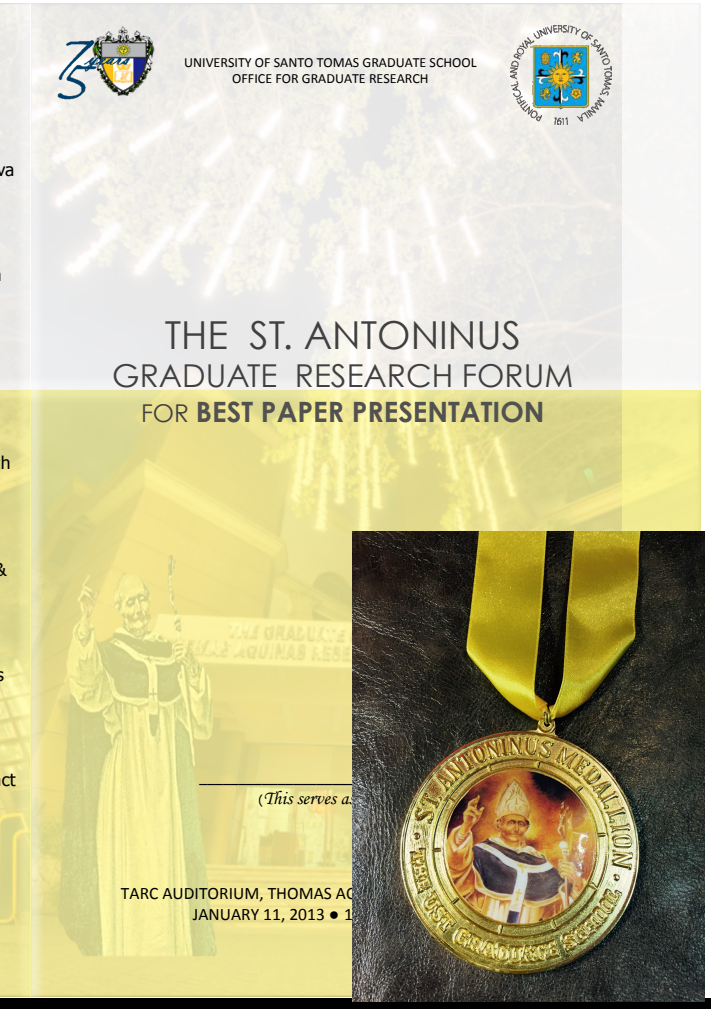

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