

Innovation and Interdisciplinarity in Graduate Education at Tulane: An Overview

Brian S. Mitchell
Council of Graduate Schools Annual Meeting
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The Renewal Plan – December 2005

“Tulane will focus on graduate and research programs in which it has demonstrated or emerging areas of expertise”



Doctoral Programs Pre –Katrina

Liberal Arts and Sciences

- ▶ Anthropology
- ▶ Economics
- ▶ English
- ▶ French
- ▶ History
- ▶ Latin American Studies
- ▶ Latin American Studies & Art History
- ▶ Philosophy
- ▶ Political Science
- ▶ Political Science & Latin American Studies
- ▶ Sociology
- ▶ Spanish

- ▶ Cell and Molecular Biology
- ▶ Chemistry
- ▶ Ecology and Evolutionary Biology
- ▶ Earth and Environmental Sciences
- ▶ Mathematics
- ▶ Neuroscience
- ▶ Physics
- ▶ Psychology

Engineering

- ▶ Chemical Engineering
- ▶ Civil Engineering
- ▶ Computer Science
- ▶ Biomedical Engineering
- ▶ Environmental Engineering
- ▶ Electrical Engineering
- ▶ Mechanical Engineering
- ▶ Biomedical Sciences*
- ▶ Business Administration
- ▶ International Development
- ▶ Law
- ▶ Public Health & Tropical Medicine**
- ▶ Social Work
- ▶ Water Resources Planning Management

*Biochemistry, Human Genetics, Microbiology & Immunology, Molecular & Cellular Biology, Physiology, Pharmacology, Structural & Cellular Biology

** Biostatistics, Epidemiology, International Health & Development, Parasitology



Doctoral Programs Post-Katrina

Liberal Arts

- ▶ Anthropology
- ▶ Economics
- ▶ English
- ▶ French
- ▶ History
- ▶ Latin American Studies
- ▶ Latin American Studies & Art History
- ▶ Philosophy
- ▶ Political Science
- ▶ Political Science & Latin American Studies
- ▶ Sociology
- ▶ Spanish

Science and Engineering

- ▶ Biology (CMB, EEB)
- ▶ Chemistry
- ▶ Earth Sciences (EES)
- ▶ Mathematics
- ▶ Neuroscience
- ▶ Physics
- ▶ Psychology
- ▶ Chemical Engineering
- ▶ Biomedical Engineering

- ▶ Biomedical Sciences*
- ▶ Business Administration
- ▶ International Development
- ▶ Law
- ▶ Public Health & Tropical Medicine**
- ▶ Social Work

*Biochemistry, Human Genetics, Microbiology & Immunology, Molecular & Cellular Biology, Physiology, Pharmacology, Structural & Cellular Biology

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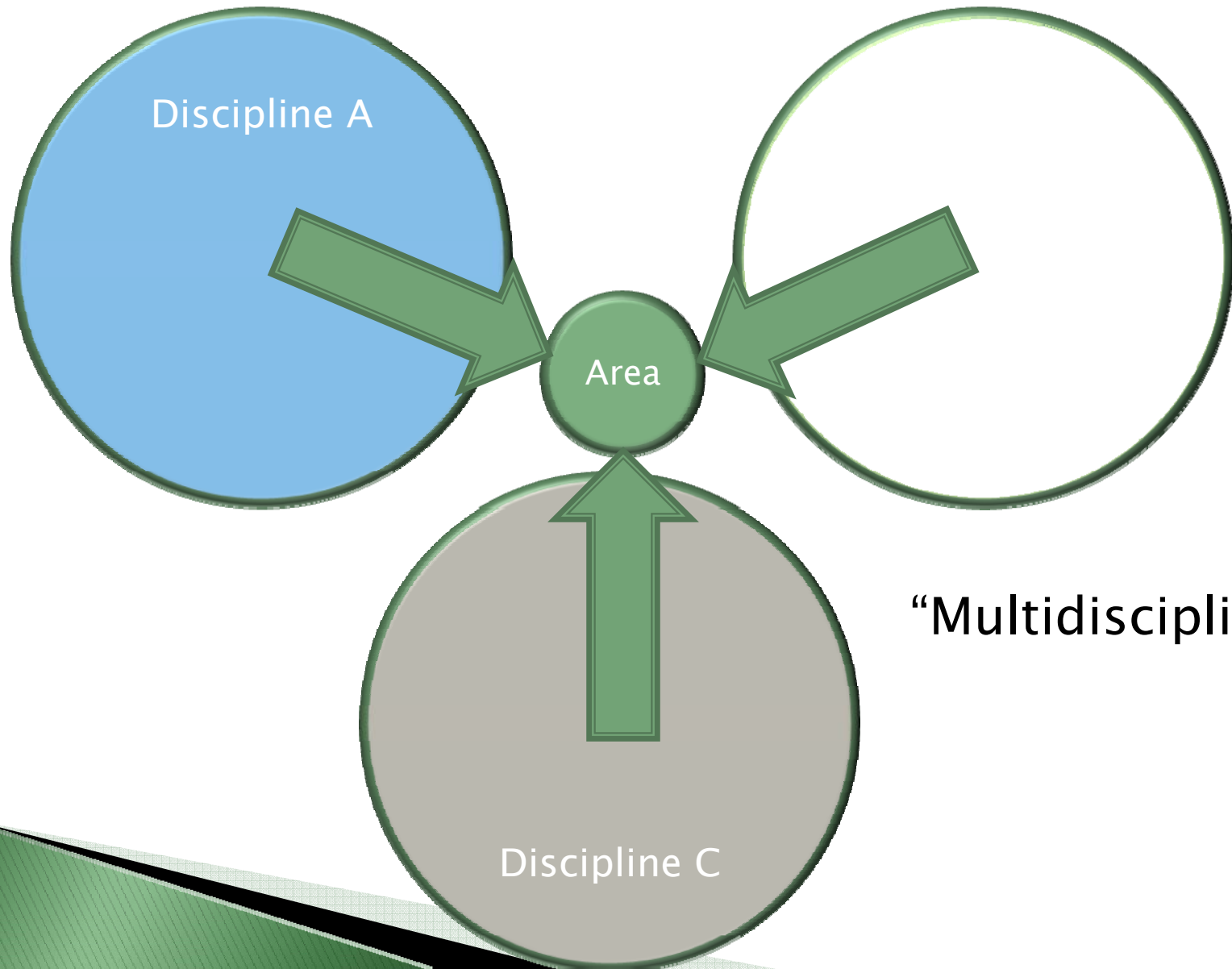


Innovation and Interdisciplinarity in Graduate Education at Tulane – GOALS

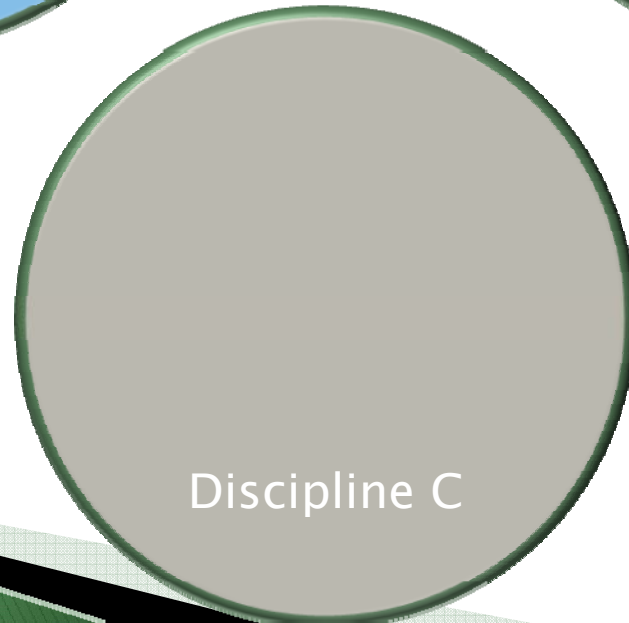
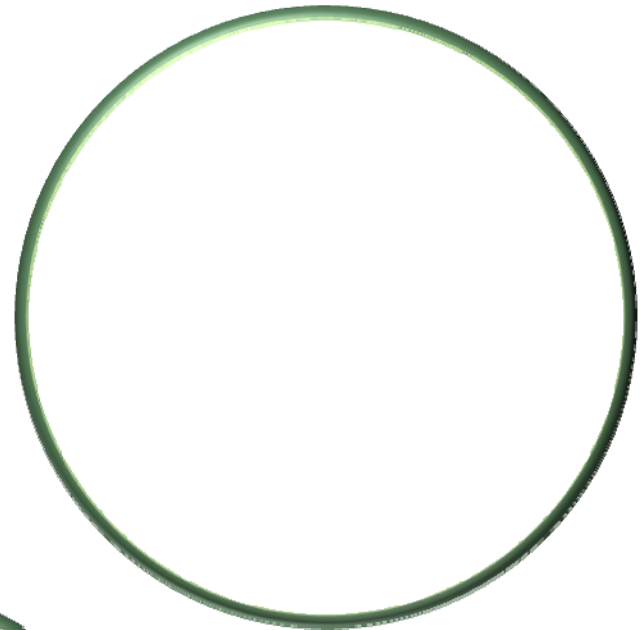
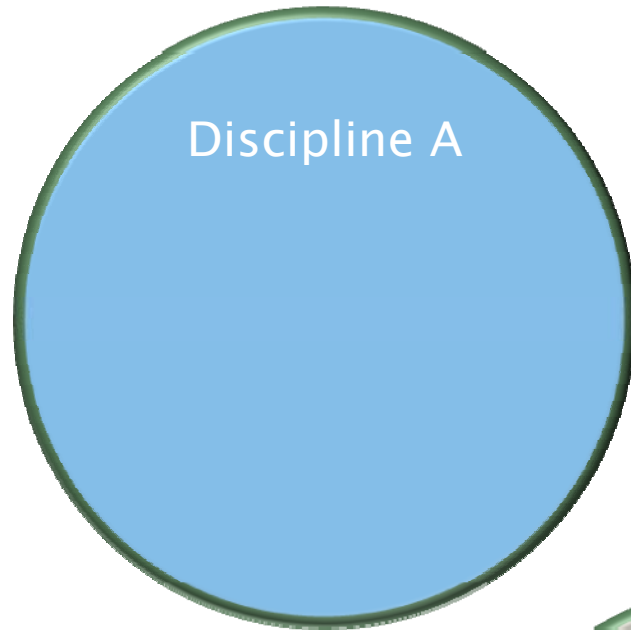
- ▶ Improve the quality and visibility of doctoral education.
- ▶ Develop new inter- and multi-disciplinary doctoral programs.
- ▶ Provide an opportunity for all regular, tenure-track faculty to apply their research, scholarship and/or artistic expertise to the training of doctoral students.



Interdisciplinarity



Interdisciplinarity



“Interdisciplinary”



Innovation and Interdisciplinarity in Graduate Education at Tulane – TIMELINE

- ▶ 2008–09 (FY09) Phase I
- ▶ 2009–10 (FY10) Phase II
- ▶ 2010–11 (FY11) Phase III
- ▶ 2011–12 (FY12) Phase I students matriculate
Phase II students matriculate
- ▶ 2012–13 (FY13) Phase III students matriculate



Innovation and Interdisciplinarity in Graduate Education at Tulane – PROPOSAL REQUIREMENTS

- ▶ 10–page limit, single spaced
 - Appendices allowed
- ▶ Support letters from Deans are optional
 - Decanal input solicited at review stage
- ▶ Program overview
- ▶ Recruitment, selection, retention of students
- ▶ Organization and management
- ▶ Participating faculty
- ▶ Selection of Research Advisor
- ▶ Degree requirements
- ▶ Financial support
- ▶ Program evaluation and assessment
- ▶ Budget



Innovation and Interdisciplinarity in Graduate Education at Tulane – REVIEW CRITERIA

External reviewers (two per proposal) and Graduate Council are asked to evaluate proposals on:

- ▶ Innovativeness of proposed activities in doctoral education.
- ▶ Qualifications of the involved faculty.
- ▶ Prospects for the program to be nationally and internationally recognized.
- ▶ History of the program in doctoral education.
- ▶ Placement of students in rewarding and fulfilling careers.
- ▶ Reasonableness and feasibility of proposed budget.



Innovation and Interdisciplinarity in Graduate Education at Tulane – FY09 PROPOSALS

- ▶ **Aging Studies**
- ▶ **Ancient and Medieval Studies**
- ▶ **Biophysics and Biotechnology**
- ▶ **City, Culture and Community**
- ▶ **Dance Performance**
- ▶ **Digital Humanities**
- ▶ **Disaster Management and Community**
- ▶ **Resilience**
- ▶ **Economics**
- ▶ **French Studies**
- ▶ **Linguistics**
- ▶ **Latin American Art History**
- ▶ **Media, Culture and Performance**
- ▶ **Political Economy**



Innovation and Interdisciplinarity in Graduate Education at Tulane – FY09 PROPOSALS

- ▶ **Aging Studies**

- ▶ **French Studies**

- ▶ **Linguistics**



Thank You!

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