GERESE–A Faculty Workshop*

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Based on *EAC Toolkit - Student Module Template*† by

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Abstract

This module reports on a faculty workshop in research ethics held for the NSF grant, Graduate Education in Research Ethics for Scientists and Engineers. The workshop, held January 30, 2009, assessed the project's framework and its components for a program in research ethics for graduate students. It also raised the issue of whether and how research ethics oculd be institutionalized at the University of Puerto Rico at Mayaguez. This module is also being developed as a part of a project funded by the National Science Foundation, "Collaborative Development of Ethics Across the Curriculum Resources and Sharing of Best Practices," NSF-SES-0551779.

NOTE:

1 Introduction

On January 30, 2009, a workshop was held to assess qualitatively the NSF-funded project GERESE, Graduate Education in Research Ethics for Scientists and Engineers. (NSF 0629377) This module has the umbrella presentation introducing the different activities, a presentation on the theoretical and historical background of research ethics, presentations used in two student workshops, General Awareness Workshop and Moral Deliberation Workshop. At this stage, this module exists as a resource participants can use to access these workshop materials. At a later stage, it will be expanded to provide a toolkit other institutions can use for developing their own assessment workshops.

2 What you need to know ...

What is GERESE?

- GERESE stands for Graduate Education in Research Ethics for Scientists and Engineers, an NSF-funded project in research ethic. An interdisciplinary team at UPRM is planning, testing and assessing a new framework for teaching Research Ethics which consists of the following components:

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- series of workshops for graduate students
- separate activities for faculty development
- mentoring opportunities for faculty / students
- a new series of courses on Research Ethics
- Its final objective is to **foster and support ethical behavior and social commitment among researchers in Science and Engineering.**

3 What you will do ...

Workshop Agenda

- Identifying and Validating Research Ethics Issues in the UPRM Context
- Disseminating GERESE at UPRM
- GERESE Project Assessment: **How can project activities be used to address UPRM Research Ethics Issues?**
- Institutionalizing Research Ethics at UPRM: **What do we want to institutionalize in Research Ethics? How do we go about institutionalizing it?**
- Workshop Assessment

4 What did you learn?

5 Appendix

Agenda for GERESE–A Faculty Workshop

This is an unsupported media type. To view, please see http://cnx.org/content/m19570/latest/FDW_Jan30_V4.docx

Figure 1: Click on this media file to open the agenda for the January 30, 2009 to carry out project assessment for the GERESE prototype in Research Ethics.

Assessment Activities

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Figure 2: This figure contains a four-page worksheet with three assessment activities used to assess the GERESE research ethics framework.

Workshop PowerPoint Presentation

Workshop Presentation

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Figure 3: This figure holds the presentation summarizing the content and activities of the GERESE-A Faculty Workshop activity held January 30, 2009.

Theoretical and Historical Background to Research Ethics

Theoretical and Historical Background

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Figure 4: This figure contains a presentation on the theoretical and historical background to research ethics to aid in an issue validation activity.

Workshop Evaluation Form

Workshop Evaluation Form

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Figure 5: Clicking on this figure opens the evaluation form used to assess the overall workshop. If you failed to turn in a form at the end of the activity, please click, download, and return to the workshop organizers.

Presentation for GAW

Graduate Awareness Workshop

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http://cnx.org/content/m19570/latest/GAWSept292007.ppt

Figure 6: This figure contains the presentation that formed the basis of a workshop in research ethics designed to create basic awareness of issues and approaches in this area for graduate students.

Mentoring and Outreach

Priming the Pump

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http://cnx.org/content/m19570/latest/Presentacion priming the pump 2008.ppt

Figure 7: This figure provides a description of the outreach activity carried out in this project to bring research ethics to high school students in western Puerto Rico. Graduate students served as mentors to pre-university students in the area of research ethics.

Moral Deliberation Workshop

MDW

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Figure 8: This presentation composes the core of a moral deliberation workshop, the second in a series of four workshops for graduate students in research ethics.

6 EAC ToolKit Project

6.1 This module is a WORK-IN-PROGRESS; the author(s) may update the content as needed. Others are welcome to use this module or create a new derived module. You can COLLABORATE to improve this module by providing suggestions and/or feedback on your experiences with this module.

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6.2 Funded by the National Science Foundation: "Collaborative Development of Ethics Across the Curriculum Resources and Sharing of Best Practices," NSF-SES-0551779

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