DEPARTMENT: All RSPH Doctoral Students

COURSE NUMBER:  BIO701; BSHE701; EHS701; EPI701; HPM701  SECTION NUMBER: 

SEMESTER: Fall 2014

ROOM: 3001

CREDIT HOURS: 1 credit

INSTRUCTOR NAME: Linelle M. Blais, PhD, CPF; Assistant: Adrienne Schwartz

INSTRUCTOR CONTACT INFORMATION

EMAIL: Linelle.m.blais@emory.edu

PHONE: (404) 727-4087

SCHOOL ADDRESS: Room 2001, Claudia Nance Rollins Building, Rollins School of Public Health

OFFICE HOURS: By appointment

COURSE DESCRIPTION

The field of public health necessitates the translation of research into programs that promote population health. This course focuses on how research in each discipline of public health may be disseminated and put into practice, contributing to the improvement of population health. This course also lays the foundation for students to move beyond disciplinary silos common to doctoral work and enrich their studies through multiple perspectives. In addition, students are asked to reflect on their personal translation of self to others as a leader in public health. This course prepares students to understand the language and approaches of several disciplines comprising the field of public health (in academia and practice), thereby fostering greater potential for collaboration and improvement in population health.

COMPETENCIES:

1. Translate knowledge derived from research to promote public health practice.

2. Present and communicate results of findings clearly, in writing and orally, to students, academic colleagues, professionals and the public.

3. Apply principles of ethical conduct to public health research and practice.

ACADEMIC HONOR CODE

The RSPH requires that all material submitted by a student in fulfilling his or her academic course of study must be the original work of the student.
LEARNING OBJECTIVES ASSOCIATED WITH THE COMPETENCIES

Competency 1 Learning Objectives:

- Describe how research has been translated to public health practice in the fields of epidemiology, behavioral health sciences, management and policy sciences, biostatistics, and environmental health sciences.
- Apply principles of translational research to scientific studies.

Competency 2 Learning Objectives:

- Clarify terminology differences across disciplines.
- Describe study results in plain language for lay audiences.
- Describe research interests in language appropriate for a variety of audiences.

Competency 3 Learning Objectives:

- Analyze ethical complexities of conducting translational research.

EVALUATION

Attendance & Participation (40%) – Translation of Self. Translation of Science. Translation to Others.

This course introduces students to other doctoral students and faculty in different departments in the school of public health to introduce students to diverse opinions and to encourage dialectical synthesis around what it means to be a leader in public health, research and practice. Class participation and engagement is required. Students are asked to reflect on how to best translate who they are, what they do, and how they want to do it, for achievement of their own professional goals and as a way of communicating to others their leadership aspirations in public health. This course prepares students to understand the language and approaches of several disciplines comprising the field of public health (in academia and practice), thereby fostering greater potential for collaboration and improvement in population health.

Midterm Assignment (30%) – Network Relations Assignment: 30 minute, 5 Question Leadership Interview. DUE: 10/27/14

This assignment focuses on developing students’ leadership network in public health, and exploring real world leadership and translation research, practice and ethics issues through a personal interview format. This assignment consists of one 30 minute, 5 Question Leadership Interview with a Faculty Member or external leader about their career, leadership, and work in translational research or practice.

Final Assignment: (30%) - Communications Assignment: 3 Minute Thesis. DUE: 12/8/14

How do I communicate my research interests to others in a way that is easy to understand and compelling? This assignment focuses on developing students’ skills in communicating clearly and succinctly about their leadership as a public health professional and about the research they plan to conduct to a variety of audiences. The assignment consists of developing one 3 minute mock thesis for a public health audience to be done as an oral presentation or as a 350 word abstract.
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<th>Date</th>
<th>Topic</th>
<th>Speaker</th>
<th>Optional Readings</th>
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<tr>
<td>9/8</td>
<td>Let’s Get It Started</td>
<td>Linelle Blais</td>
<td>Assignment: Introductions &amp; Overview; Read Curran interview</td>
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<td><strong>Translation of Self</strong></td>
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<td>9/15</td>
<td>Leading Self, Leading Others</td>
<td>Dean Curran</td>
<td>Assignment: Review bio; In class: Come prepared to ask questions</td>
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<td>9/22</td>
<td>Life of PhD</td>
<td>Gary Miller</td>
<td>Assignment: Review bio; In class: Come prepared to ask questions</td>
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<td>9/29</td>
<td>Next Generation PH Leadership</td>
<td>Kathy Miner</td>
<td>Assignment: Read leadership competencies</td>
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<td><strong>Translation of Science</strong></td>
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<td>10/6</td>
<td>Translational Research in Epidemiology</td>
<td>Bill McClellan</td>
<td>Assignment: Read Articles on Translational Research Models; Assignment Review Bio; optional readings</td>
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<td>10/13</td>
<td>Translational Research in Global Health Sciences</td>
<td>Mo Ali</td>
<td>Assignment: Review Bio; optional readings</td>
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<td>10/20</td>
<td>Translational Research in Behavioral Sciences and Health Education</td>
<td>Colleen McBride</td>
<td>Assignment: Review Bio; optional readings</td>
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| 10/27  | Translational Research in Management and Policy Sciences | David Howard             | **Midterm Due**  
Assignment: Review Bio; optional readings                                     |
| 11/3   | Translational Research in Environmental Science          | Jeremy Sarnat             | Assignment: Review Bio; optional readings                                    |
| 11/10  | Translational Research in Biostatistics                 | Lance Waller              | Assignment: Review Bio; optional readings                                    |
|        | **Translation to Others**                                |                          |                                                                             |
| 11/17  | Interdisciplinary Work Opportunities and challenges across academia | Juan Leon                 | Assignment: Pre-Work in Prep for Class Activity                             |
| 11/24  | Compelling Power Points Visual Epidemiology              | Jonathan Smith            | Assignment:  
[http://www.tacenters.emory.edu/resources/SEwebinars/index.html](http://www.tacenters.emory.edu/resources/SEwebinars/index.html)  
Watch Non-toxic slideshows 5/23/12 and Reporting well 2/29/12  
[http://epidemictoemotion.org/](http://epidemictoemotion.org/)  
visual epidemiology                                                  |
| 12/1   | Translation of Self to Funders & Publishers              | Eric Nehl                 | Assignment (Optional):  
[http://www.tacenters.emory.edu/resources/SEwebinars/index.html](http://www.tacenters.emory.edu/resources/SEwebinars/index.html)  
How to Choose a Journal, Negotiate Author Issues, and Get Your Paper Ready to Submit |
| 12/8   | 3 Minute Thesis                                          |                          | **3 Minute Thesis Presentations**                                           |
| 12/15  | 3 Minute Thesis                                          |                          | Celebration Lunch & 3 Minute Thesis Presentations                           |