

Annual Report on Program Student Learning Outcomes Assessment

*(Due October 15, 2013: Please answer as many questions below as you can. **All** programs must submit #1.)*

From 2014 on, this form is due annually by November 15 to the Provost's Office.

Program: School of Public Health – MPH, MS, DrPH, and PhD programs

Program Contact and Title: Lisa Sullivan, Associate Dean for Education (MPH and DrPH degrees);

Roberta White, Associate Dean for Research (MS and PhD degrees)

College/School Contact and Title: Lisa Sullivan, Associate Dean for Education, and Roberta White, Associate Dean for Research

1. List the learning outcomes for the program (if you are new to program assessment, you might want to begin with 3-5 primary outcomes):

The School of Public Health has clearly defined competencies for each of its degree programs and concentrations:

MASTER OF SCIENCE (MS)

Master of Science in Epidemiology

Upon completing the requirements for the MS in Epidemiology graduates are able to:

- Develop a scientific hypothesis, beginning with a review of existing literature, and design an epidemiologic study to assess the hypothesis validly and efficiently;
- Develop competence in a chosen substantive area of epidemiology for which competence requires a proficient understanding of risk factors for the disease(s), the impact of the disease(s) on populations, and an awareness of methodologic issues specific to the substantive area;
- Analyze a complex epidemiologic data set using at least one computer-aided tool, such as Excel or SAS;
- Communicate the results of research both orally and in writing, with the written presentation meeting the current standards of publication in refereed journals; and
- Critically evaluate in writing a published epidemiologic investigation, with respect to:
 - the choice of study population and design,
 - measurement of the exposure, disease, and covariates,
 - the data description and analytic method, and
 - the investigator's interpretation of the study's findings.