

SUBJECT CONSENT FORM FOR PARTICIPATION IN HUMAN RESEARCH AT MONTANA STATE UNIVERSITY

Project Title: A Comparison of Active Learning Pedagogy to Traditional Lecture in Introductory Statistics Classes.

You are being asked to participate in a research study to compare students' learning through "active learning" techniques (TEAL) to learning via traditional lecture methods. The purpose behind this study is to see if one teaching method is better than the other at conveying basic statistical concepts. We expect the study to benefit students who take intro stats in coming years. There is no expected risk or benefit to you.

There are no foreseen risks, as the new methods have been pilot-tested at MSU and elsewhere with no adverse consequences. Active learning means that you will be working in groups, which research has shown to be a benefit to students in general. The content covered in the TEAL sections is not the same exact set of topics, but both versions of the course cover the basics needed to go on. STAT 217 is being modified so that either "flavor" of STAT 216 will work as a prerequisite. Participation is voluntary in that you may ask to switch to another section where traditional methods are used. We cannot guarantee that we will have an opening that fits your schedule, but will do our best to accommodate all such requests.

If you agree to participate you will be asked to fill out questionnaires on your background, your attitude toward the course, and your current knowledge of statistics. On these surveys, you can choose to not answer any questions you do not want to answer and/or you can stop at anytime. Participation or non-participation will not affect your grade or class standing. In addition to questionnaires, summaries of grades for the two groups will be compared. All information will be kept in strict confidence, and only summary statistics will be released. If you do not sign this form we will withdraw any information about you before comparing to the other group.

This study is funded by the President's Strategic Investment Initiative and by the Department of Mathematical Sciences.

Contacts: For questions about the intent or the effects of the study, contact Student Success Coordinator Jade Schmidt by phone: 994-5355, roskam@math.montana.edu or Jim Robison-Cox 994-5340, jimrc@math.montana.edu.

The MSU Institutional Review Board oversees all research on human subjects: 994-4706 or cherylj@montana.edu.

AUTHORIZATION: I have read the above and understand the discomforts,

inconvenience and risk of this study. I, _____
(name of subject),

agree to participate in this research. I understand that I may later refuse to participate, and that I may withdraw from the study at any time. I have received a copy of this consent form for my own records.

Signed: _____ Investigator:



Date: _____

Email: _____