

Oklahoma State University Institutional Review Board

Date: Thursday, September 01, 2011 Protocol Expires: 5/2/2012
IRB Application No: ED11108
Proposal Title: Social Support and Academic Preparation of Incoming STEM Students

Reviewed and Processed as: Expedited
Modification

Status Recommended by Reviewer(s) **Approved**

Principal Investigator(s):

Kathryn Weinland
101 EN
Stillwater, OK 74077

Tami Moore
2439 Main Hall
Tulsa, OK 74106

The requested modification to this IRB protocol has been approved. Please note that the original expiration date of the protocol has not changed. The IRB office **MUST** be notified in writing when a project is complete. All approved projects are subject to monitoring by the IRB.

The final versions of any printed recruitment, consent and assent documents bearing the IRB approval stamp are attached to this letter. These are the versions that must be used during the study.

The reviewer(s) had these comments:

The modification request to allow for on-line recruitment and completion of the survey by freshman students over the age of 18 is approved.

Signature :


Shelia Kennison, Chair, Institutional Review Board

Thursday, September 01, 2011
Date

First Request E-Mail
To be sent
Tuesday, September 6

Dear FIRST NAME,

I am sending this e-mail to request your participation in a web survey about students in STEM majors. You have received this e-mail because your institution has indicated that you are currently majoring in science, technology, engineering, and math.

This survey should take 15 minutes to complete.

Results from this survey will be used to see if relationships exist between pre-college characteristics and the choice of college major. Your answers are confidential and will only be reported as aggregate results not individually identifiable or identifiable by institution. While your participation is strictly voluntary, I hope you will be willing to share your experiences and thoughts. You will also be asked to include your e-mail address if you would like to be contacted for a possible focus group, but this is also completely voluntary.

If you have any questions about this study I can be reached at (405) 269-4441 or at kathryn.weinland@okstate.edu.

**Please click on the following link into your web browser to
participate in the web survey:**

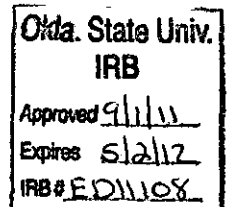
<https://www.surveymonkey.com/s/STEMatOSU>

I appreciate your time and thank you very much for participating in this study.

Sincerely,

Kathryn Weinland, Ph.D. Candidate
Educational Leadership and Policy Studies (HIED)
Oklahoma State University

Tami L. Moore, Ph.D.
Professor, Higher Education
Oklahoma State University
700 N. Greenwood Ave., Main Hall 2439, Tulsa, OK 74106
O: 918-594-8107
Tami.moore@okstate.edu



Second Request/Follow Up E-Mail
To be sent
Monday, September 12

Dear FIRST NAME,

Last week you should have received a request to participate in a web survey about STEM enrollment by e-mail. If you have already taken the time to complete the survey, thank you for participating.

If you have not had the opportunity to participate in the study, please consider doing so. This survey should take 15 minutes to complete. Results from this survey will be used to see if relationships exist between pre-college characteristics and the choice of college major. Your answers are confidential and will only be reported as aggregate results not individually identifiable or identifiable by institution. While your participation is strictly voluntary, I hope you will be willing to share your experiences and thoughts. You will also be asked to include your e-mail address if you would like to be contacted for a possible focus group, but this is also completely voluntary.

If you have any questions about this study I can be reached at (405) 269-4441 or at kathryn.weinland@okstate.edu.

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participate in the web survey:**

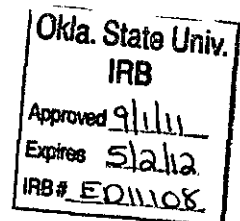
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I appreciate your time and thank you very much for participating in this study.

Sincerely,

Kathryn Weinland, Ph.D. Candidate
Educational Leadership and Policy Studies (HIED)
Oklahoma State University

Tami L. Moore, Ph.D.
Professor, Higher Education
Oklahoma State University
700 N. Greenwood Ave., Main Hall 2439, Tulsa, OK 74106
O: 918-594-8107
Tami.moore@okstate.edu



Social Support and Academic Preparation of Incoming STEM Students

Exit this survey

Informed Consent

*1. PROJECT TITLE: Social Support and Academic Preparation of Incoming STEM Students

INVESTIGATORS: Kathryn Weinland and Dr. Tami Moore, Oklahoma State University

PURPOSE:

The purpose of the proposed research is twofold: One, to examine how well varying amounts of high school courses in science, technology, engineering, and math (STEM) predict performance in Introductory physics, chemistry, and engineering science courses in an undergraduate engineering program, controlling for demographic differences and educational backgrounds. Two, this study is being conducted as part of Kathryn Weinland's doctoral dissertation. The purpose of this study is to examine how a student's social network, through the lens of social capital, influences their career choice of whether or not to study engineering.

PROCEDURES:

You will take a brief survey that outlines your decision making process to attend OSU and what the primary influences were for your college decision. You will also be asked about your high school STEM courses (science, technology, engineering, and math) in order for CEAT and A&S to gain insight on Incoming student preparation.

You will be asked for your CWID in order to merge your results with historical enrollment records at the end of the Fall 2011 and Spring 2012 semesters (ACT scores, SAT scores, AP Scores, year in college, grades from Science, Technology, Engineering, and Math at Oklahoma State University, Zip Code, First Major at OSU, Current Major at OSU, Gender, Ethnicity, High School Name, High School GPA, and High School Location). Results will be reported in aggregate form only, with no personally identifiable information in the reporting of the results. The data will be kept on a password protected USB drive that will not leave Kathryn Weinland's locked office. You will also be asked to include your e-mail address if you would like to be contacted for a possible focus group, but this is also completely voluntary.

This survey should take approximately 15-30 minutes to complete.

RISKS OF PARTICIPATION:

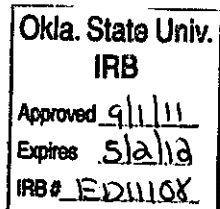
There are no known risks greater than those ordinarily encountered in daily life.

BENEFITS OF PARTICIPATION:

Results might strengthen OSU's involvement in K-12 science and math classes, recruitment activities, undergraduate student success, and undergraduate student retention.

CONFIDENTIALITY:

No IP addresses linking you to your responses will be collected or recorded anywhere in the survey. The only information that may be linked to you is if you choose to participate in the focus group; if so, you will be asked for your e-mail address at the end of the survey. Results from this study will be kept confidential. You will be asked for your CWID in order to merge your results with historical enrollment



records at the end of the Fall 2011 and Spring 2012 semesters (ACT scores, SAT scores, AP Scores, year in college, grades from Science, Technology, Engineering, and Math at Oklahoma State University, Zip Code, First Major at OSU, Current Major at OSU, Gender, Ethnicity, High School Name, High School GPA, and High School Location). Results will be reported in aggregate form only, with no personally identifiable information in the reporting of the results. The data will be kept for up to one year on a password protected USB drive that will not leave Kathryn Weinland's locked office, and only Kathryn Weinland and Dr. Tami Moore will have access to the data.

COMPENSATION:

There is no compensation for participating in this study.

CONTACTS:

I understand that I may contact any of the researchers at the following addresses and phone numbers, should I desire to discuss my participation in the study and/or request information about the results of the study:

Kathryn Weinland
101 Engineering North
CEAT Student Services
Oklahoma State University
Stillwater, OK 74078

Tami Moore, Ph.D.
700 N. Greenwood Ave
Main Hall 2439
Tulsa, OK 74106
918-594-8107

Agree to Participate

Next

Powered by **SurveyMonkey**
Create your own [free online survey](#) now!

Okla. State Univ. IRB Approved <u>9/1/11</u> Expires <u>5/2/12</u> IRB# <u>ED11108</u>
