



IRB AMENDMENT FORM

For IRB Use only: IRB Protocol No.: 14-114-MAR-XPB
Amendment No.: 2

This form is to be used ONLY for an amendment to a previously approved research project. Complete all sections. If any questions are not applicable, indicate by 'N/A'. Attach a detailed explanation of the reason(s) you are seeking to modify your previously approved research project. Also attach any revised instruments, questionnaires, letters of cooperation, Informed Consent Forms (with current dates and signatures), etc., together with the originally approved version. If submitting a signed form, send by intercampus mail to OIC – Wannalancit 2nd floor, scan & e-mail to irb@uml.edu, or fax to 978-934-6012.

Project Title (of previously approved project): Middle School Pathways in Computer Science

Reason for amendment request: Additional baseline measurement for content knowledge is needed in the pre-intervention assessment.

Date of initial approval by the IRB: July 7, 2014

Date of last continuing review approval by the IRB: N/A

The following change is proposed for the above-titled research project:

- () Principal Investigator has changed. From: _____ to _____.
- () Co-PIs involved in project have been changed, added to, or removed
From: _____ to _____.
- (X) Student Investigators or change in Research Personnel have been added (attach training certification)
Name(s): Mark Sherman, Lijun Ni
- () Addition or deletion of funding source:
Added:
Deleted:
- (X) Addition or deletion of survey instruments, etc. Describe: Three new instruments are being added:
 1. Summer Camp 2015 Structured Interview: A protocol to conduct small-group interviews with students during the upcoming summer camp. This instrument implements previously approved consent protocol. See attached to this document: **StructuredInterview2015.pdf**
 2. Debugging Activity: An activity where students are given a nearly-working project and are asked to fix the problems therein. See attached to this document: **DebuggingActivity2015.pdf**
 3. Modification of Student Survey for summer camp: Previously approved Student Survey is modified to include questions specific to the summer camp experience. The new version of this instrument is attached: **Student_Camp_2015_master.pdf**
- () Addition or deletion of segments of project. Describe:
- () Change in Title:

New Title:

(All forms that require the modification must also be submitted with the amendment.)

() Change in Methodology. Describe:

In some cases, the original protocol must also be submitted (using the track changes tool) to show the proposed change in relation to the original protocol.

() Change in number of participants. From: to .

() Addition or deletion of cooperating institutions.

Added:

Deleted:

(X) Revised Informed Consent Form, indicate the revision(s), reason for changes and include date of revisions on form (Revised form(s) must also be submitted with the amendment).

Updated summer camp consent form to include information relating to “non-participating students”

() Translated Materials, list all documents translated. (Certificate of Translation must also be signed and submitted).

() Other, explain:

Name of PI: Fred Martin	Date: June 29, 2014
PI Signature:	
OR (X) Check here if submitted electronically from the PI’s email account.	