

Mobile Learning Fellowship
Final Report
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Progress on key items:

The RTI Mobile application was developed in cooperation with an ACU programmer. This application was developed in order to aid in the ease of collecting data for intervention programs in the school setting. The application contains key features needed by a wide variety of professionals to collect and share student progress in areas targeted for intervention and improvement. While some behavioral tracking applications exist for mobile devices, most are complicated and difficult to use. Many do not have the ability to track data for academic interventions.

The RTI Mobile application answers a huge need in the field of education. A change in federal law requires school districts to measure Response to Intervention before referring children with difficulties for special education evaluation. Due to this, there is a need for easy, effective ways to collect data, manage, and share data. The RTI Mobile application is an answer to this need. It is easy to use and allows up to the minute collection of detailed information about a student.

With continued development, the RTI Mobile application has the potential to lead to big changes in the field of education. It is a prime example of combining cutting edge technology and research to develop a product that will make a difference in how business is conducted within a particular field. The RTI Mobile application is an example of research in action, using mobile technology to change the field of education.

- A total of 23 Undergraduate and graduate students were on the research team that carried out the intervention programs through trainings and readings.
- Two student co-leaders were responsible for assuring that all research team members were trained in the use of the application as well as monitoring the daily input from team members and maintaining the database on a daily and weekly basis and providing teachers and administrators at the school sites with feedback on participant progress. These students met with the school principals/administrators, set up the rooms for the program, and organized a plan of service.
- The graphing system was not completed on the application that was used this year. Discussions are on-going with developers and it is hoped that the graphing system will be put into place for use with the version developed in Fall 2010.
- Two sites at local elementary schools were finalized; these are Bonham Elementary School and Ortiz Elementary School in Abilene Independent School District.
- An ACU student developer was assigned to work on this project to develop a prototype application and materials necessary for implementation, such as a database for sending daily input to in order to store and monitor, as well as

developing or linking to a compatible graphing program. The graphing component of the application was not finished in development.

- 11 itouch devices equipped with the application were obtained through Team 55 in order to carry out the pilot program. Thus, 11 student researchers were able to use the RTI Mobile application in both academic and behavior intervention programs.
- This application and the preliminary results of the study were presented both at the National Association of School Psychologists annual convention in March 2010 and the Texas Association of School Psychologists annual convention in October 2009. A lot of interest has been expressed both at ACU, at the state level, and nationally in this application and its use in the public schools. A nationally recognized publisher came to the NASP presentation and spent some time speaking with us about the uses of this application.
- Since this application was not completed by the developer in the format that would make it able to be launched in the application store, I applied for another Mobile Learning Fellow position. While I did not obtain full funding for the project and the support for it, I did receive an offer for partial funding that I hope will cover the cost of further development, which will complete the application and allow it to be sold in the application store and thus used by other professionals in the school system.