Brief description: Opportunity for a motivated student to work over the summer with Emilia Tjernstrom (in the La Follette School of Public Affairs) on an Android app development project. This is a chance to gain some experience and contribute to the field of ICT4D (ICT for development). Undergraduate and graduate students are both welcome to apply.

Pay: This is a paid hourly (limited term, part-time) position with flexible working hours. The exact weeks and number of hours per week are somewhat flexible, as long as the project is completed by the end of the summer. We anticipate the project taking a total of 150-200 hours of programmer time, during the summer of 2016; we will pay $15-20/hour, depending on qualifications.

Deadline: May 19, 2016

Details: You will work with Professor Tjernstrom and a PhD student in Agricultural and Applied Economics to develop a crop-yield simulation Android app. The project is called Bringing FarmVille to the Tropics; a brief video description is available here. We have funding to develop a minimum viable product for a maize farming game based on real crop model simulations. Players will be able to choose inputs (fertilizer, etc.), and the yield will simulated based on a maize crop model. The crop modelling will be done by another team member, but you would be expected to work closely with her to facilitate compatibility between the crop model outputs and the app code. You will be expected to contribute to application testing and documentation. The goal of the game is to allow smallholder farmers in Kenya to experiment with novel inputs, and we hope to pilot the app in the field during the fall of 2016.

Qualifications:
- Proficiency with Objective-C or Java
- Mobile application (Android) development experience
- An interest in international development topics is desirable, but not required.

Application: Please send a brief cover letter and a resume to tjernstroem@wisc.edu. Please note whether you will be in Madison during the summer, and your anticipated travel dates if you do plan to travel.