**Country of Study:** Kenya  
**University:** Egerton University  
**Department:** Agriculture  
**Student Position:** Graduate Research Assistant — MSc  
**Home Country:** South Sudan  
**Home Institution:** Catholic University of South Sudan  
**Home Position:** Teaching Assistant  
**Mentored By:** South Sudan: Catholic University of South Sudan

**Research Area:** Soil Science

**BHEARD PROGRAM START DATE:** August 2014  
**HOMETOWN:** South Sudan  
**UNDERGRADUATE EDUCATION:** Alexandria University, Egypt  
**RESEARCH INTERESTS:** The effect of organic (cow and goat) manure on the yield of maize in Wau/South Sudan

Adoul is interested in this particular field for several reasons. In South Sudan there are many cows and goats, and the ordinary farmers cannot afford inorganic fertilizer, so instead they use animal manure. In addition, maize, also knowns as corn, is the second largest crop in South Sudan. It is one of the most extensively cultivated cereal crops on Earth. More is produced by weight, than any other grain, and almost every country on Earth cultivates maize commercially for a variety of uses. Finally, using organic manure is considered a sustainable agriculture practice, which is an agricultural production and distribution system that minimizes adverse impacts on health, safety, wildlife, water quality, air, and the environment in general. Sustainable agriculture practices achieve the integration of natural biological cycles and controls, protect and renew soil fertility, optimize the management and use of on-farm resources, and reduce the use of nonrenewable resources and purchased production inputs.
PERSONAL STATEMENT:
Adoul’s goal for his future academic work is to establish an agricultural research center in South Sudan. He will focus on the training of farmers, as well as students, on the scientific method of farming, how to develop high-yielding varieties, and how to improve soil quality.

In his spare time, Adoul enjoys playing soccer and going out with friends.