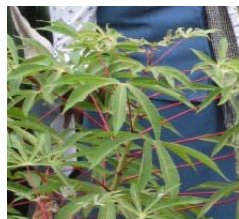
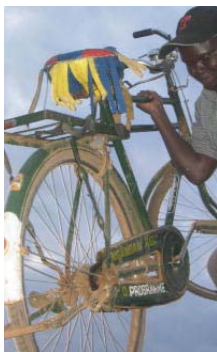


Introducing a new study:

Crops, Cellphones and T-Cells: Technology Change for Livelihood Security in Sub-Saharan Africa

This study seeks to learn from technology innovations and adaptations among communities hard-hit by, and responding to, the challenges and impacts of HIV and AIDS throughout Africa. From Ethiopia to Ghana to South Africa, technologies spanning prevention to treatment and care to mitigation are emerging and being adapted to local realities. Please help us learn more about these efforts which involve dynamic individuals and community organizations, as well as development agencies and government programs; to develop, test and promote technologies to meet local needs, including:

- no-till farming and other conservation agriculture techniques to ease labour peaks
- using donkeys, lighter implements and improved harnesses for animal traction
- the rejuvenation of indigenous crops and farm systems for food security
- adopting an hybrid Vitamin A enriched sweet potato



- testing *moringa oleifera* and other agroforestry innovations for nutrition and income
- using herbal remedies to treat opportunistic infections and for palliative care
- gardening to support AIDS-affected youth and preserve agricultural knowledge
- local manufacturing of a rugged motorcycle sidecar
- bicycles to facilitate mobility of volunteer home-based care-givers

- ARV therapy combined with indigenous plants for nutrition
- “improved” beehives for honey for sale and nutrition
- goat husbandry for nutrition and income
- labor-saving techniques for household water supply and purification
- SMS/text-messaging to disseminate information and improve care of PLHA
- satellite radio broadcasts of labour-saving technologies for farming
- handheld computers to gather surveillance data (and more)

Our growing inventory is being gathered through internet and email communication: you can help enrich and expand this study: Please share your insights, anecdotes and suggestions for community-based changes that we might not already know about. (The full database will eventually be made public: write us for a draft.)

In-depth fieldwork will also be undertaken to investigate specific changes in 2-3 locations to identify opportunities and barriers to appropriate technology change. The study aims to answer two distinct questions:

- (1) How are African communities affected by HIV and AIDS **actually responding** through the adoption, adaptation, innovation of technologies to enhance their livelihood security?
- (2) How does the development **policy** framework of governmental and non-governmental actors either facilitate or hinder technology innovation for livelihood security?

For more information about our current database of technology changes, and to share insights from your fieldwork and research: please contact either of the investigators by email (or phone or snail mail):

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