



COMPANION NEWS



Hygiene & Sanitation Training

Anyone who is planning a visit to Tanzania may be interested in gaining some knowledge in Hygiene and Sanitation. Lifewater International is conducting a course in St Paul beginning February 11. A registration form and other information is located on Page 5.

Institute of Agriculture of Tumaini University

By Mark Jensen, Director

We would like to take this opportunity to introduce everyone to the Institute of Agriculture, Tumaini University, Iringa, Tanzania. It has been in the planning stage for several years.

A feasibility study by different University and government personnel was done in a seminar in October of 2002. From that seminar a brief and a plan were developed. It is time now to get the institute up and running so we can have our first classes in May of 2005. The following shows the goals and needs to start the new institute.

Long-term Goal:

Take Iringa Agriculture from current subsistence need to 120% of subsistence production in 10 years. (Currently production is at 90% subsistence.)

Goal Accomplished by:

Take current researched practices of Sokoine University to the current village farmers by:

- Demonstration plots at Mgongo and Mpanga Farms
- Run short courses to train pastors-farmers-consultants
- Develop Markets, domestic and export, for any excess crops or cash crops.
- Add value to crops by processing

Higher prices will give incentive to produce more than at the subsistence level.

[Continued on Page 3](#)



Inside this issue:

Upcoming trips of partnership churches	2
Laptop Computers	3
Registration form for Lifewater Hygiene and Sanitation training	5

Compatible Technology International (CTI)

When we think of CTI and Bega Kwa Bega, we think of "grinders". That is because in the last year three grinders have been placed with companion parishes; Mlowa, Kipaduka, and Ipalamwa. These grinders not only provide a means of making nutritious food but also a way for some of the women who have no other way to support themselves, to earn an income.

CTI is a not for profit organization which started in 1981 with a vision: To improve the economic and nutritional well being of individuals in developing countries through the development and application of appropriate food, water and related technologies. The volunteers involved with CTI:

- Design and adapt

inexpensive food processing and water purification technologies

[Continued on Page 4](#)



Grinder in Mlowa



Upcoming trips of partnership churches

The following are people who will be going to Tanzania in the next few months. As you become aware of additional travelers, let me know and I will add them to this list. This is a good way to send mail to your companion congregation and have it get there quickly.

December 2003 Departures

Dec. 15 - April 15 Arne & Mary Blomquist
 Dec. 26 - Jan 9 Shepherd of the Valley (Pastor Bonnie Wilcox, Dr. Randy Hurley-7)

January 2004 Departures

Jan. 8 - April 8 Don & Eunice Fultz
 Jan 10 – 24 St Olaf Professor at Tumaini(Chadwick)
 Jan. 12 - Feb. 4 Gary & Audrey Erdmann, Luther Seminary
 Jan. 13 – 28 King of Kings (Pastor Olsen, G. Britz, E. Olsen, A. Hooper) (4)
 Jan. 23-? Augustana (Mark Aune) (5)
 Jan. 23-Feb. 6 Carol Langness

February 2004 Departures

Feb. 4 – 19 Christ (Hill) - Roger & Jean Schwartz(3)
 Feb 4 – 21 Pastor Jeanne Markquart, Incarnation

March 2004 Departures

Mar. 1 - May 13 Bo & Julie Skillman, 2 children (from Christiania, 2 ½ month)
 Mar. 3 –19 First, Rush City (Deb Pangerl) (5)
 Mar. 4 – 19 Arlington Hills (Pr Marian Eisenmann)(3)
 Mar. 4 –19 Gary & Kit Elert, 2 children
 Mar. 4 - July 31 Sally Harris - teaching at Tumaini
 Mar. 17 –31 St. Mark's, NSP (Pastor Hanson, (24)
 Mar. 17 – 31 Prince of Peace, Roseville (Lee & Sandi Poppe (7)
 Lee/Sandi return April 14th
 Mar 17 – April 9 Faith, Forest Lake (2)
 Mar 30 – April 16 Skillman parents (2)
 Mar 30—April 30 Keith Olson & water group (4)
 Keith stays until mid-May

April 2004 Departures

Apr. 4 - July 31 Pastor Paul Harris - teaching at Tumaini

May 2004 Departures

Mid-May – July 31 Arwynn Harris
 May 15th - ? Stan Muessel & a teacher - Pomern/Mtera connections

June 2004 Departures

June 11 – 30 Easter, Eagan (2 and maybe more)
 June 13 – 30 Augustana (Don Marsh, youth group) (17)
 June ?? Keith Olson and Water Group/S&H Group (training & dig wells)

July 2004 Departures

July 3 – 22 Peace, IGH (Chris and Linda Becker) (12)
 July 12 – Aug 4 St. Stephen's, WBL (Pastor Jim Woodruff - Tumaini and Lukani)(13)
 July 12 - Aug. 3 Our Saviour's, Hastings (Moody group) (10)
 July 14 – 29 Christ the King, New Brighton (12-15)
 July 21 – Aug 4 Family of Christ ,Lakeville (8)

August 2004 Departures

Aug. 2 – 16 Christus Victor (Patricia) (2-3)

September 2004 Departures

??? Perhaps a Water Group

October 2004 Departures

Oct 20 – Nov ? Incarnation (?)
 October 23 Tumaini Graduation

November/December 2004 Departures

None scheduled as of December 11, 2003
 Mid-December – Arne/Mary Blomquist return to Tanzania

Continued from Page 1**Initial needs for THE INSTITUTE OF AGRICULTURE, TUMAINI UNIVERSITY:****Mgongo Farmstead:**

Building to meet and office space = \$2000

Supply room = \$1000

Shelter for processing = \$2000

Mill for grinding = \$1500

House for Farm Manager & Kitchen = \$2000

2 Oxen plus tillage equipment = \$500

Farm Manager (yearly = \$1200) Livestock facilities (future) = \$????.

Mgongo Demonstration Plots = \$1200 per 2 hectare plot (3 to start). Mgongo Farm: Water containment to use irrigation to enhance seed development and to use irrigation to raise additional crops in dry season = \$????.

Mpanga Farmstead:

House for farm manager & kitchen = \$2000

Building to meet and office space = \$2000

Supply room = \$1000

Shelter for processing = \$2000

Mill for grinding and Rice de-huller = \$2000

2 Oxen plus tillage equipment = \$500

Farm manager (yearly = \$1200)

Bedrooms for Visitors (future) = \$2000.

Mpanga Rice Production Project:

Expenses to include seed, equipment rent, fertilizers, herbicides, supplies, transportation, labor, custom tillage, storage, consultant fees = \$48,000

Projected income = \$75,000

Another need is three Department Heads:

1. Research and Outreach - To train approved production procedures, to be in charge of the demonstration plots and to conduct the short course classes.

2. Impact Assessment and Coordination - To build data base and retrieval system and

information collection program for our institute plus Iringa and Tanzania agriculture.

Research and Consultancy - To train consultants, implementation of approved production practices and developed markets domestic & export.

Immediate goal

First short course conducted in the spring (? May?) 2005.

In conclusion I would like to stress the need for prayer and financial support. This is a humanitarian project that will be self supporting in the next 3 to 5 years. I would appreciate any chance to present the needs of the institute and my experiences in Iringa to any groups or individuals that would be interested. If you have questions or want more information please contact me.

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Agricultural
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Elko, MN 55020 USA
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mtjensens@wans.net
Phone: 952-461-2728
Fax: 952-461-2708**

Laptop Computers

If you are looking for laptop computers for your friends in the Iringa Diocese, check out

**Computer Renaissance
2335 Fairview Ave N
Roseville, MN 55113
Phone 651-633-6600**

They reportedly have laptop computers at a "reasonable" price.

COMPANION NEWS

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Look for Companion News on the St Paul Area Synod website: www.spas-elca.org

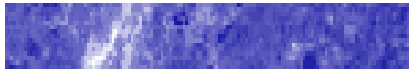


The Companion Newsletter endeavors to keep the St Paul Area Synod members, and others, who have an interest in the Bega Kwa Bega companionship with the Iringa Diocese in Tanzania informed of projects, visits and other activities.

Please send stories and pictures to Galen Britz, editor at gnkbritz@comcast.net.

Contact Galen Britz if you do not want your name on the mailing list for this newsletter.

From Page 1



Compatible Technologies International

Office: Northwest corner of Hewitt and Pascal on the first floor 1463 Hewitt

www.compatibletechnology.org

For technical information:

Ralph Thrane—CTE Past President & Volunteer

rthrane@aol.com

651-227-7892

Or

Jim Sentz—CTI Africa Committee Chair & Volunteer

jesentz@umn.edu

763-785-2731

- Serve as technical consultants and project managers.
- Integrate the technologies into the processing systems currently used in rural households and by micro-entrepreneurs.
- Train the local partners in the manufacture, use, and maintenance of the devices.
- Respond to small-scale food processing and related needs in rural areas of developing countries.
- Expanding and disseminating a potato processing project throughout Northern India.
- Processing breadfruit into flour in Haiti.
- Expanding maize storage and drying technologies in Guatemala.

CTI has programs around the world in Africa, Asia and the Americas including:

- Providing low-tech agro processing improvements throughout Africa, especially engaging ELCA missions and Peace Corps volunteers.
- Partnering with Africa University to assess needs, especially in Southern Africa.
- Ensuring high quality manufacturing of a basic food grinder in Uganda.

CTI has developed solar oven technologies as well. One new application in Haiti and Bangladesh is for roasting peanuts, for grinding and blending into a ready to use therapeutic toddler food.

CTI has another new technology that is in the final testing phase in Nicaragua. This is a "village sized" technology that introduces bacteria killing chemicals in precise measurements into gravity-fed cistern water catchments. The St. Paul Partners-Tanzania Water Project has an interest in this technology, as there are several companion parishes that have water reser-

voirs that could use the chlorinator to assure safe drinking water.

How Can You Help?

Your Congregation can purchase one or more grinders for your companion parish, then as the grinder is able to help generate income, a portion of the cost of the grinder would be repaid.

The Omega model grinder is built in the US for an estimated cost of \$175. CTI has set up a manufacturing site in Uganda to produce the Ewing III grinder for an estimated \$75.

Don and Eunice Fultz would like to place one of the grinders from Ugandan in the near future. If you would like to participate in this project please coordinate it with Don and Eunice. Contact them via email:

St Paul
defultz@isd.net
 Iringa
begakwabega@iringanet.com

Registration for Lifewater International Hygiene and Sanitation Education Classes

Name: _____ Send to:

Address: _____ Lilly Olson

City, State, Zip: _____ 21420 Fondant Ave N

Phone # H _____ Forest Lake MN 55025

W _____

Email: _____ Phone: 651-464-5087

Home church: _____ Email: Olsonka5@aol.com

- Cost of \$135, for St. Paul Synod people, \$150 for other people, includes registration, manual and Thursday and Friday evening meal.
- You should attend all sessions to receive the full blessing of this course.
- Make check payable to: **Faith Lutheran Church/ Tanzania Wells Program**
- Register early as class is limited to 24 participants and people from other parts of the country will be registering.

-----Detach here and retain the Schedule-----

Wed., Feb. 11	6 PM – 9 PM	Lilly Olson: 651-464-5087
Thurs., Feb. 12	8 AM – 8 PM	Email: Olsonka5@aol.com
Fri., Feb 13	8 AM – 8 PM	
Sat., Feb 14	8 AM – 5 PM	

All classes to be held at Shepherd of the Hills in Shoreview.

The Lifewater Hygiene and Sanitation curriculum is based on community development theory from a Christian perspective utilizing *MAP International's* "Let's Build Our Lives." Several other organizations' materials, including *Food for the Hungry's* materials and the *World Health Organization's* PHAST (Participatory Hygiene and Sanitation Training) have been incorporated and adapted for short-term use. Where possible, the training exercises have been integrated with spiritual principles and lessons to communicate the gospel of Christ in words as well as actions.

