



**ITINERARY AND TRIP REPORT**  
**Joseph J. Molnar and Zhanjiang (John) Liu,**  
**College of Agriculture, Auburn University and Aquaculture without Frontiers**  
**Visit to Kenya, December 7 to 15, 2012 for Farmer-to-Farmer Program**

**Friday 7 December**

JOSEPH MOLNAR

1:55pm Leave ATLANTA AR 4:16pm NEWARK DELTA 2042

6:05pm Depart NEWARK for AMS

**Saturday 8 December**

7:05AM Arrive AMS

10:05am leave AMSTERDAM

10:20pm arrive ENTEBBE DELTA 9318

John Walakira and David (AMC driver) are organizing travel to Kisumu. They will meet us at the airport.

John K. Walakira (AU FAA Ph.D. Student). Aquaculture Scientist,  
Aquaculture Research and Development Center-Kajjansi,  
National Fisheries Resources Research Institute-NARO, P.O.  
Box 530, Kampala, Uganda Tel: +256 777673696 Email:  
[johnwalakira2003@yahoo.co.uk](mailto:johnwalakira2003@yahoo.co.uk)

Ben Kiddu, Co-coordinator Walimi Fish Co-operative Society  
Mobile: +256 774 955 878 Tel: +256 312 265 896

Overnight, Shangri-La Hotel, Kampala



**Figure 1. Lake Victoria tilapia at  
Kampala restaurant**

**Sunday 9 December**

11:00AM Meeting with aquaculture researchers at Shangri-La Hotel—John Walakira, Theodora Hyuha,  
Joseph Molnar, John Liu, Charles Masembe

Charles Masembe (BVM, MSc., PhD), Senior Lecturer (Molecular Genetics & Evolution) Makerere  
University College of Natural Sciences School of Bio-Sciences Department of Biological  
Sciences Box 7062, KAMPALA, Uganda Skype: cmasembe10 +256712455987

IMPACTS: Meetings with researchers at Makerere University assessed research needs for fish farming in  
the Victoria Basin, the prospects for genetic improvement of tilapia, and other species; and the  
need for farmer training and demonstration to upgrade the level of practice on fish farms in the  
region.

**Monday 10 December**

At Makerere University

10:00am-10:30am Courtesy call to the Principal's Office : College of Agricultural and Environmental  
Sciences Principal's office--Principal, Theodora, Levi , Visitors and communication officer

10.30am-12:00noon Visit to Dean's office and discussions Conference Room Dean, Theodora, Levi  
, Peter Head of Crop production, Head of Agribusiness and Natural resource Economics, Visitors

12:00- 2:15pm Lunch Break

2:30pm -3pm Visits led by Dr. Theodora Hyuha to the Principal's Office College of Biological and Physical Science, Dean School of Biosciences, and communication officer  
 3pm -4.30pm Seminar John Liu "Fish Genetics Research at Auburn University" ; Joseph Molnar "International Collaboration in Research and Teaching with Auburn University" Dean, Theodora, Head, Head Dept., of Biological Sciences, Dr. F. Muyodi, Dr. Bwanika, Dr. Masembe, Dr. Peter Akol, staff biological sciences, Victors

IMPACTS: Joint seminar was attended by about 30 individuals that include faculty and students. As students were largely engaged in final examination taking and preparation, only about ten students were in attendance—about 6 men and 4 women.

**Tuesday 11 December**

7:00AM Depart for Kisumu  
 9:00AM Kijaansi Station, NaFirri and Chinese station  
 Discussion with Mitchell Ssanagne about prospects for intensive farmer support campaign.  
 11:00AM Depart for Jinja  
 2:00PM Source of Nile Fish Farm  
 Discussion with Mitchel Damian about SON effort to ramp production to 400 tons/year.  
 Tour of farm operations with Elaine.  
 3) If the road has less traffic, then it takes: approx. 1.5- 2 hrs. from Jinja to Busia, and Busia to Kisumu 2-3 hrs.  
 Overnight at Le Savanna Country Lodge & Hotel P.O. Box 3050-40100 , Kisumu-Kenya Tel: +254 057 2021159 Fax: 057 2021139 Cell: +254(0) 714 995510/735 999205 Email: [reservations@lesavannacountrylodge.com](mailto:reservations@lesavannacountrylodge.com)



Figure 2. Source of Nile farm-raised tilapia prepared for export to Congo

With George Osure <[gowiti2002@yahoo.com](mailto:gowiti2002@yahoo.com)> Cell Number is +254 (0)721971882 or +254 (0)735911458

Enos Macwere [emacwere@yahoo.com](mailto:emacwere@yahoo.com)

IMPACTS: This long day of travel was interspersed by visits to research stations, a large commercial farm, and several small communities. John Liu was able to address a number of questions about fish genetics, broodstock management programs, and the prospects for genetics as source of productivity improvement in the Victoria Basin.

**Wednesday 12 December**

8.30 am Travel to Kendu Bay (1 hour drive from Kisumu)  
 Visit Sangoro Fisheries Research Station (KMFRI)



Visit Jewlet Fish Farms (Enos Were) a 30-pond hatchery operation that was renovating ponds. Operation uses geese to control fish-eating bird predators. Successful, well-run exemplar hatchery farm that distributes .5 g fingerlings.



12.00 Travel back to Kisumu and Visit Kibos Fish Farm (Lake Basin Development Authority) a large station for fingerling sales and training.

Tich Kouma Fish Farm (Private Farm) – the Community Based Organization was founded in the 2006 and brought together 20 members to enhance and maintain ecological functions and socio-economic values derived from Dunga swamp in order to protect biological diversity and improve livelihoods of our communities. They have a multi-species fish

**Figure 4. Fingerling production at Sangoro Fisheries Research Station**

pond.  
Overnight at Le Savanne

IMPACTS: Interactions with staff at the Sangoro station revealed the diverse array of species maintained at the station, the outreach program of the station that featured extensive farmer involvement, and the small-scale feed mill that was used to prepare feeds from locally available materials for use on the station.

**Figure 3. Wage laborers renovating fish pond at Jewlet Fish Farms**



**Thursday 13 December**



8.30am to 9.30am Courtesy Call to the Provincial Director of Fisheries (Nyanza province); discussion concerning cell phone text messaging with fisherman about prices and landings with possible adaptation for communication with fish farmers.

**Figure 5. Kenya Marine Fisheries Research Institute in Kisumu**

9.30am Visit a private farmer with a recirculating system in a greenhouse (Lela) with Moi University graduate was a manager. Providing fingerlings on advance order to farmers and organizations. Beginning a small grow out operation.

Bidii Fish Farmers (Luanda) to see on-farm fish feed pelletizer. Cooperative uses locally procured elements to produce and distribute a fish feed at a relatively high price (70Ks / kg).

2:00pm Visit Dominion Farms in Siaya with Carlos , Aquaculture Manager, Large-scale soybean, corn, and rice farm with 30ha of ponds ramping to 300 ha. Feed mill uses own soybeans and other materials. Farm provides extensive wage labor employment to surrounding communities. Some need for water supplies for local

communities.  
Dominion Farms General  
0713551086/0720695223  
<calvinb@domgp.com>

Chris Air [chris.abir@domfarms.com](mailto:chris.abir@domfarms.com)  
Manager Tel  
Calvin Burgess, Dominion Farms Owner



**Figure 7. Extension Officer George Osure and Jewett Fish Farm and Manager Mrs. Enos Were**

Visit Beach

landing on Lake Victoria.  
Discussion with BMU President treasurer.

Overnight at le Savanne Hotel.

IMPACTS: Discussions with 7 farm managers (1 woman) focused on production operations, marketing, and relationships with surrounding farmers, and the role of wage labor in farm operations.

**Friday 14 December**

Visit to Moi University-Eldoret cancelled due to student unrest

Geraldine K. Matolla Department of Fisheries and Aquatic Sciences Chepkoilel University College (A constituent college of Moi University) P.O.Box 1125-30100 Eldoret, Kenya Mobile: +254 724 951 440 email: [gmatolla@yahoo.com](mailto:gmatolla@yahoo.com)

Julius Otieno Manyala Senior Lecturer (Fisheries) Department of Fisheries and Aquatic Sciences Chepkoilel University College (A Constituent College of Moi University) P. O. Box 1125 30100

Eldoret – Kenya Email: [manyalajo@yahoo.com](mailto:manyalajo@yahoo.com) [jmanyala@hotmail.com](mailto:jmanyala@hotmail.com) Tel.: +254 733 397  
285 +254 725 246 885

## **Saturday 15 December**

Noon Lunch with Amrit Bart (Asian Institute of Technology, Vietnam), Lucas Manomaitis



(American Soy Bean Association, Bangkok), Enos Macwera, L. Macwera at Le Savanne Hotel

3:00pm Kenya Airways 661 Kisumu to Nairobi; Kenya

Airways 412 5:55pm to Amsterdam canceled

Overnight at airline expense

IMPACTS: Through a serendipitous meeting we were able to brief the incoming Farmer-to-Farmer teach about the nature of our visits and potential issues they might address during their visit.

**Figure 5. Jewlet Farms' Mrs. Enos Were, Lukas Manomaitis, Enos Were son, John Liu, Joseph Molnar, Enos Were, and Amrit Bart.**

## **Sunday 16 December**

11:50PM KQ102 to LHR

## **Monday 17 December**

8:45 AM DL 39 to ATL Arrive: 1:40 PM

Kevin Fitzsimmons, Ph.D. Director, International Programs, College of Agriculture and Life Science Professor, Research Scientist and Extension Specialist, Department of Soil Water and Environmental Science University of Arizona 1140 E. South Campus Drive Forbes 306 Tucson, AZ 85719 <http://ag.arizona.edu/azaqua> office: 520-626-3322 cell: 520-820-0643