

## University of Leeds Visit to Tanzania March 2009

### Faculty of Medicine & Health



#### **Background**

The University of Leeds is committed to developing a long-term research (and potentially education) base in Africa. A visit to Tanzania by a University of Leeds (UoL) team took place in March 2009. This visit followed on from an initial exploratory visit to the International Institute of Tropical Agriculture (IITA) headquarters in Ibadan, Nigeria in March 2008 undertaken by members from the Faculty of Medicine and Health (FMH) in scoping out the potential for an International Platform in Africa. Subsequently, a return visit to Leeds from IITA in September 2008 followed and involved in addition to the International platform and FMH members, a series of meetings with the newly formed “Africa College” - an interdisciplinary research initiative funded by University of Leeds transformation fund in human health and sustainable food security in Sub-Saharan Africa. UoL and IITA signed a formal Memorandum of Understanding in November 2008.

#### **Purpose of Visit to Tanzania**

Tanzania was identified as a mutually advantageous centre, building on both a breadth of UoL contacts and the IITA regional centre, to capitalise on the intention to involve other African partners. The Director General of IITA, Peter Hartmann reinforced the link with UoL in a preparatory email to all IITA scientists stating that “IITA’s effectiveness depends on strong links to advanced research institutions and national partners”. The purpose of the visit was outlined in a preparatory document (appendix 1). This included two strands of activities: one primarily focussing on developing research areas in human health and food security in Sub-Saharan Africa (led by AC), the second on other medicine and health related activity (FMH International Platform). Both initiatives aim to engage the wide expertise of a major UK University to help address the needs of Africa in relation to the Millennium Development Goals.

### **Key Activities undertaken during the Visit**

These were facilitated by and involved a number of Leeds alumni holding key positions of responsibility within governmental, NGO and higher educational institutions. Appendix 2 outlines the key people involved in the visit. Appendix 3 outlines the activities undertaken during this visit.

*This report will focus primarily on the FMH activities; detailed reports will be available on the FMH international website (<http://www.leeds.ac.uk/medhealth/international/index.html>) and from the AC activities on their website (<http://www.africacollege.leeds.ac.uk>).*

### **IITA and University of Leeds Meetings**

The Visit commenced with welcomes from Dr Peter Hartmann, Director General of IITA and Professor Peter McWilliam, Dean of Faculty of Medicine & Health, University of Leeds. Both reiterated the commitment of the institutions in developing an effective long term partnership, underpinned by sound research, spanning not only enhancement of food security but translation into improved health and nutrition for Africa.

'Impact' was a resonant theme in the introductory session, both from the perspective of the UoL 's key strategic aim of making a major impact on global society, and in developing and maintaining high quality international strategic partnerships but clearly leading from the primary purpose of IITA– to improve the health of sub-Saharan Africa through improved nutrition. This highlighted UoL capacity for wider developmental potential in both health policy and in developing academic potential through adaptable models of research studentships.

The purpose of the transformation fund supporting the work of AC, a collaboration between 3 Faculties within UoL (Biological Sciences, Environment and Medicine & Health) resonated well with the outlined aspirations of IITA including not only research expertise, but also expansion into impact of medical implications of bio-fortification and food safety, cost benefit, financial implications. The need to not only increase the quality and capacity of research but strengthening the medical / nutritional components of the research portfolio was a recurring theme .

AC members then continued meetings with both IITA and other Tanzanian Research scientists over 2 days to identify potential research projects. Key areas of discussion included food systems for sustainable food security, nutrition and health, crop-centred agriculture including biotechnologies, and ecoservices. An overarching theme for the research programme was proposed: Systems Approach to Sustainable Agriculture in 2050 (SASA) . The outcomes document has been agreed with IITA, lead scientists identified and the process of generating grant applications has been initiated.

(details will be posted on the website <http://www.africacollege.leeds.ac.uk>).

At the final wrap up meeting, progress was summarised emphasising the collaboration between UoL and IITA around the key area of interest in agriculture and nutrition, with interdisciplinarity and involvement of a wide range of partners an underpinning principle.

### **Meetings with Ministries**

The ministries are key influences in the success of initiatives in Tanzania. The purpose of these meetings was not only to introduce the vision and aspirations of University of Leeds in establishing a presence in Tanzania, but also to enhance our understanding of the key needs and priorities of the Tanzanian government and people.

### ***Ministry of Health and Social Welfare***

At the request of the Chief Medical Officer, representatives from Leeds and IITA met with the Directors for Human Resources Development, Preventive Services, Services, Hospital Services, and Personnel and Administration. Open discussion explored the key priority areas and targets for Tanzanian health, with the directors stating their interest in the link between agriculture and health, including food nutrient enrichment, and transforming research into practice.

Key areas of priorities for this ministry were outlined to be implementation of evidence based practice, health systems research, and enhanced health personnel capacity and development. Shortage of trained health care service personnel is a key issue and integral to the decentralisation policy of improving primary health care delivery. Significant areas of preventive priorities included key areas of focus around not only infectious diseases, but also in malaria .

The directors stated strong interest in facilitating the planned presence of University of Leeds within Tanzania, and expressed their willingness to participate as a key source of information, liaison and dissemination.

A Meeting with the ***Ministry of Agriculture*** was undertaken by Africa College.

### **Educational and Academic Institutions**

By visiting a number of other academic institutions, we intended to identify potential collaborators and research problems to develop partnerships, which will extend to enhancing academic capacity in teaching as well as research.



### ***Muhimbili University of Health and Allied Sciences (MUHAS)***

MUHAS emerged as an independent University in 2007 having previously being a constituent college of the University of Dar es Salaam. MUHAS offers courses in Medicine, Dentistry, Nursing, Pharmacy, traditional medicine (mostly research) and allied health sciences.

Meetings with the Deans of Medicine and Public Health outlined the current challenges for this institution. These included a significant curricular review of all undergraduate and postgraduate courses, aligned with their need to not only update educational approach but also review capacity for addressing the national deficit in health care personnel. MUHAS has a range of research interests and activity. Human resource capacity for research is limited (as within all higher education institutions) and enhancing research capacity and skills within the institution would be considered a key need. Nutritional angle of research area was of interest. MUHAS have a number of collaborations currently in place, including a successful Gates Foundation award (with UCSF) focussing on strategies to facilitate MUHAS (and other African institutions) to address Tanzania's health workforce needs. Notwithstanding these collaborations, they were interested in exploring areas of commonality with UoL.

Key areas of interest for collaboration with UoL across a number of areas were discussed and these may include:

- Health care education, both undergraduate + postgraduate
- Epidemiological studies, particularly in relation to cohort studies
- research methodology
- nutrition
- communicable diseases
- capacity strengthening especially within the institutions
- maternal mortality and health in public health

### ***Kilimanjaro Christian Medical College – Tumaini University (KCMC)***

KCMC was established in 1997 alongside the referral and teaching hospital and has 16 schools of allied health sciences. The Provost outlined the role of this institution in training health care professionals, and their predominantly clinical research interests. KCMC has a number of international collaborators, including Nottingham (UK), Nijmegen (Netherlands) and Copenhagen. The predominant focus of discussion included potential for postgraduate courses, and the current collaboration developing masters programmes between with CEDHA, KCMC and UoL (Nuffield).

### ***CEDHA: Centre for Educational Development in Health, Arusha***

CEDHA is one of 8 zonal training health care centres that belong to the Ministry of Health. It has five operational departments, including Health Personnel Education, Public Health, Health Management Studies, Health Learning Materials and Administration. The NCIHD has a 5 year project to develop Masters level health management and health personnel



education courses with CEDHA and KCMC.

Key themes explored during the visit included their role as a zonal training centre in the roll out of TEHIP (Tanzanian Essential Health Intervention Project), creating strategic collaborations, including the potential for research, transferring research into practice (a key role of the zonal training centres) and policy at local and national level. CEDHA has a vision of sharing of knowledge across different African countries, with a

current project to facilitate networking of teaching and shared experiences. CEDHA faces issues of how to integrate research findings into policy issues for implementation into local policy. The Tanzanian Decentralisation agenda is central to these issues.

### ***Ifakara Health Institute***

Ifakara's strategic plan includes research, training, services and institutional development. Potential areas for collaboration were explored, including epidemiology and biostatistics.

Members of AC met with ***University of Dar es Salaam*** and ***University of Sokoine*** where agriculture is the academic focus, and similarly they have been sent directly by AC their research outcomes document.

### **Other Professional Bodies**

#### ***ECSA – HC: East, Central and Southern African Health Community***

ECSA was formed in 1974 to serve the health sectors of 10 countries and manages programmes in Family and Reproductive Health, Food and Nutrition, HIV/AIDS, Health Systems Development, Human Resources Development and Capacity Building and Information Communication and Dissemination. It houses two autonomous Colleges – East, Central and Southern Africa College of Nursing (ECSACON) and the College of Surgeons of East, Central and Southern Africa (COSECSA). A Centre for Health Policy, Research and Leadership Development is planned for a site in Arusha (donated by the Tanzania

Government). The Centre is envisaged as responding to two major constraints to the functioning of health systems – the need for enhanced governance and effective leadership, and the related need to strengthen links between the production of evidence and its use by policy-makers. The functions proposed for the Centre are:

- Research, information exchange and dissemination of best practices
- Policy analysis, development and advocacy
- Education, training and capacity building
- Health systems development
- Leadership and management development



An evening meeting was held with the Director, Operations & Institutional development, and with delegates from COSECSA. This allowed outline discussions on the role of ECSA and potential for incorporation of this aspiration within the University of Leeds wider potential role within Tanzania.

### Healthcare Facilities

#### ***Meru District Hospital and Usa Health Centre,***

The visit to a district hospital and a local village health centre illustrated effective local healthcare delivery utilising local expertise to deliver effective and good quality primary diagnostic and preventive health care services. This enhanced our understanding and contextualised the healthcare training needs implicit within the Tanzanian decentralisation policy.



Other organisations visited by FMH staff to evaluate possible collaborations included

- Save the Children Fund***
- Tanzanian Food and Nutrition Centre***
- World Vegetable Centre***
- Helen Keller International***
- Afrikabisa***

### **Alumni Reception**

#### **Residence of Country Director of British Council, Dar es Salaam**

This was a very successful evening attended by representatives of IITA as guests of the University of Leeds, and hosted at the home of the British Council Tanzania Country Director (Kate Ewart-Biggs). 18 Leeds' Alumni were in attendance, the majority of whom had trained at the Nuffield Centre. A number of additional UoL alumni had been encountered during the meetings held in Tanzania, but were unable to attend the reception. The enthusiasm and willingness to continue an enduring relationship with UoL was a recurring theme of all discussions with the Leeds alumni.

A detailed report of this reception will be available on <http://www.leeds.ac.uk/medhealth/international/index.html>



### **Next Steps**

A number of areas were identified as important outcomes from this visit for FMH.

- The Leeds FMH team would report back to the FMH executive, and to the wider university. AC and IITA will report back to their executive committees.
- Follow up of contacts in Tanzania and other sub-saharan Africa leads, exploring wider potential of international collaboration
- Development of role and needs for UoL presence in Tanzania, including physical requirements for base, potentially in collaboration with other appropriate partners would be explored. Once identified field site is established, further visit(s) will be necessary to hold more detailed discussions on infrastructural and capacity needs.
- UoL in collaboration with IITA will be pursuing potential funding sources
- Follow up meetings are proposed; these could include with IITA (potentially at IITA headquarters in Ibadan, Nigeria in November 2009) and within Tanzania



# Visit by University of Leeds Team to Tanzania 23<sup>rd</sup> to 27<sup>th</sup> March 2009



**UNIVERSITY OF LEEDS**

## **Background**

A visit to Tanzania by a University of Leeds team will take place in the week of 23-27<sup>th</sup> March 2009. This visit follows on from exploratory visit to the International Institute of Tropical Agriculture (IITA) headquarters in Ibadan, Nigeria and a return visit to Leeds from IITA in 2008. This has resulted in a commitment of the University and IITA to work together and to draw other African stakeholders into interactions with us.

It will have two strands: one primarily focussing on our initiative in human health and food security in Sub-Saharan Africa (Africa College), the second on other medicine and health related activity (International Platform of The Faculty of Medicine & Health). The Africa College initiative at Leeds stems from a decision by Leeds University in August 2008 to fund an initial 5 year effort with start-up funds of £2.8m to establish interdisciplinary research involving the University and international partners. Africa College and the International platform are both committed to developing a long-term research (and potentially education) base in Africa. Both initiatives aim to engage the wide expertise of a major UK University to help address the needs of Africa in relation to the Millennium Development Goals. Our challenge is to link our wide range of expertise that is currently used for other purposes to the needs of Africa.

## **Purpose of Visit to Tanzania**

The purpose of the visit to Tanzania is threefold: to meet with a) IITA, b) other potential partners e.g. Kilimanjaro Christian Medical College, U of Muhimbili, U of Dar es Salaam, Sokoine University of Agriculture and c) wider profile-raising within Tanzania (e.g. visiting the Ministries of Health & Social Welfare, and Agriculture).

## **The key personnel involved in the visit:**

- a) Members of the Africa College will develop research ideas and collaborations that emerge from meetings and workshops with IITA and others in Tanzania.
- b) Members from Faculty of Medicine and Health who will be working on the wider scoping as well as raising the profile of UoL and FMH.

<b>Africa College delegates</b>	
Prof. Howard Atkinson	Leader Africa College, Plant Biotechnology
Prof. Christine Foyer	Plant Stress
Prof. Tim Benton	Pro-Dean for Research, Faculty of Biological Sciences, sustainable agriculture
Dr Keith Hamer	Leader of Bioservices, Biodiversity and Ecology theme
Dr Anne Marie Mayer	Human nutrition and plant foods
Dr Susannah Sallu	Sustainability Research Institute
<b>International platform delegates</b>	
Prof. Peter McWilliam	Dean, Faculty of Medicine and Health
Prof. Deborah Murdoch-Eaton	Chair, International Committee, Faculty of Medicine and Health
Prof. James Newell	Nuffield Centre for International Health and Development, Leeds Institute of Health Sciences
Mrs Antoinette Morcom	Faculty of Medicine and Health International Administrator

## **Structure of Visit**

FMH staff will visit: IITA Tanzania, Tanzanian Ministry of Health & Social Welfare, Kilimanjaro Christian Medical College (KCMC), the Centre for Educational Development in Health (CEDHA), East Central and Southern Africa Health Community (ECSAHC) and the University of Muhimbili.

Africa College staff will visit IITA Tanzania, the Ministry of Health & Social Welfare, the Ministry of Agriculture, and the Universities of both Dar es Salaam and Sokoine.

There may also be a visit to DFID and the British Council.

With the kind assistance of the British Council, we plan to hold an Alumni event in Dar es Salaam. Invitations to this will also include DFID, The British High Commission, Ministries of Education, Higher Education, Health & Social Welfare, & Agriculture, and the Mayor of Dar es Salaam.

## ***Purpose of Visit to IITA Tanzania***

IITA is a key member of our new partnership and essential both to help focus our efforts appropriately and to ensure our outputs are taken up for translational research to reach those that can benefit in Africa. The visit is the next stage in developing the relationship between IITA and Leeds. This visit will have two main foci: the establishment and cementing of the relationship with IITA based on joint research efforts and looking at the potential for the collaboration including working with IITA as partners in possible wider associations.

These discussions will include the practicalities of the relationship, for instance, the timescale for the development of the base in Tanzania and talking through our possible requirements eg facilities. The visit will also facilitate scientific discussion and help identify areas of potential research collaboration.

## ***Purpose of Visit to Arusha, including Kilimanjaro Christian Medical College, Centre for Educational Development in Health Arusha and East, Central and Southern Africa Health Community***

This would involve looking at what might be a potential relationship between our Faculty of Medicine & Health and KCMC, what opportunities are available and what might be the benefits on both sides. This may of course have a particular focus on the educational areas (undergraduate and post graduate collaborations) while opening up avenues for us to make further links with other researchers in our Faculty and more widely in the University.

Visiting CEDHA will help cement relationships that have already developed with the Nuffield Centre and provide the opportunity to explore the potential for collaboration within the wider Faculty. ECSAHC is newly formed and discussions with them may help us identify development needs outside of Tanzania.

## ***Purpose of Visit to Tanzanian Ministry of Health & Social Welfare and Ministry of Agriculture***

The Ministries of Health & Social Welfare and Agriculture are potential key influencers in the success of both initiatives in Tanzania. At both meetings we would look to raise awareness of the University of Leeds establishing this relationship with Tanzania and also undertake some scoping to determine the needs of the Ministries and how University of Leeds might be able to help Tanzania.

## ***Purpose of Visits to Universities of Dar es Salaam, Muhimbili and Sokoine***

By visiting Tanzanian universities we hope to identify potential collaborators and research problems to develop partnerships which will extend to enhancing academic capacity in teaching as well as research.

## ***Alumni Event in Dar es Salaam***

Hosting an Alumni event gives us the scope to involve wider partners (e.g. British Council and DFID) who may be helpful in the longer-term development of the project. Many of the Leeds Alumni are well placed within various agencies and these relationships may also be helpful in the longer-term.

Prof Peter McWilliam  
Dean  
Faculty of Medicine and Health

Prof Deborah Murdoch-Eaton  
Chair, International Committee  
Faculty of Medicine and Health

Prof Howard Atkinson  
Leader, Africa College  
Faculty of Biological Sciences

*Further information available from Mrs Antoinette Morcom, Tel: 00 44 (0)113 3438550  
email A.Morcom@leeds.ac.uk*

**Appendix 2**  
**Key Personnel Involved in the Visit**

**University of Leeds Staff**

<b>Africa College delegates</b>	
Prof. Howard Atkinson	Leader Africa College, Plant Biotechnology
Prof. Christine Foyer	Plant Stress
Prof. Tim Benton	Pro-Dean for Research, Faculty of Biological Sciences, sustainable agriculture
Dr Keith Hamer	Leader of Bioservices, Biodiversity and Ecology theme
Dr Anne Marie Mayer	Human nutrition and plant foods
Dr Susannah Sallu	Sustainability Research Institute
<b>International platform delegates</b>	
Prof. Peter McWilliam	Dean, Faculty of Medicine and Health
Prof. Deborah Murdoch-Eaton	Chair, International Committee, Faculty of Medicine and Health
Prof. James Newell	Nuffield Centre for International Health and Development
Mrs Antoinette Morcom	Faculty of Medicine and Health International Administrator

**IITA Staff**

Dr Peter Hartmann	Director General, IITA
Dr Steffen Abele	Director of Research, IITA Tanzania
Dr Victor Manyong	Officer in Charge, IITA Tanzania (Social Scientist)
Dr James Legg	Virologist, entomologist, IITA Tanzania
Dr Edward Kanju	Plant/Cassava Breeder, IITA Tanzania
Dr Adebayo Abass	Post Harvest Technologist, IITA Tanzania
Dr Caroline Herron	Virologist, IITA Tanzania
Mr Hein Bouwmeester	Global Information Systems Specialist, IITA Tanzania
Dr Leena Tripathi	Biotechnologist, IITA Uganda
Dr Bussie Maziya-Dixon	Nutritionist, IITA Nigeria
Dr Daniel Coyne	Plant Health, IITA Uganda
Dr Dong-Jin Kim	Biotechnologist, IITA Kenya
Ms Frances Onyango	Regional Administrator
Ms Catherine Njuguna	Corporate Communications Officer, IITA Tanzania

**Local Partners**

Dr Aloyce Kullaya	Mikocheni Research Institute
Mr Newton Temu	Mikocheni Research Institute
Dr Emmarold Mneney	Cashew Biotechnology Unit
Mrs Mary Lutkam	Ministry of Agriculture
Mrs Eva Kanyeka	Ministry of Agriculture
Dr Cornel Rweyemamu	Sokoine University of Agriculture
Dr Paul Kusolwa	Sokoine University of Agriculture
Prof Julias Matovelo	Sokoine University of Agriculture
Dr Gratian Rwegasira	Sokoine University of Agriculture
Dr Mugussa Rubindamay	University of Dar es Salaam
Prof Pius Yanda	University of Dar es Salaam
Dr Kenn Hosea	University of Dar es Salaam
Dr Paul Maro	University of Dar es Salaam
Dr Godwin Ndosi	TFNC
Dr Sabass Kimboka	TFNC
Dr Nicholas Mlingi	TFNC
Dr Rose Kingamkono	COSTECH
Dr Nicholas Nyange	COSTECH
Dr Debora Ash	HCIP
Prof Marjorie Mbilinyi	TGNP

## Appendix 3

### Timetable of Tanzania visit

Date	Time	Item	Leader/ rapporteurs	Outcomes
<b>Sa 21</b>	22.40	Arrival (Team of 6 from Leeds)		
<b>Su 22</b>	22.40 pm	Arrival ( Team of 3 from Leeds) Meeting of Leeds Group		
<b>Mon 23</b> <b>Dar es Salaam</b>	9.30	Leeds/IITA Meeting <b>IITA Overview and UoL Overview</b>	Peter McWilliam, Hartmann & Steffen Abele	Plan for effective Tanzanian visit
	13.00	<b>Lunch</b>		
	14.00	Leeds/IITA meeting cont. <b>IITA Africa College expertise</b> 5 min. presentation from all participants	Howard Atkinson & Steffen Abele	New ideas for joint projects
<b>Arusha</b>	15.00 20.00	<i>International Platform Team leave for airport</i> <b>Meeting with Secretariat of East Central and Southern Africa Health Community (ECSA)</b>	<i>Peter McWilliam</i>	<i>Discuss Collaboration</i>
<b>Tu 24</b> <b>Dar es Salaam</b>	9.00	<b>Workshop (IITA/Africa College/Partners from Tanzania)</b>  3 break out sessions 1. Food systems for sustainable food security, nutrition and health 2. Crop-centred including Biotech. 3. Ecoservices	Howard Atkinson & Steffen Abele  rapporteurs 1) Mayer 2)Foyer/Atkinson/ Tripathi 3) Hamer/Benton / Sallu	New ideas for projects; Position paper on gene tilling; Interdisciplinary research opportunities identified; Capacity building needs defined
	13.00	Lunch		
	14.00	IITA/Africa College, Leeds Meeting <b>Cross-discipline development</b>	Tim Benton & Steffen Abele	Development of researchable problems
<b>Arusha</b>	9.00	<b>Centre for Education Development in Health, Arusha (CEDHA)</b>	<i>Peter McWilliam</i>	
	11.00	<i>Visit to Usa Health Centre</i>	<i>Peter Mc William</i>	
	13.00	<b>Visit to Kilimanjaro Christian Medical College</b> <i>Meeting with Prof Egbert Kessy (Provost, University College of Medicine) &amp; Prof Mark Swai</i>	<i>Peter McWilliam</i>	
	19.30	<i>Return to Dar</i>		
<b>Wed 25</b> <b>Dar es Salaam</b>	9.00	<b>IITA/Africa College, Leeds Meeting</b> Ensuring value from Tuesday captured	Tim Benton & Steffen Abele	
		<b>Ministry of Health</b> <i>Meeting with - Chief Medical Officer and his team</i> Lunch	<i>Peter McWilliam, Leeds Team &amp; Bussie from IITA</i>	<i>Understanding Tanzanian Priorities</i>
	13.00	<b>U. Muhimbili</b> <i>Meeting with Prof Mkony, Dean Muhimbili University of Health and Allied Sciences</i>	<i>Peter McWilliam, Leeds Team &amp; Bussie from IITA</i>	<i>Understanding Tanzanian Priorities</i>
	15.00	<b>Ministry of Agriculture</b> (Director of Department of Research and Training in the Ministry)	Howard Atkinson, Leeds Team & Victor Manyong	Understanding Tanzanian Priorities
	Evening	<b>Alumni reception</b> at British Council gardens	Peter McWilliam	

<b>Th 26</b> <b>Dar es</b> <b>Salaam</b>	9.00	<b>IITA Wrap up</b>	Peter McWilliam & Steffen Abele	Way forward and next phases for Africa Platform/ IITA collaboration.
	11.00	<b>University of Dar Es Salaam</b> (appointment fixed with VC)	Howard Atkinson, Leeds Team & Victor Manyong/Leena Tripathi	Key areas for collaborative projects Understanding Tanzanian Priorities
	12.00	<i>Ifakara Health Institute</i>	<i>James Newell</i>	<i>Understanding Tanzanian Priorities</i>
	14.00	<i>Save the Children</i>	<i>James Newell</i>	<i>Understanding Tanzanian Priorities</i>
	15.00	<b>Dean Faculty of Science &amp; Faculty of Geography</b> (appointment fixed)	Howard Atkinson, Leeds Team & James Legg/Leena Tripathi	Understanding Tanzanian Priorities
Evening	<i>Departure of Int. Platform Team</i>			
<b>Fri 27</b> <b>Morog</b> <b>oro</b>		<b>University of Sokoine</b>	Caroline Herron	Exploration of potential for collaboration
<b>Sa 28</b>	am & pm	<b>Field Trip</b>	Abass/ Kanju & Leeds Team	Awareness of Tanzanian agriculture system
	Evening	Departure		

## **APPENDIX 4**

### **Personnel involved in meetings:**

#### **Ministry of Health and Social Welfare:**

Peter McWilliam, James Newell, Deborah Murdoch-Eaton and Bussie Maziya-Dixon (IITA food Scientist)

*Meeting with Directors from Ministry:* Dr Gilbert Mliga (Human Resources Development), Dr Donan Mmbando (Preventive Services), Dr Edwin Munmgwa (Assistant Director of Services), Dr Zachary Berege (Director of Hospital Services), Dr Chandra (Director of Personnel and Admin)

Dr Sidney Ndeki – facilitated meeting and introductions at Ministry

[Dr Deo Mtasiwa the Chief Medical Officer was not present but aware of meeting.],

#### **Ministry of Agriculture**

*Africa College representatives*

#### **Muhimbili University of Health and Allied Sciences (MUHAS)**

*Delegation:* Peter McWilliam, James Newell, Deborah Murdoch-Eaton, Anne Marie Mayer and Bussie Maziya-Dixon (IITA food Scientist)

*Meeting with* Professor Charles Mkony (Professor of Surgery, Dean School of Medicine), Professor Gideon Kwesigabo (Dean School of Public Health and Social Sciences) Also present Professor Benjamin Mtinangi (physiology) and Dr David Urasa (Public Health Physician/Community health)

#### **Kilimanjaro Christian Medical College – Tumaini University (KCMC)**

*Delegation:* Peter McWilliam, Deborah Murdoch-Eaton, James Newell, Antoinette Morcom.

*Meeting with* Provost, Professor Egbert Kessi.

#### **University of Dar es Salaam and University of Sokoine**

*Africa College representatives*

Anne Marie Mayer, FMH and AC representative (US visit)

#### **CEDHA: Centre for Educational Development in Health, Arusha**

*Delegation:* Peter McWilliam, Deborah Murdoch-Eaton, James Newell, Antoinette Morcom.

*Meeting with* Principal, Dr Mgunde vice principal Dr Masatu.

The others present were Mr James Mwesiga, Dr Melkiory Masatu, Dr Leon Beatus, Dr Kini Jiyenze, Mr Daniel Muhochi, Dr Catherine Jincen and Mr. Wilson

#### **ECSA**

*Delegation:* Peter McWilliam, Deborah Murdoch-Eaton, James Newell, Antoinette Morcom.

*Meeting with* Dr Allie Kibwika – Muyinda, Director, Operations & Institutional development.

Also present were a number of members of the College of Surgeons (subsidiary of ECSA) from a number of African countries including Tanzania, Uganda, Kenya, Zimbabwe.

#### **Healthcare Facilities**

##### ***Meru District Hospital and Usa Health Centre***

*Delegation:* Peter McWilliam, Deborah Murdoch-Eaton, James Newell, Antoinette Morcom.

*Meeting with:* District Medical Officer Dr Aziz Masuya  
community health worker, nurse and lab technician.