



### Outcomes

*The mission of MicroResearch is to improve health outcomes with community-based research and to integrate research into the local health system. Training is a first step in this process, but the real measure of success will be improvements brought about by MR research and communicating innovative approaches to others.*

## Visit our new website [www.microresearch.ca](http://www.microresearch.ca)

The updated website has a lot more to see with up-to-date news about MicroResearch, new photos, and an easier way to navigate. Please visit and tell your friends!



### Denis Nganda: Social Media Coordinator

Denis was born and raised in Arusha, Tanzania. He holds a Certificate in Library and Documentation and a Diploma of Information. He joined Tanzanian Training Centre for International Health (TTCIH) Ifakara in the Knowledge Department in October 2015, completed the 2016 MicroResearch Workshop in Ifakara, and was recruited as Social Media Director for MicroResearch in June 2016. Denis plans to pursue a Bachelor of Computer Science and eventually establish a career in web development.

**Contact Denis with suggestions Email: [denisnganda@gmail.com](mailto:denisnganda@gmail.com)**

### You can now follow us on:



MicroResearch Facebook will be of interest to everyone, with news, photos, and personal stories about MicroResearch and our many participants and supporters. **[Facebook.com/microresearchinafrica](https://www.facebook.com/microresearchinafrica)**



**MicroResearch Twitter** is for African followers. It's a quick and easy access to learn about key events and be reminded about important deadlines. **[Twitter.com/MRinAfrica](https://twitter.com/MRinAfrica)**



Join the growing **LinkedIn group of MicroResearch graduates** to find upcoming opportunities from MicroResearch and elsewhere, including: scholarships, grants, employment, collaborations & networking. Email [denisnganda@gmail.com](mailto:denisnganda@gmail.com) to join this group **[Linkedin.com/groups/5084856](https://www.linkedin.com/groups/5084856)**



## African Faculty 2014-16

Allen Mukhwana  
Andrew Kambugu  
Angelina Mtowa  
Antonia Kamate  
Aquinatta Llmuli  
Bagrey Ngwira  
Barnabas R. Atwiine  
Beatrice Niragire  
Bereket Fantahune  
Bernard Kikaire  
Birke Anbesse  
Blessings Nyasilia Kaunda-Khangamwa  
Boniphace Jullu  
Bonnie Wandera  
Brenda Asimwe-Kateera  
Brenda Mitchell  
Catherine Nyannabyaki  
David Tumusiime  
Dawit Ejigu  
Delayehu Bekele  
Effie Chipeta  
Elias Tsegaye  
Elihaika G Minja  
Emmanuel Kyagaba  
Esther Beebwa  
Eve R Rajula  
Florence Beinempaka  
Gertrude Kalanda Chapotera  
Gilbert Tumwine  
Hecka S Mapunda  
Ivan Mugisha  
Janeth Katana  
Joseph Ntaganira  
Lisine Tuyisenge  
Lucinda Manda-Taylor  
Malede Birara  
Mark L Chindia  
Mary Adam  
Mary N Mwangome  
Micah Oyaro  
Micah Oyaro  
Mohammed Lamorde  
Musan Othinei  
Nakibula Victoria  
Oriokot Francis  
Pauline Byakika  
Regis Hitimana  
Robert Sebunya  
Romano Nkumbwa Byaruhanga  
Scholastic Ashaba  
Senga Pemba  
Walter A. Odhiambo  
Walter Mwanda  
Winnie Mutai  
Yemesrac Abeje Teffera  
Yosef Worku  
Zabron Abel

## Recent Publications

*BMC Pregnancy and Childbirth (2015) 15:351*

### **Antenatal services for pregnant teenagers in Mbarara Municipality, Southwestern Uganda: health workers and community leaders; views.**

Godfrey Zari Rukundo, Catherine Abasa, Peace Byamukama Natukunda, Bob Harold Ashabahebwa, Dominic Allain  
Uganda has one of the highest teenage pregnancy rates in Sub-Saharan Africa. This cross sectional descriptive study was done to assess key informant (gynecologists, midwives, community leaders, traditional birth attendants etc.) views on availability, accessibility and utilization of teenager friendly antenatal services in Mbarara. Analysis showed the interviewees felt challenged due to their limited skills at addressing adolescent needs. Adolescent-friendly antenatal services were not available in Mbarara. They concluded that there is an unmet need for these services.

*International Journal of Infectious Diseases 2015; 39: 57–61*

### **Multidrug-resistant Mycobacterium tuberculosis and associated risk factors in Oromia Region of Ethiopia**

Girma Mulisa, Tilaye Workneh, Niguse Hordofa, Mohamed Saudi, Gemed Abebe, Godana Jarso  
Tuberculosis (TB) remains a major problem in Ethiopia. Drugs used to treat the TB bacterium don't work if the organism has multiple drug resistance (MDR-TB). Risk factors for MDR-TB are poorly understood in rural communities in Africa. This study was done to find risk factors for MDR-TB in rural Ethiopia. They found that MDR-TB was common, 88 of 439 (33%) suspected cases. Most MDR-TB patients were between 18 and 39 years of age, were farmers, and had a TB contact history. Predictors of MDR-TB included alcohol use, HIV infection, previous TB history, and TB treatment. If TB is suspected, the presence of any of the noted factors warrant screening for MDR-TB.

*BMC Public Health 2015 15:1303*

### **Maternal depression and malnutrition in children in southwest Uganda: a case control study Scholastic Ashaba, Godfrey Zari Rukundo, Florence Beinempaka, Moses Ntaro, John C LeBlanc**

Malnutrition is a significant child health problem in developing countries. Maternal depression may contribute to this since it disrupts the mothers' ability to cope with childcare. This case control study aimed to show if maternal depression was associated with malnutrition in children admitted to the Mbarara referral hospital (SW Uganda). Malnutrition was determined using WHO child growth standards and mother's depression using the Mini International Neuropsychiatric Interview (MINI) module. They found 42% of mothers of malnourished children were depressed (vs 12% among controls) [adjusted odds ratio of 2.4 (1.11-5.18)]. They concluded that routine screening and treatment for depression should be included in all maternal and child health clinics.



Eisha Grant



Albion Kassa

*"We must be evidenced based, that can't happen without research"*  
Ifakara Workshop graduate

*"I am very much motivated and will like to do hospital and community based researches with my students and colleagues."*  
Addis Ababa Workshop graduate

There are two  
MicroResearch Grant  
application deadlines  
each year:  
May 1  
November 1  
Download application forms at  
[www.microresearch.ca](http://www.microresearch.ca)

## Thanks to Eisha Grant

**Eisha Grant, MBChB, MPH** is a Ugandan physician and graduate of the Medical School of Mbarara University of Science and Technology. She's been involved with MicroResearch almost from its start, graduating from the 2nd workshop, in 2010. Soon after this she entered the MPH program at the University of Saskatchewan. After graduating, she returned to Uganda where she practiced medicine and launched an important MicroResearch project to determine why babies in remote villages in Uganda died. Eisha also helped us launch the MicroResearch LinkedIn social media site in 2014. So far there are over 150 participants registered. Her commitments to the Ministry of Health in Uganda now occupy almost all of her time. We are deeply grateful for Eisha's support for MicroResearch, and know that she is a great asset in her new consultant work with the Ministry.



We are sad to report that **Albion Kassa** (MR Workshop graduate from Ifakara Tanzania 2012) was killed in a tragic traffic accident on Feb 25, 2016. He died while traveling to pediatric clinic near Ifakara. Albion was known and respected as a dedicated doctor and enthusiastic teacher.  
*Our condolences go out to his family and the Ifakara community that he served.*

### 2016 MicroResearch Training Workshops

Reports of completed workshops available at [www.microresearch.ca](http://www.microresearch.ca)

Ifakara Workshop *February 29 - March 11, 2016*

Tanzanian Training Centre for International Health, Ifakara, Tanzania

Rwanda Workshop *February 15 - 26*

Kigali University Teaching Hospital, Kigali, Rwanda

This was the first workshop to be held in Rwanda and at the University Teaching Hospital of Kigali

Over **27** training workshops have been held since 2008 in Kenya, Tanzania, Uganda, Ethiopia and Malawi resulting in **700** graduates to date.



## Sponsors & Supporters

(listed alphabetically by grouping)

- Academics Without Borders
- Accordia Global Health Foundation
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- International Development Research Centre, Canada
- Global Health Research Initiative
  
- BC Women's & Children's Hospital & Foundation
- Centre Hospitalier Universitaire de Kigali
- IWK Health Centre & Foundation
- Montreal Children's Hospital, McGill University
  
- Dalhousie University
- Makerere University
- Mbarara University of Science & Technology
- McGill University
- Tanzanian Training Centre for International Health
- University of Alberta
- University of Calgary
- University of Nairobi
  
- Canadian Paediatric Society
- Society of Obstetricians & Gynaecologists of Canada
- Process Pathways
  
- Private Donations
  
- 100's of volunteers

## Vision

To become globally recognized pioneers in training, mentoring, and support of multidisciplinary community focused health research with a commitment to positive societal change.

## Mission

Improving health care outcomes with innovative community based research that assures quality and integration of research into the fabric of the local health system and the community.

## Values

Key to the success of MicroResearch are values shared by all members of the MicroResearch team:

**Passion:** Deeply rooted conviction and energy for everything MicroResearch represents.

**Collaboration:** Working collaboratively in multidisciplinary teams of health and other professionals to deliver on our promise.

**Respect:** Commitment to pursue the questions that matter and are identified by the people we serve.

**Innovation:** Steadfast commitment to improving health in the developing world.

**Compassion:** Demonstrated identification with humanity through the work of MicroResearch.

**Culture:** Unequivocal pursuit of capacity building, human resource development and a healthy environment.

The concept - small locally driven multidisciplinary health research teams developing research projects to improve health outcomes - starts with multidisciplinary research training workshops with hands-on research proposal development. Learning how to ask the questions that will address their problems.

**Please email us: [MicroResearch@dal.ca](mailto:MicroResearch@dal.ca)**

**Visit us: [www.microresearch.ca](http://www.microresearch.ca)**

**Please consider a donation to MicroResearch online:**

<https://iwkfoundation.org/microresearch>

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