



The Ohio State University-Ethiopia Partnership

One Health Summer Institute

May 1 – August 31, 2014



THE OHIO STATE UNIVERSITY

Foreword

Dear Colleagues,

The Ohio State University Health Sciences-Ethiopia One Health Partnership is pleased to launch the 2014 Summer Institute. The activities in this partnership were initiated in response to visits by Ohio State Health Sciences deans and global strategies team to Ethiopia in 2012 and successful interactions with Ethiopian academic and regulatory institutes, mainly Addis Ababa University and University of Gondar. The partnerships were further strengthened with visits to Ohio State by UOG and AAU leaders during the 2013-14 academic year.

The main goal of this partnership is to develop sustainable and mutually beneficial partnerships with academic institutions and other affiliate partners in Ethiopia, including:

- **Teaching and Learning:** to provide unsurpassed, student-centered learning experiences led by engaged, world-class faculty and enhanced by a globally diverse student body.
- **Research and Innovation:** to create distinctive and internationally recognized contributions to the advancement of fundamental knowledge and scholarship and to the solutions of the world's most pressing problems.
- **Outreach and Engagement:** to establish mutually beneficial partnerships with the citizens and institutions of the partner nations and the world, so that our communities are actively engaged in the exciting work of the partners in this program.
- **Resources Stewardship:** to become the model for an affordable public university partnership recognized for financial sustainability, unsurpassed management of human and physical resources, and operational efficiency and effectiveness.

The Summer Institute activities outlined in this brochure and the goals of this initiative are well-aligned with the internationalization mission of The Ohio State University. The Ohio State Global Gateways has established a presence in various regions of the world including China, India, and the newly established office in Brazil. We hope the momentum of this partnership could also open a door for Ohio State Global Gateways in Sub-Saharan Africa.

The activities of the 2014 Summer Institute are collaboratively sponsored by Ohio State's health sciences colleges, Ethiopian academic institutions, Ohio State Outreach and Engagement, and Ohio State Office of International Affairs.

We are committed to this endeavor and look forward to a productive and sustainable partnership.

Sincerely,



William I. Brustein

William I. Brustein, Ph.D.
Vice Provost for
Global Strategies and
International Affairs
Professor of Sociology,
Political Science, and History
The Ohio State University



Valerie B. Lee

Valerie B. Lee, PhD
Vice President for Outreach
and Engagement
Vice Provost for Diversity
and Inclusion
Chief Diversity Officer
Professor of English
The Ohio State University

Introduction

The Ohio State University Health Science colleges, through its deans and representative faculty members, established The Ohio State University Health Sciences-Ethiopia One Health Partnership task force in August, 2012. The goal is to develop a sustainable and mutually beneficial partnership with Ethiopian academic and affiliate partners.

The task force conducted the following activities:

- Two site visits and meetings (July and December 2012) with two academic universities-Addis Ababa University (AAU) and University of Gondar (UoG);
- Met with the Ethiopian president, the minister of health, the state minister of education, and the deputy prime minister;
- Visited other regional and international partners including ILRI, EPHI, AHRI and CDC;
- Met with U.S. Embassy leadership in Ethiopia and gained support for the partnership initiative;
- Developed a draft strategic plan based on inputs and priorities received from the two partner Ethiopian universities;
- Conducted a mini-retreat (March 2013) for the health sciences deans and task force members.



Major priority areas identified:

Training prototype

Short-term engagement supplemented with a long-term PhD training with the goal of strengthening capacity and collaborations.

- *The Ohio State University Health Sciences-Ethiopia One Health Summer Institute* conducts one to two week modular courses in various health science disciplines.
- Admit one sandwich PhD candidate in each of the health science disciplines from the two partner institutes with a completion time line of four years.

Research capacity innovation prototype

Two short-term priorities identified:

- *Rabies elimination:* We plan to conduct a feasibility and KAP assessment, and a portion of the intervention using vaccine delivery and population control.
- *Cervical Cancer Screening and Treatment:* The long-term goal is to strengthen capacity in prenatal and maternal health. Feasibility and pilot projects will be conducted in the short term.

Parallel projects

Existing and future exploratory projects:

- Medicinal plants initiative
- Food security and environment project
- Molecular epidemiology of foodborne pathogens (NIH FIC funded)
- Rotaviruses project (Sandwich PhD from AAU trained)
- Multi-drug resistant Salmonella project (WHO funded/ Sandwich PhD from AAU trained)
- Nutrition, HIV, and Enterics (NIH-submitted)
- TB biorepository (NIH-submitted)
- Leishmaniasis (NIH Funded/ Sandwich PhD from AAU trained)
- ICT Capacity (NIH –submitted)

One Health outreach E-capacity strengthening:

Develop an electronic platform using a custom tablet based application to capture One Health research and training activities which will enable crowd sourcing of the Ohio State health sciences and Ethiopia activities.

Clinical capacity strengthening engagements:

A College of Medicine ophthalmology team conducted teaching and exploratory activity in February, 2013. Additionally, a neurosurgeon and three optometrists are joining the health sciences team for the Summer Institute 2013.



THE OHIO STATE UNIVERSITY

2014 Activities

Summer courses

Optometry Training: Advanced Contact Lenses and Children’s Vision

Instructors: Jeffrey Walline, Alemayehu Desalegn

Dates: June 2 - June 6, UOG

Advanced Contact Lenses:

Topics include: Fitting and management of soft, gas permeable toric, soft multifocal, gas permeable multifocal, orthokeratology, myopia control, pediatric, aphakia, keratoconus, extended wear, and therapeutic contact lenses.

Children’s Vision:

Topics include: Basic binocular vision tests, asking the case history, a review of visual development, measuring refractive error, cycloplegia, biometry and refractive error development, prescribing spectacles, systemic diseases that affect the eyes, anterior and posterior segment issues encountered by children, child abuse, and examining infants.

Food Safety and Foodborne Diseases

Instructors: Jeffrey LeJeune, Daniel Asrat

Dates: June 16 - June 21, AAU

Topics include: Foodborne bacterial, parasitic, and viral diseases with special emphasis on their epidemiology, transmission, detection, and specific preventive and control measures; antimicrobial use in food animals, resistance, and veterinary drug residues; HACCP principles and applications in food processing facilities; sanitary and regulatory requirements and applications in food processing facilities.

International Trade and Public Health/Risk Analysis

Instructors: Armando E. Hoet, Seleshi Nigatu

Dates: June 8 - June 15, UOG

Topics include: Globalization and internal trade, public and animal health, and food safety and food security; roles and functions of the WTO, OIE, and FAO in international trade; international requirements, laws, and regulations (Codex Alimentarius, Sanitary and Phytosanitary Standards) on import/export of animals and animal products; components and application of risk analysis to import/export of animals and animal products; the environmental health exposure model; aspects of environmental toxicology and microbiology; contaminants’ influence on food quality; and risk assessment/analysis.

Oral Pathology and Preventive Dentistry

Instructors: Carl M. Allen, Beau Meyer, Wondwossen Fantaye

Dates: June 11 - June 16, AAU

Topics Include: Oral cancer screening process, diagnosis, treatment, and prognosis; common oral pathologic lesions, management and treatment; Oral health promotion and disease prevention with an emphasis in the pediatric population; community oral health initiatives and community based care models.



The University of Gondar is one of the oldest universities in Ethiopia. Established in 1954 as the Public Health College and Training Center, the university has evolved into one of the top education institutions in Ethiopia. The university will celebrate its 60th anniversary halfway through the 2014 Summer Institute. For more about the Diamond Jubilee, visit uog.edu.et.

Molecular Epidemiology of Infectious Disease

Instructor: Wondwossen A. Gebreyes, Rudovick Kazwala

Dates: June 23 - June 26, AAU

June 30 - July 3, UOG

Topics include: Overview and discussion of core molecular approaches; introduction and core methods: gene amplification, restriction, hybridization, genotyping, genomics, and microarray; analysis and interpretation of genotypic data; practical applications in public health.

- Overview of core molecular tools and approaches;
- Genotyping methods selection criteria and validation;
- Overview of common genotyping methods;
- Application of genotyping, data interpretation and troubleshooting.

Environmental Health/Occupational Health

Instructor: Michael Bisesi, Wakgari Deressa

Dates: June 23 - July 3, AAU

Environmental Health Science (June 23-26; equivalent to 20 instructional hours): A combination of lecture, cases and independent readings regarding an overview scientific principles focused on identifying sources and evaluating and controlling levels of and exposure to physical, chemical and biological agents in air, water, soil, food, and other media that impact and may affect the quality of environmental settings or disrupt ecological conditions, and directly or indirectly contribute to adverse harm to human (and animal) health and well-being.

Occupational Health Science (June 30; July 1-3; equivalent to 20 instructional hours): A combination of lecture, cases and independent readings regarding an overview of the principles focused on recognition, evaluation and control of hazardous physical, chemical and biological agents or conditions in workplace settings.



“Our collaborative relationship with Ethiopian universities has established a bi-directional capacity-building environment for faculty and students in both countries. With reciprocal adjunct faculty appointments, workshops, research projects, and classes, our faculty and students are moving forward with innovative research opportunities and student learning models. The enthusiasm from both U.S. and Ethiopia-based faculty is truly energizing, and will serve to move the science forward in global cancer control.”



Usha Menon, PhD, RN, FAAN
Vice Dean and Professor, College of Nursing Director of Community Engagement, Ohio State Center for Clinical Translational Sciences

2014 Activities

Summer courses

Neonatal Resuscitation Care/ HBB

Instructors: Monica Terez, Sharon Ryan, Diane Gorgas, Mahlet Gebremariam

Dates: June 30 - July 5, AAU
July 8 - July 11, UOG

This seminar will assist participants in developing systematic skills in infant resuscitation. Participants will gain an understanding of the need for rapid, progressive evaluation of the newborn in the first critical minutes of life. Hands-on practice is a key element of this course and will include physiological and practical understanding of infant resuscitation. The user will also strategize for successful implementation of neonatal resuscitation programs system wide.

Biomedical Informatics

Instructors: Shu-Hua Wang, Nigatu Kebede

Dates: June 30 - July 3, AAU

This course is designed to introduce the various biomedical informatics approaches that are instrumental for analysis of genotypic data; retrieval of genetic databases and understanding molecular data manipulations for the purposes of addressing infectious disease investigations. The key topics covered in this course include:

- Intermolecular interactions and biological databases
- Optimality criteria and tree searching vs. distance methods
- Biogeographic data analysis; evaluating phylogenetic trees



Pathology

Instructors: Anjali Satoskar, Christina Arnold, Joan-Miquel Balada-Llasat, Mireia Guerau-de-Arellano, Debra L. Zynger, Michael Arnold, Tufa Gemechu

Dates: July 14 - July 18, AAU

The areas of Pathology that will be covered include Medical Renal Disease pathology, Genitourinary tumors, Clinical Diagnostic Microbiology, Inflammatory bowel disease and Gastrointestinal tumors, and Pediatric and Placental Pathology. It will include a mix of short didactic lectures on focused areas along with an array of case presentations.

Ethical Issues in Biomedical Research, Biosafety and Laboratory Data Management

Instructors: Kate Hayes-Ozello, Yimtubezinash Woldeamanuel

Dates: TBD (see website for updates)

The course describes issues surrounding the ethical conduct of science, scientific authorship, protocols for research on human subjects, scientific conduct issues in making ethical decisions, principles of laboratory biosafety, and data management. Main topics covered:

- Human and animal subjects concerns
- Scientific misconduct in biomedical research
- Issues of authorship, conflict of interest, mentor-mentee relationships
- Principles of biosafety in biomedical research; biosafety level criteria



Established in 1950, Addis Ababa University is the oldest and largest higher education institution in Ethiopia. It currently runs 65 undergraduate and 220 graduate programs across 14 campuses.

Bioethics: Exploring Foundations for Bioethics in Ethiopia

Instructors: Ryan Nash, Matthew Vest, Yimtubezinash Woldeamanuel

Dates: TDB (see website for updates)

It is common to consider bioethics a content-rich authority that directs conduct of clinical and research practices. In the U.S. the practical bioethics framework is established by agreement in law, public policy, and regulation. This workshop will explore the practical bioethics that is common in the U.S. It will attempt to go beyond this to more foundational ethics. Further, the workshop will explore with the participants what should ground an Ethiopian Bioethics.

Optometry Training

Instructors: Bradley Dougherty, Alemayehu Desalegn

Dates: August 25 - August 29, UOG

Neurology of the Visual System: Topics include visual field testing and interpretation, optic neuropathies, chiasmal lesions, pupillary disorders, and cranial nerve disorders involving the eye and visual system.

Low Vision Rehabilitation: Topics include common causes of vision impairment, optical principles of magnifiers and telescopes, reading with low vision, and clinical management of patients with low vision.



2014 Activities

Our Projects

RABIES Proposal feasibility/ sustainability business plan

Project leader: R. Scott Livengood, Jeanette O'Quin

Dates: May 1 - May 21

This project includes a team of seven Master of Business Administration students from Ohio State's Fisher College of Business. They will work on supply chain, logistics and marketing aspects of the draft roadmap for rabies elimination from North Gondar, Ethiopia. The project involves key partners, currently 19 institutes and 47 individuals. The team will meet with academic institutes, regulatory and research institutes, mass media and communications, vaccine supply and reference diagnostic laboratories. The resulting business plan will cover finance, feasibility, evaluation and sustainability.

BETHA- One Health App Project/Electronic Capacity

Project leader: Wondwossen A. Gebreyes

Dates: June 23 - August 1

This project focuses on the use of a mobile data collection and analysis system for monitoring foodborne pathogens for the assessment of small-holder dairy farming practices with regard to the risks of zoonotic diseases and associated environmental impacts. Developing our understanding of the knowledge and technology of practices and risks to human, animal, plant, and environmental health and sustainability will open opportunities to suggest, train, and motivate consumers and farmers to alter their practices, thereby sustaining better health, productivity, and providing a greater margin of profit with a goal of improved livelihood, particularly in urban and peri-urban settings.

This project aims to provide opportunities for Ohio State students and faculty members to conduct a research outreach using Mobile Electronic Data Capture and Analysis System for monitoring foodborne pathogens in Eastern Africa. The proposed study aims to

- Narrow the technology gap and to facilitate scientific networking between Ohio State and eastern Africa partners;
- Enhance interactions among producers, scientists and policy-makers;
- Improve the livelihood of poor urban and peri-urban livestock producers by minimizing zoonoses.

Environmental Hygiene/Food Security/Safety

Project leaders: Michael Bisesi, Araya Asfaw

Dates: June 23 - July 3, AAU

This project will focus on vegetative crops and livestock (including poultry) from farm to production and distribution to consumption. The overall theme of the collaborative efforts will include identifying, characterizing and controlling sources, pathways, and receptors of exposure.

Rabies Pilot Project

Project leaders: Jeanette O'Quin, Legesse Garedew

Dates: June 8 - July 5

The rabies prevention and control in North Gondar One Health pilot project will conduct the following activities:

- Dog Population Survey in Gondar City (OSU/UOG): Estimate the density and total population of dogs in the city of Gondar and nearby peri-urban and rural areas
- Rabies Vaccination Clinics (UOG/ OSU/EPHI): OSU students will assist local veterinarians and public health authorities in Gondar to offer a series of rabies vaccination clinics to the public.
- Spay and Neuter Veterinary Training (OSU/UOG): Lectures and practical surgery laboratories will be offered to local veterinarians.
- Rabies Surveillance Training (CDC/ EPHI/OSU): Hands-on training to laboratory and field technicians on conducting the dRIT test.
- Assessing the Potential Economic Impact (CDC/ OSU/EPHI/UOG): Data include costs, post-exposure treatment, animal vaccinations and employee-related expenses.

HIV Risk Reduction Project: Implementation Readiness for Tenofovir Gel

Project leaders: Usha Menon, Jacquelyn Meshelemiah Semalegne Kendie Mengesha

Dates: August 1 - August 10

Tenofovir gel is a microbicide recently shown to reduce HIV risk among women by as much as 39 percent. The purpose of this project, which will target women in Ethiopia, is to identify attitudes and opinions about introducing the use of Tenofovir. For the benefits to be actualized it is important to proactively assess readiness of policy-makers and key stakeholders to implement research findings into practice.

Ohio State Students



Javed Cheema is a 2nd year Working-Professional MBA candidate. He is interested in Operations/Supply Chain and Strategy. He is interested in figuring out how business skills can be used for the benefit of humanity and solving real world problems.



Alejandra Iberico Lozada is pursuing a masters degree in business administration. She has a background in commercial finance and is pursuing an MBA in supply chain management. Her interest in applying value-stream mapping to for-profit and non-profit organizations alike pushed her to collaborate with the OneHealth initiative to eradicate rabies.



Alexandra Medley is a first year veterinary student and candidate for the Masters in Public Health program at The Ohio State University college of Veterinary Medicine. Her interests include global public health and emerging infectious diseases. This year she will be conducting a roaming dog population survey in Gondar, Ethiopia for the One Health Rabies Initiative.



Danielle Latman is an MBA student majoring in marketing with a focus on innovation. She is from Brooklyn, NY and has over 10 years of experience in writing, publishing and non-profit management.



Ally Sterman is a fourth year veterinary student in the College of Veterinary Medicine at Ohio State. She participated in the Ethiopia Rabies One Health Initiative project last year and is excited to continue on with the project. Her professional interests include surgery, emergency and international veterinary medicine.



Maria Belu is a second year veterinary student pursuing a dual DVM/MPH degree with a specialization in veterinary public health at The Ohio State University. She is interested in pursuing a career in public health/wildlife conservation with special focus on global zoonotic disease transmission. Her interests in Ethiopia are on surveillance of salmonella prevalence in a variety of species.



Carla Garver is a second year Working Professional MBA student at the Fisher College of Business specializing in Operations with a focus in Process Improvement. She is interested in the data collection and reporting aspects of the One Health Rabies initiative to provide a way of mapping the success of the program for future proposals to model.



Mallory Kanwal is a first year veterinary student in The Ohio State University College of Veterinary Medicine. She is interested in the fields of public health, preventative medicine and small animal medicine.



Kelsey Gerbig is a second-year veterinary student at The Ohio State University College of Veterinary Medicine. She is interested in public health, global health, and mixed animal medicine.



Niraj Patel is a MBA student at Ohio State's Fisher College of Business. He is focusing on Operations and Strategy as he is interested in a career in Healthcare Strategy.

2014 Activities

2014 Faculty

Our Workshops

Presentation of Roadmap to Stakeholders Workshop

Program Leader: Hailu Mamo

Dates: June 20, EPHI

The workshop aims to bring together all stakeholders who have roles in prevention and control of rabies in Ethiopia. Specifically, the project team led by EPHI will present the draft roadmap to Ethiopian government leaders and receive inputs with the goal of finalizing the document and to seek endorsement for implementation of the One Health model project in North Gondar.

NIH Fogarty/ One Health Annual Retreat

Program Leader: Wondwossen Gebreyes

Dates: June 27 - 28

This regional annual retreat is organized by the Molecular Epidemiology of Foodborne Pathogens in Eastern Africa. Doctoral and master's students and short-term fellows from the three nations will convene a two-day retreat at the International Livestock Research Institute (ILRI) Addis. During the retreat, program faculty and students will review the performance of the program and discuss future directions. In addition, eastern African fellows will present their annual progress and research findings on on MDR Salmonella; Molecular characterization of Rotavirus; Molecular epidemiology of Campylobacter and others.

Ohio State's Office of the Chief Information Officer (OCIO) recently announced that the Ethiopia One Health partnership is the winner of a 2014 Digital Impact grant. The grant will provide 40 iPads or 60 iPad minis for development and delivery of online courses as well as various research and outreach projects in global one health. The project will also provide staff time to help the partners develop and implement projects successfully. To facilitate the launch of this project, OCIO will send a representative to conduct an exploratory visit to UOG and AAU.



Carl M. Allen, DDS, MSD
Faculty Emeritus
The Ohio State University
College of Dentistry
Columbus, OH 43210
allen.12@osu.edu
614-292-1256



Christina A. Arnold, MD
Assistant Professor
The Ohio State University
College of Medicine
arnold.334@osu.edu
614-293-1515



Michael A. Arnold, MD, PhD
Assistant Professor
The Ohio State University
College of Medicine
Michael.Arnold@nationwidechildrens.org
614-722-5719



Araya Asfaw, PhD
Director, Horn of Africa
Regional Environment Centre
Dean of Science Faculty and
Associate Professor
Addis Ababa University
arayaa@hoarec.org



Daniel Asrat
Addis Ababa University College
of Health Sciences
Associate Professor
asratdan@gmail.com



Joan-Miquel Balada-Llasat, PharmD, PhD
Assistant Professor
Associate Director, Clinical Microbiology
Lab for University Hospitals East
The Ohio State University
Medical Center
balada-llassat.1@osu.edu 614-257-2785



Michael S. Bisesi, PhD, REHS, CIH
Senior Associate Dean of Academic Affairs
Director of the Center for
Public Health Practice
Chair and Professor,
Environmental Health Sciences
The Ohio State University College of Public
Health bisesi.12@osu.edu 614-247-
8290



Wakgari Deressa, MPH, PhD
Dean of the School of Public Health
College of Health Sciences
Addis Ababa University
deressaw@gmail.com



Alemayehu Desalegn
Assistant Professor
University of Gondar
alexkd2003@gmail.com



Bradley Dougherty, OD, PhD
Assistant Professor
The Ohio State University College
of Optometry
dougherty.85@osu.edu
614-292-0867



Wondwossen Fantaye, DDS
Dean of Dentistry
Addis Ababa University
College of Health Sciences
fawondwossen@yahoo.com



Mahlet Y. Gebremariam, MD
CEO Black Lion Hospital
Dean of the School of Medicine
College of Health Sciences
Addis Ababa University
gyobmahi@gmail.com



Wondwossen A. Gebreyes, DVM, PhD, DACVPM
Professor and Director of Global Health
Programs
The Ohio State University
College of Veterinary Medicine
gebreyes.1@osu.edu
614-292-9559



Legesse Garedew, DVM
Assistant Professor
University of Gondar
legesse_lg@yahoo.com
+251 0911 114956



Tufa Gemechu, MD
Head of Pathology
Addis Ababa University
School of Medicine
tufa.gemechu@yahoo.com



Diane Gorgas, MD
Associate Professor and Residency
Director, Emergency Medicine
The Ohio State University
College of Medicine
gorgas.1@osu.edu
614-293-3553

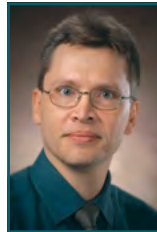


Mireia Gerau-de-Arellano, PhD
Assistant Professor, Health and
Rehab Sciences
The Ohio State University
Wexner Medical Center
guerau.1@osu.edu
614-292-7303, Ext. 1#



Kathleen (Kate) Hayes-Ozello, PhD
Research Scientist and Veterinary
Biosciences Grant Support Officer
Co-Director, VBS Biochemistry and
Molecular Biology Core
The Ohio State University
College of Veterinary Medicine
hayes-ozello.1@osu.edu
614-292-8670

2014 Faculty



Armando E. Hoet, DVM, PhD, DACVPM
Associate Professor and Coordinator,
Veterinary Public Health Program
The Ohio State University
College of Veterinary Medicine
hoet.1@osu.edu
614-292-0684



Afewerk Kassa
Vice President for Research and
Community Service
Professor of Microbiology
University of Gondar
Gondar, Ethiopia
afeworkkassu@yahoo.com
+251-921221959



Rudovick Kazwala, DVM, PhD
Professor
Sokoine University of Agriculture
Tanzania
kazwala@gmail.com



Lonnie J. King, DVM, MS, MPA, DACVPM
Dean and Professor
The Ohio State University
College of Veterinary Medicine
king.1518@osu.edu
614-688-8749



Jeffrey LeJeune, DVM, PhD, ACVM, DACVPM
Professor and Program Head,
Food Animal Health Research Program
Extension-Food Safety
The Ohio State University
lejeune.3@osu.edu
330-263-3739



R. Scott Livengood, PhD, MBA
Assistant Professor
The Ohio State University
Fisher College of Business
livengood.22@fisher.osu.edu
614-688-2130



Hailu Mamo, DVM, MVPH
Head, Zoonotic Diseases Research
Team
Ethiopian Public Health Institute
hamiuto@yahoo.com
+251 112 78 15 00



William Martin, MD
Dean and Professor
The Ohio State University
College of Public Health
martin.3047@osu.edu
614-247-8196



Usha Menon, PhD, RN, FAAN
Professor and Vice Dean of the
College of Nursing
The Ohio State University
College of Nursing
menon.48@osu.edu
614-247-5026



Desalegne Mengesha
Academic Vice President
University of Gondar
Gondar, Ethiopia
desmen96@yahoo.com
+251918350016



Semalegne Kendie Mengesha
Lecturer
College of Social Work
University of Gondar



Jacquelyn Meshelemiah, PhD, MSW
Associate Professor
The Ohio State University
College of Social Work
meshelemiah.1@osu.edu
614-292-9887



Beau D. Meyer
Student Administrative Assistant to the
Dean of Dentistry
The Ohio State University
College of Dentistry
meyer.781@osu.edu



Ryan R. Nash, MD, MA, FACP, FAAHPM
Associate Professor, Clinical Internal
Medicine
Director, OSU Center for Bioethics and
Medical Humanities
Hagop S. Mekhjian, MD, Chair in Medical
Ethics and Professionalism
The Ohio State University
nash.230@osu.edu 614-366-8405



Seleshi Nigatu, DVM, MSc
Department Chair, Veterinary
Epidemiology and Public Health
Faculty of Veterinary Medicine
University of Gondar
seleshe2@yahoo.com



Jeanette O'Quin, DVM, MPH
Clinical Assistant Professor
The Ohio State University
College of Veterinary Medicine
oquin.4@osu.edu
614-247-6635



Sharon Ryan, DNP
Assistant Professor,
Clinical Nursing
The Ohio State University
College of Nursing
ryan.1093@osu.edu
614-292-4994



Anjali Satoskar, MD
Associate Professor
The Ohio State University
College of Medicine
satoskar.3@osu.edu
614-293-3573



Monica Terez
Clinical Program Manager
The Ohio State University
College of Medicine
terez.1@osu.edu
614-293-8693



Cory Tressler
Learning Technology Manager
The Ohio State University
Office of Chief Information Officer
tressler.8@osu.edu
614-306-6027



Matthew S. Vest, MA, PhD candidate
Assistant Director of Graduate
Education
The Ohio State University
College of Medicine
vest.45@osu.edu



Jeffrey Walline, OD, PhD
Associate Professor
The Ohio State University
College of Optometry
walline.1@osu.edu
614-247-6840



Shu-Hua Wang, MD, MPH & TM
Assistant Professor, Internal Medicine
The Ohio State University
College of Medicine
Wang.1055@osu.edu
614-293-5667



Woldeamanuel Yimtubezenash, MD, M.Sc, PhD
Department of Microbiology Immunology
and Pathology
School of Medicine
College of Health Sciences
Addis Ababa university
yimtuwa@gmail.com



Getnet Yimer, MD, MSc, PhD
Associate Director for Research and
Technology Transfer
College of Health Sciences
Addis Ababa University
getnetyimer@gmail.com
getnet.yimer@aau.edu.et
+251911405387



Debra L. Zynger, MD
Assistant Professor and Director, Division
of Genitourinary Pathology
College of Medicine
zynger.1@osu.edu
614-293-7705

2014 Activities Schedule

Ohio State Ethiopia One Health Summer Institute		May		June				July				August			
	Course/Activity Details	1 - 2	3 - 4	1	2	3	4	1	2	3	4	1	2	3	4
Courses	<i>Optometry Training (2 courses): Advanced Contact Lenses and Children's Vision</i> J. Walline, A. Desalegn			June 2 - 6											
	<i>International Trade and Public Health/Risk Analysis</i> A. Hoet, S. Nigatu				June 8 - 15 UoG/ AAU										
	<i>Oral Pathology and Preventive Dentistry</i> C. Allen, B. Meyer, W. Fantaye				June 11-16										
	<i>Food Safety and Foodborne Diseases</i> J. Lejeune, D. Asrat					June 16-21 ILRI (NIH - E.Africa) AAU/UoN/ SUA									
	<i>Molecular Epidemiology of Infectious Diseases</i> W. Gebreyes, R. Kazwala					June 23 - June 26 at AAU (part of NIH) June 30 - July 3 at UOG									
	<i>Environmental Health/ Occupational Health</i> M. Bisesi, W. Deressa						June 23 - July 3 AAU								
	<i>Neonatal Resuscitation Care/ Help Babies Breathe (HBB)</i> S. Ryan, M. Terez, D. Gorgas, M. Gebremariam						June 30 - July 5 AAU	July 8 - 11 UOG							
	<i>Biomedical Informatics</i> S. Wang, N. Kebede							June 30 - July 3							
	<i>Pathology</i> A. Satoskar, C. Arnold, JM Balada-Llasat, M. Guerau, D. Zynger, M. Arnold, T. Gemechu									July 14-18 AAU					
	<i>Ethical Issues in Biomedical Research/ Clinical Bioethics</i> K. Hayes-Ozello R. Nash, Y. Woldeamanuel									No date yet AAU					
	<i>Optometry Training</i> B. Dougherty, A. Desalegn														Aug. 25-29 UOG
Projects	<i>HIV Risk Reduction Project: Implementation Readiness for Tenofovir Gel</i> U. Menon, J. Meshelemiah, M. Kendie Mengesha											Aug. 1-10 Gondar/ Addis			
	<i>RABIES Proposal feasibility/ sustainability Business plan</i> S. Livengood, J. O'Quin	Seven MBA students UOG week 1; AAU and EPHI weeks 2-3													
	<i>Rabies Pilot project activities: 1) High Volume Spay/Neuter Training; 2) Dog inventory transection and 3) Pilot Mass vaccination</i> J. O'Quin/ L. Hill (Ohio State – SENR)				June 8 - July 15 Gondar (OSU students / Stermann / Belu / Gerbig)										
	<i>Environmental Hygiene/Food Security/Safety</i> M. Bisesi, A. Asfaw						June 23 - July 3 AAU								
	<i>BETHA- One Health App Project/ Electronic Capacity</i> W. Gebreyes						June 23 – August 1 AAU-ALIPB and UoG (OSU students- Gerbig, Belu, Kanwal)								
Work-shops	<i>Presentation of Roadmap to Stakeholders Workshop</i> EPHI									June 20					
	<i>NIH Fogarty Molecular Epidemiology Annual Regional Retreat</i>						June 27-28								



The Ohio State University-Ethiopia Partnership One Health Summer Institute



FOGARTY



Courses have limited spaces with registration on a first-come, first-served basis. Priority will be given to partner universities and institutes with established Memoranda of Understanding with Ohio State, including UOG, AAU and EPHI. For further information, interested potential attendees need to communicate with Mrs. Tigist Endashaw, ILRI Capacity Development Unit.

This information can also be found on the web at u.osu.edu/onehealth

Tigist Endashaw Tel: +251 11 617 2480 / via USA Tel +1 650 833 6696 / Fax: +251 11 617 2001 / Email: t.endashaw@cgia.org

Christine O'Malley Tel: 614-292-1698 / Email: omalley.44@osu.edu



THE OHIO STATE UNIVERSITY