

**Center for Global Health**  
**Old Dominion University**

# **2014 ANNUAL REPORT**

December 31, 2014



*Prepared by:*  
*Center for Global Health Team*

## Table of Contents

Executive Summary .....	3
Center for Global Health Vision, Mission, and Core Values.....	4
Accomplishments.....	5
Partnership and Collaboration .....	5
Awards .....	5
Research and Service Projects.....	6
Publications .....	9
Presentations .....	9
External Grants Submitted.....	10
Teaching .....	11
Events and Workshops .....	13
Media.....	14
Appendix A .....	15
Appendix B .....	16
Appendix C .....	17

## Executive Summary

The Old Dominion University Center for Global Health continues to establish a strong local and international presence in 2014 with perspective of "seeing the big picture". The Center is the academic home for many public health practitioners who serve as core, adjunct or joint faculty members. The faculty body of the center, like the students, represents a great cultural and ethnic diversity from many countries around the world. In 2014, the center continues to grow with new faculty. One of the main initiatives of the Center for Global Health was to launch a new (15-credit) online Global Health Certification program in fall 2014. In 2014, the Center for Global Health increased its presence in the community with a couple of new initiatives such as "Let's Move Virginia Beach After School Program", "The impacts of climate change on public health", and "Abukloi and South Sudan." The center also supports its faculty and students in pursuing interdisciplinary opportunities in scholarly activities, service and work force development. The center aims to maintain the highest quality of global health experience for its students, and to benefit the local, regional and international communities in meeting the global public health challenges of today and in the future.

## Center for Global Health Vision, Mission, and Core Values

### **Vision**

The Center for Global Health's vision is to improve people's health and quality of life on a local and global basis by leveraging Hampton Roads' unique strengths in education, research, and outreach.

### **Mission**

Our mission is to positively impact health and well-being through collaborations among faculty, students, communities, and other partners.

### **Core Values**

#### *Health Equity*

Health equity is the guiding principle for the Global Health Center. We aspire for all persons to have the opportunity to attain optimal health and for no one to be disadvantaged by social, political, economic, and/or cultural limitations.

#### *Inclusiveness*

ODU's Center for Global Health values inclusiveness, thereby promoting an environment for teaching, learning, practice, and research that facilitates the accomplishments of diverse persons. We strive to take into account different needs and strengths of individuals from diverse backgrounds. We seek to advance global health through global collaborations and partnerships that transcend cultural borders.

#### *Interdisciplinary*

We espouse an interdisciplinary approach to teaching, learning, practice, research, and service. We cultivate and promote interdisciplinary collaborations across campus, as well as collaborations with other institutions and communities, to improve health both locally and abroad.

#### *Knowledge-driven*

ODU's Center for Global Health only generates end-products that are grounded in the principles of scientific rigor and evidence-based knowledge.

# CENTER FOR GLOBAL HEALTH ACCOMPLISHMENTS

## 1. Partnership and Collaborations

- ✚ Physician for Peace - MOU with Physician for Peace for research and teaching activities
- ✚ Operation Smile - MOU with Operation Smile for research and teaching activities
- ✚ City of Virginia Beach – MOU with the City of Virginia Beach on the Let's Move Project
  - Virginia Beach Department of Health
  - Virginia Beach Park and Recreation
- ✚ Eastern Virginia Medical School - Collaboration with EVMS on M. Foscue *Brock Institute* for Community and Global Health and Masters of Public Health Program
- ✚ ABUKLOI - Collaboration on capacity building and service activities in South Sudan
- ✚ Colleagues in Care- Collaboration on new battery technology development for blood pressure monitor

## 2. Award

- ✚ ODU and the Center for Global Health was recognized for assisting Physicians for Peace in its quest to "teach one, heal many", receiving the President's Award at the organization's annual gala in November 2014. ODU has been one of the organization's partners for more than a decade. Through its College of Health Sciences, the university has established global health programs in nursing, physical therapy, dental hygiene and other disciplines.

### 3. Research and Service

#### 3.1. Projects

##### **Let's Move: A Program Evaluation for the Virginia Beach Department of Public Health and the Virginia Beach Department of Parks and Recreation.**

ODU's Principal Investigators: Dr. Muge Akpinar-Elci and Dr. Maureen Boshier

City of Virginia Beach Partners: Dr. Heidi Kulberg, MD, MPH, Health Director, and J. Turner, Analyst, Virginia Beach Department of Public Health. B. Lito, CPRP, Recreation Supervisor, City of Virginia Beach Parks and Recreation Out of School Time Program

Other participants: Dr. M. Sheth-Chandra, M. Bartholmae (ODU PhD Candidate). S. Pasupulati (ODU PhD Candidate), B. Geraghty (EVMS/ODU MPH Candidate), P. Alexander (ODU Undergraduate Student), M. Acevedo (ODU Undergraduate Student)

The Let's Move Virginia Beach (LMVB) healthy eating and physical activity intervention was developed by the Virginia Beach Public Health and Parks and Recreation Departments to combat childhood obesity. To counteract the apparent decline in healthy behaviors in adulthood, children ages 5 to 11 in the after school program were targeted for an intervention. The desired behavior changes for the LMVB intervention included 1) reduced sugared beverage consumption, 2) choosing correct portions and foods from the myPlate.gov food groups, and 3) increased physical activity. Each LMVB lesson included a short lecture, a relay race to reinforce the lesson concepts, and physical activity in the form of dancing. Every child received an item to take home (e.g., a water bottle to reinforce drinking water instead of sugared beverages) and a letter for parents with the lesson concepts and recommendations for behavior motivation and change.

The quantitative analysis is ongoing and will determine if the LMVB lessons increase the knowledge of the OST students directly; as well as any indirect change in parents' knowledge through discussion with their children. The Center for Global Health developed a survey to assess knowledge, attitudes, and practices of both children and parents as part of a pre- and post-test experimental design. Quantitative data was collected on 135 students in the Fall of 2014. The Center for Global Health is developing a complete set of lesson plans with program adjustments based on behavior theory and lessons learned from the 12 schools that have been piloted through Spring 2015. This program will be turned over to the OST Supervisor as a resource for future expansion of the LMVB program to all elementary schools in the City of Virginia Beach and possibly to the Commonwealth of Virginia.

- ✚ **Autism Project:** Current integrative treatments for children with autism spectrum disorder in the Dominican Republic.

Principal Investigators: Dr. Gail Grisetti, Dr. Jonna Bozien, Dr. Muge Akpinar

At the invitation of Patronato Cibao rehabilitation center, a large outpatient treatment facility in Santiago the Dominican Republic, Dr. Gail Grisetti, Associate Professor, School of Physical Therapy and Athletic Training, Adjunct Faculty Member, Center for Global Health and Dr. Jonna Bobzien, Assistant Professor Department of Communication Disorders and Special Education designed and implemented an advanced training program for members of the rehabilitation team in the newly created center dedicated to the treatment of children with Autism Spectrum Disorder (ASD). The new center was built to address the unmet needs of children with ASD, who, due to limited resources, have few opportunities to receive speech, occupational or physical therapy.

In consultation with Dr. Akpinar and with support from the Center, a four phases distance education training initiative culminated in an onsite visit with three days of clinical training. To assist with the onsite clinical training, a multidisciplinary team of speech, occupational and physical therapists was recruited from Dominion Physical Therapy Pediatric Center in Newport News. This center, which is owned by Dr Allen Jones, a member of the Advisory Board for both the School of Physical Therapy and Athletic Training, and the COHS, has an active program, which provides comprehensive care to children with Autism Spectrum Disorder. The project represents a unique partnership between programs at the University and the local community to address health needs internationally.

Twenty rehabilitation staff from Patronato completed three different modules on the theory of autism and the treatment of children along the spectrum over a 5 month period beginning in the January of 2014. The clinical team provided the onsite clinical training in May of 2014. The participants received traditional classroom style training as well as hands on training working in small groups. The twenty participants successfully completed the written and practical exams which were included in the onsite training.

- ✚ **Global Health Education Survey:** Global health education survey for university students.

Principal Investigator: Dr. Muge Akpinar-Elci

Co-Principal Investigators: Dr. Katherine Simms, Dr. Martha Walker

The goal of this study is to evaluate university students' viewpoints on global health. In this project, we surveyed ODU students regarding attitudes, beliefs, and practices towards global health. Data analysis completed in Spring 2015. A review of the literature indicates a general lack of consensus about the key definitions and concepts underlying the study of Global Health, even among faculty experts. Moreover, there is no information in the literature about how students conceptualize Global Health. This study will help to address this gap in the literature.

### **Diabetes Hospitalizations in Chicago.**

Principal Investigators: Dr. Jewel Shepherd, Dr. Koren Goodman, Dr. Manasi Sheth-Chandra.

The purpose of this study was to examine the variability in hospitalization rates of diabetes by geographical location and age from 2000-2011 and to explore low-cost technology mechanisms to reduce diabetes related hospitalizations through the use of mHealth.

### **Abukloi and South Sudan**

Principal Investigators: Dr. Muge Akpinar, Dr. Gail Grisetti,

This project was the result of a collaboration between the Center for Global Health and the local nonprofit organization, Abukloi which was founded by Angelo Maker, an ODU graduate and one of 3,000 orphans called the Lost Boys of Sudan. The Center for Global Health focused on current initiatives in South Sudan to support and offer solutions to the existing infrastructure problems in the newly formed nation. The center helped Abukloi to develop their strategic plan.

### **The Impacts of Climate Change on Public Health**

Principal Investigators: Dr. M. Akpinar-Elci, Dr. Hans-Peter Plag

The Center for Global Health and the Climate Change and Sea Level Rise Initiative (CCSLRI) worked on many different projects related to the Impacts of Climate Change on Public Health. These proposed projects would take a critical step toward resolving global health challenges related to climate change. In particular, the projects would help discern the processes by which economic, political, and environmental conditions impact the health and social constructs of risk and vulnerability related to climate change.



### **3.2. Publications** *(Peer reviewed Journal Article)*

- ✦ Macpherson C, **Akpinar-Elci M**. Caribbean Heat Threatens Health, Wellbeing, and the Future of Humanity. *Public Health Ethics*, 2014 (accepted)
- ✦ **Akpinar-Elci M**, Nguyen M, Bidaisee S, Elci OC. Pesticide Exposure in the Caribbean: A Case from Nutmeg Processing, *The Journal of Environmental Health* 2014 (accepted)
- ✦ Nakagawa J, **Akpinar-Elci M**, Medical students' knowledge and attitudes toward female sex workers and their occupational risks factors. *Int J Med Students* 2014; 2: 3:104-108 (**senior authorship**)
- ✦ Stoltzfus J, Carter J, **Akpinar-Elci M**, Matu M, Kimotho V, Giganti M, Langat D, Elci OC. Interaction between climatic, environmental, and demographic factors on cholera outbreaks in Kenya. *Infectious Diseases of Poverty* 2014; 3:37 (doi:10.1186/2049-9957-3-37) (**collaboration with student**)
- ✦ Shah P, Macpherson C, **Akpinar-Elci M**. Impact of undertreated Sickle Cell Pain in The Caribbean. *West Indian Medical Journal J* 2014; 1 (2): 63-66 (**senior authorship**)
- ✦ **Akpinar-Elci M**, Elci. OC. Microwave Popcorn Production Workers and Smoking. *Crit Rev Toxicol* 2014: 44 (7):638-9
- ✦ Macpherson C, Chiochankitmun N, **Akpinar-Elci M**. Hospice and palliation in English-speaking Caribbean. *Cambridge Quarterly of Healthcare Ethics* 2014; 23 (3): 341-348.

### **3.4. Book Chapter**

- ✦ **Akpinar-Elci M**, Sealy H. Climate Change and Public Health in the Small Island States and Caribbean Countries. *Climate Change and Global Public Health*, edited by Pinkerton K and Rom W. Springer publication. 2014, ISBN: 978-1-4614-8417-2

### **3.5. Presentations**

- ✦ **Akpinar-Elci M**, Bidaisee S, Durgampudi P, Radix R, Elci OC. Needle-stick injury prevention training among health care workers in the Caribbean. APHA, New Orleans, LA, Nov 2014
- ✦ **Nguyen M**, Akpinar-Elci M. "Global Perspective on Environmental Health." Tidewater AIHA Fall 2014 Professional Development Conference. Norfolk, VA, November 2014.

- # **Akpinar-Elci M**, Global Health and Climate Change. The Mitigation and Adaptation Research Institute (MARI) and Center for Coastal Physical Oceanography (CCPO) seminar series. Norfolk, VA, Nov 2014
- # **Akpinar-Elci M**, ODU and Global Health. Kiwanis International Club meeting. Norfolk, VA, Nov 2014
- # **Akpinar-Elci M**, What is Global Health? EVMS Internal Medicine Grand Rounds. Norfolk, VA, Oct 2014
- # Macpherson C, **Akpinar-Elci M**. Caribbean Impacts of Climate Change are Occurring Today. SGU and PHI ZETA Research Day, Grenada, Sept 2014
- # **Akpinar-Elci M**. Occupational Health Past to Present: The Situation in World, Occupational Health and Disease Symposium, Ankara, Turkey, June 2014 (**The keynote speaker of the conference**)
- # **Akpinar-Elci M**, Occupational Epidemiology and Challenges. Occupational Health and Disease Symposium, Ankara, Turkey, June 2014
- # **Akpinar-Elci M**, Bayram H. From Local to Global: Sand Storms, climate change and respiratory effects. Meet the Professor seminars, American Thoracic Society meeting, San Diego, CA May 2014
- # **Nguyen, M.**, Akpinar-Elci M. Pesticide Exposure in The Caribbean: A Case from Nutmeg Processing, poster presentation, Graduate Research Achievement Day (Old Dominion University, Norfolk, VA), March 27, 2014.
- # **Akpinar-Elci M**, Global Health and Sea Level Rise. ODU Modeling United Nations Conference (ODUMUNC ) Faculty Forum, Norfolk, VA, March 2014
- # **Akpinar-Elci, M**. Needle stick Injury in Heath Care Workers, ODU Nursing Lunch Seminars, Feb 2014

### **3.6. External Grant submitted**

- # A tool to Link Decision-making and Scientific Information for Minimizing Climate Change Impacts on Public Health within the Coastal Area. Oceanic and Atmospheric Research, National Oceanic and Atmospheric Administration, Department of Commerce (NOAA). \$279,636 08/2015-08/2016. PI: Muge Akpinar-Elci (waiting)
- # Hazards SEES: Assessing the threat of extreme geohazards: A global simulation experiment. NSF, \$2,696,817 08/2015-08/2018. Co-PI: Muge Akpinar-Elci (waiting)
- # Occupational Health Nursing Training. Centers for Disease Control and Prevention/National Institute for Occupational Safety and Health, (T03), \$375,000 08/2015-08/2018. PI: A. Jeng Co-investigator: Muge Akpinar (not funded)
- # The Impacts of Climate Change on Public Health: Linking Adaptation Policies and Public Perceptions. Submitted to the Institute of International Education. PI: Plag, H., CoPI's: Muge Akpinar-Elci, K. Lewis, A. Marfai, & M. Wilson. Amount requested: \$250,000 (not funded)

## 4. Teaching:

### ***Global Health Certification Program***

The Center for Global Health launched the first classes for the Graduate Certificate in Global Health on August 20, 2014. This competency-based certificate program aims to provide a comprehensive training on Global Health. The online Graduate Certificate in Global Health offers major benefits to many professionals within health care, engineering, life sciences, education, business and the liberal arts. The certification was designed as an online program for graduate students and professionals who are practicing or plan to practice in a worldwide setting. Graduates of the Global Health Certificate can expect to find employment in a variety of fields including health-related governmental/non-governmental organizations, university research programs, international healthcare consultancies, and multinational corporations. The students can complete this online certificate program in one year.

In Fall 2014, 14 students enrolled in the Global Health Certificate program in the College of Health Sciences at Old Dominion University. Eleven students in the certificate program completed the global health entry survey. The survey provided general demographics, interests and goals, to name a few about the cohort of students. The students' formal educational backgrounds consisted of psychology, behavioral sciences, public health, nursing, international studies, international business, health management, environmental health and dental hygiene. All of the students reported being well prepared or prepared to undertake the global health certificate program. Approximately, 82% believed that possible professional opportunities would derive from being in the program. Overall, students believed the global health certificate program would expand their knowledge on global health and policy issues, assess global health disparities and develop global partnerships to increase awareness.

#### **4.1 Courses:** Global Health Courses developed and offered (Fall, 2014)

HLSC 746. Epidemiology – Dorothy Faulkner, PhD

HLSC 776. Global Health – Muge Akpinar-Elci, MD, MPH

## 4.2 Internships

Student	Degree Program	Semester	Supervisor
Michael Acevedo	BS (ODU)	Fall 2014	Muge Akpinar-Elci
Pherin Alexander	BS (ODU)	Fall 2014	Muge Akpinar-Elci
Jessica Towns	BS (ODU)	Summer 2014	Muge Akpinar-Elci
Marilyn Bartholmae	PhD (ODU)	Summer 2014	Muge Akpinar-Elci
Sricharan Pasupulati	PhD (ODU)	Spring 2014	Muge Akpinar-Elci
Demetra Tate	PhD (Nova Southeastern University)	Spring 2014	Muge Akpinar-Elci

## 4.3. Advising of Students

- ✚ Koren S. Goodman (ODU, PhD in Health Services), re: PhD dissertation— Utilizing the Technology Acceptance Model to Predict System Use of an Interactive Behavior Change Technology to Deliver Virtual Diabetes Health Education (Spring 2014). Consultants: Drs. M. Akpinar & K. Simms
- ✚ My Ngoc Nguyen (ODU, PhD in Health Services), re: PhD Supervised Research. Farmer’s occupational health (Summer 2014). Consultants: Dr. M. Akpinar
- ✚ Brenda Bradshaw (ODU MS in Dental Hygiene), re: Master’s thesis. Victim Identification for Disaster Preparedness & Response: Survey of Dental Hygienists (Fall 2014). Consultant: Dr. K. Simms
- ✚ Leigh Ann Diggs (ODU, PhD in Health Services), re: PhD dissertation. A Pilot Model for Predicting the Success of Pre-hospital endotracheal Intubation (Fall, 2014). Committee member: Dr. M. Sheth-Chandra
- ✚ Liu Fu (ODU, PhD in Information Technology), re: PhD dissertation. The impact of Information System on Hospital Performance: Is It Effective to All? Committee member: Dr. M. Akpinar
- ✚ Dianne Roberts (UNISA PhD in Agriculture and Environmental Science, South Africa) re: PhD dissertation. Evaluation of a Pilot Land Degradation and Sustainable Land Management Education Intervention among Secondary School Students in Grenada. Dissertation Committee Chair: Dr. M. Akpinar

## 5. Events and Workshop:

**Public Health in Haiti** - The Center for Global Health co-sponsored a lecture where Dr. Michael Earnest discussed his organization's public health work in Petit Trou, Haiti. The event was very well received and attended. *November, 2014*

**"This Chair Rocks", how ageism warps our view of long life-** The Center for Global Health co-sponsored a lecture where Ashton Applewhite discussed ageing and myths of aging. The event was very received and attended. *November, 2014*

**Public Health and Climate Change Discussion** - Center for Global Health facilitated a discussion with seven state and local public health department directors and environmental health managers about their current work in the effect of climate change on health and what research might inform their practice from Va. Beach, Portsmouth, Norfolk, Chesapeake and the Peninsula. A discussion about ways to address these gaps highlighted the challenge of policy change, educating legislators, interstate or multi-jurisdictional efforts, and having policy champions as effective methods. *October 2, 2014*

**Religion, Ethics, and Dying, Controversies and Perspectives** - The Center for Global Health co-sponsored a lecture where Dr. Gerald Magill and Dr. Jonathan Crane provided information on what patients and families can expect from medicine to support a good death. The event was very well received and attended. *October, 2014*

**Occupational Health workshop in Turkey** - Director for the Center for Global Health, Dr. Akpinar, organized and chaired a workshop in the Occupational Health and Occupational Diseases symposium in Turkey. *June 5, 2014*

**Occupational Cancer WHO/PAHO Workshop in Colombia** - Director for the Center for Global Health, Dr. Akpinar, participated in a workshop on capacity building in Columbia. *May 1, 2014*

**Study Abroad** – The center sponsored 15 nursing students and one dental hygiene student's trip to Antigua, Guatemala. They partnered with Corazon de los Niños (Heart of the Children), an organization that serves 22 villages in the Sacatepèquez state. The students provided health care services and education to the underprivileged in Guatemala. After their trip, the students gave a presentation *March 2014*.

**Sixth Annual International Fair at ODU** - The Center for Global Health hosted a booth at the International Fair as part of its continued commitment to foster community

partnerships and to raise awareness of the Center's existence here at ODU. *March 30, 2014.*

**Lunch and Learn Series on Community and Global Health** - Director for the Center for Global Health, Dr. Akpinar, gave a presentation on needle-stick injury and prevention for healthcare workers in the Caribbean. *February 24, 2014*

**Odumunc Faculty Forum** - Director for the Center for Global Health, Dr. Akpinar, gave a presentation regarding the impacts of climate change on public health. *Feb 23, 2014*

**Abukloi Strategic Planning Workshop** - The Center for Global Health sponsored a Strategic Planning Workshop for Abukloi. Old Dominion University faculty and participants from Abukloi and the Hampton Roads community discussed ways to help the group develop possibilities for future partnerships with ODU. *February 10, 2014.*

## 6. Media

### 6.1. News articles within journals

- ✚ Akpinar-Elci M and McCombs G. University Implements Global Health Certification Program. *The Journal of Professional Excellence – Dimensions of Dental Hygiene*, 2014
- ✚ Students Touch Lives in Guatemala. *ODU Nursing*, 2014
- ✚ Global Health Center on Collaboration with School of Nursing. *ODU Nursing*, 2014

### 6.2. News articles online

- ✚ Salasky P. Global Health Program Starts Local - New Online Certificate Offered Through ODU. *Daily Press*, 2014

### 6.3. Newspaper articles

- ✚ Salasky P. Global Health Program Starts Local - New Online Certificate Offered Through ODU. *Daily Press*, 2014

## APPENDIX A

### Center of Global Health Personnel

- **Director, Associate Prof:** Muge Akpinar-Elci, MD, MPH
- **Statistician, Assistant Prof:** Manasi Sheth-Chandra, PhD
- **Research Associate:** Kathy Simms, PhD (Jan, 2014-Sep, 2014)
- **Administrative Assistant:** Jamie R. Edmonds, AS

### JOINT APPOINTMENTS

- **Gail Grisetti, PT, EdD**, Associate Professor - The School of Physical Therapy and Athletic Training
- **Sunil Joshi, PhD**, Assistant Professor- Medical Diagnostic & Translational Sciences
- **Gayle B. McCombs, RDH, MS**, Professor- Dental Hygiene Research Center
- **Kimberly Adams Tufts, DNP, WHNP-BC, FAAN**, Associate Professor and Assistant Dean for Interprofessional Education- School of Nursing
- **James Blando, PhD**, Assistant Professor- School of Community & Environmental Health

### ADJUNCT FACULTY

- **Hasan Bayram, MD, PhD**,  
Professor, University of Gaziantep, Turkey
- **Satesh Bidaisee, DVM, MSPH**  
Associate Professor, St. George's University, Grenada, WI
- **Enrico Wensing, PhD**,  
Assistant Professor, Plymouth University, UK and University of Virgin Islands
- **Dorothy Faulkner, PhD, MPH, PMP**  
Assistant Professor, EVMS

## APPENDIX B

### Advisory Board Members

**Chair:**

Ron Sconyers, Brigadier General (USAF, Ret.)  
President and CEO  
Physicians For Peace  
rsconyers@physiciansforpeace.org

**Members** (*Alphabetic order*)

Edwin Burkett, MD, MBA  
Director, Global Health Division and Assistant Professor  
Uniformed Services University of the Health Sciences  
edwin.burkett@usuhs.edu

Susan Girois, MD, MPA  
Board Certified Internist  
Alternate Project Director, Integrated Care Clinic  
City of Norfolk Community Services Board  
susan.girois@gmail.com

Regina Karp, Ph.D.  
Director, International Studies Program  
College of Arts and Letters  
Old Dominion University  
rkarp@odu.edu

Heidi A. Kulberg, MD, MPH  
Health Director  
Virginia Beach Dept. of Public Health  
Heidi.Kulberg@vdh.virginia.gov

Karen Remley, MD, MBA  
Chief Medical Director, Anthem Virginia  
karen.remely@wellpoint

Cynthia C. Romero, MD, FAAFP  
Director, M. Foscue Brock Institute  
For Community & Global Health  
Eastern Virginia Medical School  
[romerocc@evms.edu](mailto:romerocc@evms.edu)

Marcelo Siles, Ph.D.  
Executive Director, Office of International Programs  
Old Dominion University  
[msiles@odu.edu](mailto:msiles@odu.edu)



**APPENDIX C**  
**Advisory Board Committee Minutes**

**The Center for Global Health**

**Wednesday, April 15, 2015**

**10:30-11:30 a.m.**

**Health Sciences Building Room 3014**

<b>Attending</b>	Dean Shelley Mishoe, Dr. Muge Akpinar, General Ron Sconyers, Dr. Edwin Burkett, Regina Karp, Dr. Heidi Kulberg, Dr. Marcelo Siles, Dr. Karen Remely, Dr. Manasi Sheth-Chandra, MyNgoc Nguyen, Dr. Aurelio Gomes and Jamie Edmonds (recorder)
<b>Excused:</b>	

<b>AGENDA TOPIC</b>	<b>DISCUSSION</b>	<b>ACTION ITEM</b>
1. Welcome and Member Introductions		<b>Action:</b> Ron Sconyers welcomed board members and began introductions
2. Updates	Annual Report	<p><b>Action:</b> Board was asked to review Annual Report and make comments via email.</p> <p>Summary of Annual Report: In 2014 we have 3 MOU's, Physicians for Peace, Operation Smile, and Let's Move Virginia Beach. We continue to work the EVMS and Abokloi and Colleagues in Care.</p> <p><b>Action:</b> Heidi Kulberg reported</p>

	<p>Let's Move Project</p>	<p>that the Let's Move project has been a very successful pilot project to introduce nutrition education to children who participate in the after school programs in our elementary schools. Four elementary schools were targeted in the fall and four were targeted during the spring semester. The pre and post event surveys shows that the knowledge of healthy eating and active lifestyle has really changed for these students as well as their parents. The next step will be to conduct a six month survey to see if the program will be integrated into all of the schools.</p> <p><b>Action:</b> This survey was completed this semester and it only focused on ODU students.</p> <p><b>Action:</b> We assisted them in building the strategic plan for funding and also worked with them to develop a health needs assessment for South Sudan to enable them to look at the health and needs of the students. The Center for Global Health prepared the survey and report for them. The result of the survey indicated that students would really like to see some health education there. We a currently working on preparing the health education moderm for them.</p>
	<p>Global Health Education Survey</p>	

	<p>Abukloi and South Sudan</p> <p>Climate Change on Public Health</p> <p>Chicago Hospitalization</p>	<p><b>Action:</b> We are working diligently on this issue. We applied for one grant and hopefully we will have a decision in May. The focus of this project is the variability in the diabetes rates across different locations but mostly in the city of Chicago. The project is still on-going.</p> <p><b>Action:</b> We had 7 peer review publications and one book chapter that we completed last year and 12 professional presentation within the U.S. and International level. We submitted 4 external grants, one was unsuccessful and we are still awaiting the other three.</p> <p><b>Action:</b> The certificate program is up and running. However, it is very difficult to obtain accurate numbers as far as the number of students enrolled. This is because the university is not able to distinguish between electives and electives and electives counting towards a certificate. The numbers are very important for recruitment. We need them to show that the program is doing well. We have 14 students currently registered for just the certification. New registration just began for the fall. Also, In 2014 we taught 2 courses and currently we are teaching 2 more courses.</p>
--	--	---

Center Updates	<p>Also in 2014 we had 3 undergraduate and 3 graduate students work as interns in the center. Some were ODU students and some were from outside of ODU.</p>
Launched Global Health Certificate Program	
Events and Workshops	<p><b>Action:</b> The Center has participated in a total of 6 major university and community wide events. We also co-sponsored a few events that enabled good collaboration.</p>
Awards	<p><b>Action:</b> Physician's for Peace presented the Center with the 2014 President's Award.</p>
	<p><b>Action:</b> We have established a new collaboration with the China Eye Project: This group is focusing on China and more on</p>

	<p>Current Updates</p>	<p>cornea transplantation. They are working with the Lyons Eye Bank. Their goal is to train their people on how to perform the cornea transplant procedure and to also increase the cornea donation.</p> <p><i>LifeNet:</i> Has an established partnership with the COHS, however, the Center's involvement with LifeNet is through an internship. We are working with them on how to educate the community.</p> <p><i>Hypertension &amp; Blood Sugar Measurements:</i> This project started with the Colleagues in Care and we are working with the Engineering Department here at ODU. They are working to develop a new blood pressure measurement device using vibration.</p> <p><i>Norfolk Sister Cities:</i> We are in discussion with them about certifications, nursing and workshops.</p> <p>The Center has submitted one grant this year connecting with the oil spill in Louisiana.</p>
--	------------------------	--

	Grants	<p>The Center is collaborating with the ODU's Women's Studies on two projects. The first is Simelela and the second is Rawanda. The Simelela we looked at the incidence of assault among the residents of the town of Khaleyista. And for the Rawanda project we looked at how to build multidimensional community using educational data.</p>
	Collaborations	<p>Big data involves working with large complex data sets. For the purpose of global health the data will be used to improve or have an impact in the healthcare arena. The biggest challenges we face with big data is the storage, collection, date management and the privacy and security of that data. We developed a survey that was sent to the CUGH groups. We conducted this survey to get a better understanding the global health practitioner perspective about big data. Unfortunately, the participation for this survey was low but we will use this survey to publish something and hopefully we will be able to apply for grants. Also, the Center is collecting and analyzing data for Interprofessional Education (IPE).</p> <p>Dr. Akpinar-Elci traveled to Brazil</p>

	<p>Big Data</p>	<p>to visit the University of Fortaleza due to an MOU with the university. It belongs to a consortium of companies owned by one person. The university is located in very poor area so the owner is very interested in developing service projects. They have their own hospital and provide free services all the people in that area. Prior to Dr. Akpinar's visit, she spoke with Dean Mishoe and Dr. Marcelos and it was decided to create a project with them and they were very receptive to many ideas.</p> <p><b>Action:</b> These events were in collaboration with Jewish Studies, Women's Studies and Bio Ethic Group.</p> <p><b>Action:</b> We conducted a Global Health Certificate information session. The information session was very successful event. In spite of the rain we had 15 – 20 people in attendance. Also, we participated in ODU's International Fair. We received a lot of interest from ODU students and well as non-ODU students about our program. We also advertise in the college newsletter to get the word out about the certificate program.</p>
--	-----------------	--

	<p>Brazil Trip</p>	<p><b>Action:</b> My Ngoc Nguyn attended this conference on behalf of the center. The most interesting topic was mobilizing research to address global health issues. During the meeting they spoke about new innovations, emerging and infectious diseases,</p> <p><b>Action:</b> Graduate Research Achievement day is being held tomorrow. Barbara Geraghty will present the “Let’s Move Project” and My Ngoc will present</p> <p><b>Action:</b> The Center for Global Health now has its own Facebook page. This page was created by our undergrad students. Also, during the Chairs Counsel meeting with Dean Mishoe it was discussed that we need to create media for the center to advertise the center. So, we are working with Distant Learning at achieve this goal. We are also in the process of launching our news bulletin and ODU’s English Department students are assisting with this. We will continue to work on launching our Global Health Student Organization.</p>
	<p>Co-Sponsored Events</p>	



Marketing

CUGH Conference

	<p>Upcoming Events</p> <p>Activities</p>	
3. Group Discussion	Challenges of getting the center integrated into the campus	<p>This process is going very well. We still need to get more information out about the center. We are making connections with many different departments as a way to get the word out about the center. One of ODU's priorities is Climate Change/Sea Level rise and the Center for Global Health integrating more with those types of initiatives is help cement the center.</p>
<b>Next Advisory Board Mtg (TBA)</b>		