



**Old Dominion University**  
Center for Global Health

# 2019 ANNUAL REPORT

January 1, 2019 – December 31, 2019



**This report was prepared by the ODU Center for Global Health Team**

ODU Center for Global Health  
4608 Hampton Blvd, Room 3008 \* Norfolk, VA 23529  
Phone 757.683.6160 \* Fax 757.683.5336

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## **Executive Summary**

The Old Dominion University Center for Global Health continues to establish a strong local and regional presence in 2019. 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 around the world. In 2019, the Center for Global Health increased its presence in the local community with new initiatives such as Suffolk Public Schools Employee Wellness Initiative, Workforce Development Assessment for Obici Healthcare Foundation, and Service Learning with Ghent Area Ministries. The center also supports its faculty and students in pursuing interdisciplinary opportunities in scholarly activities, service and workforce 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.

# 1. ACCOMPLISHMENTS

## 1.1 PARTNERSHIPS AND COLLABORATIONS

### *Previous Partnerships and Collaborations (Before 2019)*

- **ABUKLOI** - Collaboration on capacity building and service activities in South Sudan  
(2013-2016)
- **Bon Secours Health System, Inc.** – Memorandum of Understanding (MOU) with Bon Secours Health System, Inc. for workforce development and training  
(2015-2016)
- **Cacao 360 Ghana** - Partnership for handwashing project  
(2018-2019)
- **Colleagues in Care**- Collaboration on new battery technology development for blood pressure monitor  
(2013-2015)
- **Eastern Virginia Medical School** - Collaboration with EVMS on M. Foscue *Brock Institute* for Community and Global Health and Masters of Public Health Program  
(2013-2018)
- **Ghent Montessori School** - Collaboration with Ghent Montessori school to implement the NIDA drug education toolkit  
(2015-2018)
- **Horizons Hampton Roads** - Collaboration with the Horizons program to implement the global health heroes' educational toolkit  
(2015-2018)
- **Ludwig Maximilian University of Munich** - Collaboration for Study Abroad in Munich program  
(2017)
- **Norfolk Prevention Coalition** - Collaboration on opioid project  
(2017-2018)
- **University of Fortaleza, Brazil (UNIFOR)** – Collaboration with UNIFOR for Interprofessional study abroad course in Brazil  
(2015-2016)
- **United Nations Foundation** - Collaboration with Officer from Global Health Advocacy for Mosquito Event  
(2017-2018)

- **University of New Mexico** - Collaboration for Study Abroad in Munich (2016-2017)
- **World Health Organization** - Collaboration for HealthWISE project (2016-2017)

#### *Current Partnerships and Collaborations*

- **Boys and Girls Club of Southeastern Hampton Roads** - Collaboration for Global Health Heroes project (2017-Present)
- **Chesapeake Department of Health** - MOU with Chesapeake Department of Health on students' practicums and internships coordination (2016-Present)
- **City of Virginia Beach** – MOU with the Virginia Beach Department of Health and Virginia Beach Park and Recreation on the Let's Move Project (2014- Present)
- **Girls Scouts of America** - Collaboration for Global Health Heroes program (2018-Present)
- **Healthy Chesapeake** - MOU with Healthy Chesapeake for program evaluation activities (2017-Present)
- **LifeNet** – MOU with LifeNet for internship scholarship opportunities (2016-Present)
- **Norfolk Department of Public Health** - Norfolk Department of Public Health to provide a service learning opportunity for students and community members to help support mosquito surveillance and source reduction efforts in Norfolk, VA (2016-Present)
- **Operation Smile** - MOU with Operation Smile for research and teaching activities (2015-Present)
- **Physician for Peace** - MOU with Physician for Peace for research and teaching activities (2013-Present)
- **Suffolk Public Schools** - Partnership on Wellness Initiatives for a Happy, Healthy, Productive Staff (2018-Present)

- **United Way** - Greater Hampton Road Dashboard Advisory Board  
(2017-Present)
- **Virginia Beach Department of Health** - MOU with Virginia Beach Department of Health for internships and practicum coordination  
(2017-Present)
- **Virginia Beach Housing Authority** - Collaboration for Homelessness Connect event  
(2018-Present)
- **Virginia Modeling and Simulation Center (VMASC)** - Collaboration for Opioid Data  
(2018-Present)
- **WaggiLabs** - Collaboration with Mr. Chic Thompson for health education  
(2018-Present)
- **Western Tidewater Health Department** - Collaboration on Nurse Family Practitioners project  
(2018-Present)

*New Partnerships and Collaborations (in 2019)*

- **Buffalow Family Foundation** – Collaboration for Food Distribution  
(2019)
- **Ghent Area Ministries** – Collaboration for homelessness resources identification and coordination  
(2019)
- **Obici Healthcare Foundation** – Collaboration to assess health care workforce gap in the Western Tidewater Region  
(2019)
- **ODU Strome Business School** – Collaboration to assess the engagement and effectiveness of the 23-hour Crisis Care Model which was funded by The Virginia Higher Education Opioid Consortium (VHEOC)  
(2019)
- **Virginia Beach Housing Authority** - Homelessness Collaboration for Resources Coordination  
(2019)
- **Youth Employment, City of Chesapeake** – Collaboration to assess internship opportunities  
(2019)

## 1.2 RESEARCH AND SERVICE

### 1.2.1 Programs and Projects in 2019

#### **Assessing the Health Care Needs of Members of a Subgroup of Suffolk Public Schools (SPS) Staff Members**

- ❖ ODU Center for Global Health Lead Team: **Dr. Michele Kekeh, Dr. MyNgoc Nguyen, Dr. Luisa Lucero, Dr. Muge Akpinar-Elci**
- ❖ Community Partners: Suffolk Public Schools, Obici Sentara Healthcare, Franklin and Suffolk Health Departments, and American Diabetes Association

In 2018, Suffolk Public Schools (SPS) launched a project titled “Wellness Initiatives for a Happy, Healthy, Productive Staff” to improve the health of three subgroups of workers within the school system that were at risk of adverse health outcomes. These subgroups of workers included bus drivers, cafeteria workers, and custodians. Most of these workers had Body Mass Indexes (BMIs) above 37. A BMI at this level indicates very high risk for health problems. Unfortunately, these three subgroups did not participate in the wellness program that was offered. As part of the effort to address the health issues among this population, SPS developed a collaborative to create a targeted, community-based wellness program that addresses the healthcare service needs of these workers. During the planning phase, the ODU Center for Global Health (CGH) developed data collection instruments (a survey and an interview questionnaire) and led a series of survey implementation and focus groups with the three identified subgroups at various sites in Suffolk, VA.

The data collected during the planning stage helped:

- Identify the healthcare needs of the three identified subgroups of workers using current healthcare utilization data from SPS;
- Obtain qualitative and quantitative data from these subgroups of workers to assess the components of the employee wellness program most desired by these workers; and
- Design a wellness program based on survey and focus group data as well as feedback from community partners.

The data collected were analyzed and the report was submitted to leaders of the wellness initiatives to help shape the program and address the health needs of participants.



### **Collaboration to Assess the Engagement and Effectiveness of the 23-Hour Crisis Care Model**

- ❖ ODU Center for Global Health Lead Team: **Dr. Muge Akpinar-Elci, Dr. Michele Kekeh**
- ❖ Community Partners: Dr. Robert McNab and Dr. Vinod Agarwal (Strome College of Business), Community Service Board (Mount Rogers)

The Center for Global Health collaborated with partners from the Strome College of Business and other partners to secure a grant from The Virginia Higher Education Opioid Consortium (VHEOC) to assess the effectiveness of the 23-hour crisis model. The Center is responsible for identifying all the necessary data point to conduct a holistic assessment.

### **Assessing Health Care Workforce Gaps in the Western Tidewater Region**

- ❖ ODU Center for Global Health Lead Team: **Dr. Michele Kekeh, Dr. MyNgoc Nguyen, Dr. Luisa Lucero, Dr. Hadiza Galadima, Dr. Muge Akpinar-Elci**
- ❖ Community Partners: Sarah Crouch (Obici Health Care Foundation)

The Obici Healthcare Foundation, an independent and private organization, serves the health care needs of the community and services the cities of Suffolk and Franklin; parts of Surry, Sussex, Southampton, and the Isle of Wight counties within Virginia; and Gates County in North Carolina. To better understand the strengths and opportunities of health care access in the Western Tidewater region, the Obici Healthcare Foundation collaborated with the Old Dominion University Center for Global Health to assess the health care workforce needs of the Western Tidewater region. Faculty from the Center and the School of Community and Environmental Health designed a survey instrument that was disseminated via email among leaders of healthcare organizations in the Western Tidewater region. The main purpose of this project was to:

- Identify the current Western Tidewater health care workforce needs
- Determine the gaps in the health care workforce and the driving forces to these gaps
- Identify training and retention practices within Western Tidewater Health Care System

### **Homelessness Collaboration for Resources Coordination**

- ❖ ODU Center for Global Health Lead Team: **Dr. MyNgoc Nguyen, Dr. Michele Kekeh, Ms. Jamie Edmonds, Dr. Muge Akpinar-Elci**
- ❖ Community Partners: Ghent Area Ministries and the Student National Environmental Health Association (SNEHA).

The Center for Global Health collaborated with SNEHA to implement a Holiday Drive for the Homeless from November 2018 to February 2019. Members of SNEHA assisted the center with creating marketing materials and collecting household items that were needed in the community. The drive collected over 70 lbs. of clothing, toiletries and canned goods for the homeless during the winter season. These supplies were donated to Ghent Area Ministries where they were given to women, men and children in need in Norfolk, VA.

### **Assessment of Sidewalks and Bike Trails Needs in Five Communities in Chesapeake, Virginia**

- ❖ ODU Center for Global Health Lead Team: **Dr. Michele Kekeh, Dr. Muge Akpinar-Elci**
- ❖ Community Partner: Healthy Chesapeake

In Summer 2019, the Center for Global Health implemented survey administration in five communities in Chesapeake, Virginia. The project was designed to assess community members' perception of sidewalks and bike lane opportunities available in their communities and how important they are for their engagement in active lifestyle.

### **Collaboration to Assess NEXTGen Internship Opportunities**

- ❖ ODU Center for Global Health Lead Team: **Dr. Michele Kekeh, Dr. Muge Akpinar-Elci**
- ❖ Community Partners: Youth Employment (City of Chesapeake)

The Center for Global Health collaborated with the City of Chesapeake to assess the effectiveness of the youth internship opportunities and impacts of the coaching program among program participants. The Center was responsible for designing the evaluation instruments that were disseminated among youth and coaches. The results will help the benefits of the program and areas of improvement.

### **Collaboration for Food Distribution**

- ❖ ODU Center for Global Health Lead Team: **Dr. Michele Kekeh, Dr. MyNgoc Nguyen, Dr. Muge Akpinar-Elci**
- ❖ Community Partners: Buffalow Family Foundation

In 2019, the Center for Global Health collaborated with Buffalow Family Foundation to distribute food in low health opportunity index communities in Chesapeake Virginia. The events took place in senior residences and churches and open to the entire communities. Students and faculty from the Center assisted in planning and implementing the event. In addition, they conducted surveys to understand the impacts of the events among participants.

### **Farm Project Survey**

- ❖ ODU Center for Global Health Lead Team: **Dr. Michele Kekeh, Dr. MyNgoc Nguyen, Dr. Muge Akpinar-Elci**
- ❖ Community Partners: Healthy Chesapeake

In 2019, the Center for Global Health collaborated with Healthy Chesapeake to implement a survey administration among local farmers in Hampton Roads, Virginia. In total 34 farmers filled out the survey and reported the locations where they sell their produce, type of produce, days and hours of operation, and opportunities they provide to the local community in terms of discounts on their produce. The data summary was disseminated among Healthy Chesapeake, Inc partners.

### **Healthy Chesapeake Program Evaluation**

- ❖ ODU Center for Global Health: **Dr. Michele Kekeh, Dr. Muge Akpinar-Elci, Dr. MyNgoc Nguyen**
- ❖ Healthy Chesapeake Partners: Ms. Jenny Fertig, Dr. Nancy Welch, Dr. Wendy Shofer, and Ms. Beth Reitz

In 2017, the ODU Center for Global Health signed an MOU with Healthy Chesapeake to support the evaluation effort for Health Chesapeake program activities. Healthy Chesapeake was created under the leadership of the Chesapeake Health Department and city leaders to address health issues focusing on the low Healthy Opportunity Index (HOI) communities in Chesapeake. The program uses community-driven approaches to implement nutrition education, promote access to healthy food, encourage an active lifestyle, and improve chronic diseases such as diabetes and high blood pressure. Healthy Chesapeake projects emphasize community empowerment

as an integral part of the interventions that include the Hub (diabetes and blood pressure management), SPARK (after school program for children), and nutrition education classes, art and healthy brain, Master Garden project, ambassadors training, and active lifestyle projects. Our role as an evaluation consulting entity for Healthy Chesapeake is to establish the evaluation system in all aspects of the program, research and develop necessary tools, create all forms and submit them for Institutional Review Board (IRB) approval, administer the instruments, conduct data analysis, and provide reports to stakeholders. The tools developed in 2017 include:

- Food Connection questionnaire
- Care program survey questionnaire
- Active lifestyle questionnaire
- Healthy Eating questionnaire
- Art Class questionnaire
- SPARK questionnaire
- Program satisfaction questionnaire

#### **Service-Learning Program on Global Health**

- ❖ ODU Center for Global Health Lead Team: **Dr. Michele Kekeh, Dr. MyNgoc Nguyen, and Dr. Muge Akpinar-Elci**

The Center for Global Health facilitates internship and practicum opportunities for students from ODU and other universities in United States. The staff from the Center also provides academic support for students throughout their projects. Students are involved in a variety of projects at the local health departments and other community organizations in Hampton Roads where they receive practical experiences in the field of public health. Projects that our students completed in Fall and Summer 2019 included:

- eRations program development
- Farmers' Market Survey Development and Implementation
- Baby care program assessment
- Food "Farmacy"
- Transportation opportunities offered by free clinics in Hampton Roads.
- Functional Food - Literature review
- Care program assessment
- Service-learning framework

## **Global Health Heroes Program**

- ❖ ODU Center for Global Health Lead Team: **Dr. MyNgoc Nguyen, Dr. Michele Kekeh and Mrs. Jamie Edmonds**
- ❖ Student participants: Hira Nadeem (Intern), Leila Elahi (Intern), Nariah Conley (Intern), Andrea Starr (Intern), Brandon Piel (Intern), Mary Secka (Intern), Shalom Kekeh (High School Student)
- ❖ Community Partners: Boys and Girls Club of Southeastern Virginia

In 2019, The Center for Global Health partnered with the Boys and Girls Club of Southeastern Virginia to implement the health education program in the community. The program was targeted towards low-income, elementary students. The purpose of Global Health Heroes was to teach students about global health and each individual's responsibility to the earth, which makes each person a global citizen. The center designed an illustrative PowerPoint presentation to teach students the fundamentals of global health and fun, and interactive games to reinforce learning. The PowerPoint presentation addressed scenarios for communicable illnesses, nutrition, and prevention strategies. The center also designed educational workstations that taught the students about healthy environmental health behaviors and nutrition. In workstation 1, students played a climate change board game that teaches them negative and positive outcomes of each of their environmental choices and a recycling sorting game which teaches them the various household items that are recyclable. In workstation 2, students were taught about the different food groups and types of health foods through a nutrition bingo game and sugar cube game. Lastly, the students ended the program with a poster session themed "What It Means To Be A Global Health Hero". Students were awarded t-shirts and certificates to signify their commitment to themselves, their community and their world.

## **Holiday Drive for The Homeless and Needy Families**

- ❖ ODU Center for Global Health Lead Team: **Drs. MyNgoc Nguyen, Dr. Michele Kekeh, Dr. Muge Akpinar-Elci, Ms. Jamie Edmonds**
- ❖ Partners: ODU School of Community and Environmental Health, Chesapeake Community Residents

In Fall 2019, The ODU Center for Global Health hosted a Holiday Drive for the Homeless and needy families. The drive gathered needed materials for families in need in the Hampton Roads community. Supplies from this drive was donated to a community organization in Spring 2020.

## EdLogics Health Literacy Project

- ❖ ODU Center for Global Health Lead Team: **Dr. MyNgoc Nguyen, Dr. Michele Kekeh, Dr. Muge Akpinar-Elci**
- ❖ Community Partner: EdLogics

The Center for Global Health has developed a partnership with EdLogics to design and implement a survey within ODU to assess student's knowledge, perception and practices related to the use of the e-learning health literacy platform. The survey will be implemented in Spring 2020.

### 1.2.2 Publications

#### *Peer Reviewed Journal Article*

- Samawathdana R, **Akpinar-Elci M**. Need for an Innovative Health Education Approach on the Health Effects of E-waste. *Kasetsart Journal of Social Sciences*, 2019 (in press)
- **Kekeh M, Akpinar-Elci M, Nguyen MT, & Welch N**. Innovative Framework for Academic and Public Health Departments' Partnership on Preparing Future Practitioners- Preliminary Data. Collaborations. *A Journal of Community-Based Research and Practice*, 2019 (in press)
- Hirschauer S, Karp R, **Kekeh M, Akpinar-Elci M**. Migration and Integration in Germany - A Multi-and Transcultural Critical Experiential Learning Approach Toward 21st Century Global Civic Skills. *Journal of Community Engagement and Higher Education*, 2019 (in press)
- Hirschauer S, Karp R, **Kekeh M, Akpinar-Elci, M**. Service-Learning Study-Abroad and Europe's Migration Crisis – A Case Study. *Intercultural Education Journal*, 2019 (in press)
- (†) Alemu BT, Hoch M, Van Lunen B, **Akpinar-Elci M**. A Multilevel Modeling Analysis of Predictors of Neonatal Hypoglycemia Among Diabetic and Non-Diabetic Mothers. *International Public Health Journal*, 2019;11(3):00-00.
- Olayinka O, Olayinka OO, Alemu B, **Akpinar-Elci M**, Grossberg G. Toxic Environmental Risk Factors for Alzheimer's Disease: A Systematic Review. *Aging Medicine and Healthcare*, 2019;10(1):4-17. DOI:10.33879/AMH.2019.1727
- (†) Claiborne D, Daniel S, **Akpinar-Elci M**, Bennington L. Pediatric Oral Health Practices among Nurses: A Pilot Study. *Pediatric Nursing*, 2019;45(1):1-6

### ***Book Chapter***

- **Kekeh M, Akpinar-Elci M, Allen MJ.** (2019) Sea Level Rise and Coastal Communities. In Akhtar R. Editor. Extreme Weather Events and Human Health. Springer Publication, New York. ISBN: 978-3-030-23772-1
- Olayinka O, **Akpinar-Elci M.** (2019) Impact of Hurricanes on Mental Health. In Akhtar R. Editor. Extreme Weather Events and Human Health. Springer Publication, New York. ISBN: 978-3-030-23772-1

### ***Technical Reports***

- **Kekeh M, Nguyen MT, Lucero L & Akpinar-Elci M.** Assessment of Health Care Needs Among a Subgroup of Suffolk Public Schools Staff – Survey and Focus Groups Results Report, July 2019
- **Kekeh M, Nguyen MT, Lucero L & Galadima H, Akpinar-Elci M.** Healthcare Providers Gap Assessment – Report, Obici Healthcare Foundation, July 2019
- **Kekeh M, Akpinar-Elci M & Galadima H.** BabyCare Program Assessment – Report, June 2019, Chesapeake Health Department, VA
- **Kekeh M, Akpinar-Elci M & Galadima, H.** Nurse Family Partnership Program Assessment – Report, June 2019, Western Tidewater Health District, VA
- **Kekeh M.** Obesity Prevention Program Evaluation Plan. Virginia Youth Foundation. Healthy Chesapeake, April 2019
- **Kekeh M & Akpinar-Elci M.** Healthy Chesapeake Evaluation Year-1 Report, April 2019, Healthy Chesapeake, Chesapeake, VA.
- **Kekeh M.** Chesapeake Farm-to-School Project. Virginia Youth Foundation - Evaluation Plan. Healthy Chesapeake, September 2019



### 1.2.3 Presentations

- **Nguyen MT, Kekeh M.** Implementation of a Community Based Health Education Program in a Low Resource Community in Virginia Using an Innovative Community-University Partnership Framework, American Public Health Association (APHA), Annual Conference, Philadelphia, PA, November 2019 (Roundtable Presentation)
- **Kekeh M,** Miller C, Andruczyk M, **Nguyen MT,** Fertig J, **Akpinar-Elci M.** Innovative Partnerships to Address Food Insecurity and Capacity Building for Agriculture Workforce – A Pilot Project, APHA, Annual Conference, Philadelphia, PA, November 2019 (Poster Presentation)
- **Kekeh M,** Galadima H, **Akpinar-Elci M,** Welch N. Assessing the Effectiveness of the Baby Care Program in the City of Chesapeake: A Retrospective Cohort Study, APHA, Annual Conference, Philadelphia, PA, November 2019 (Poster Presentation)
- **Akpinar-Elci M.** An Overview of Health Impacts of Climate Change. Scientific Symposium, International American Thoracic Society Meeting, Dallas, TX, May 2019
- **Akpinar-Elci M,** Global Health. Turkish Thoracic Society Annual Conference, Antalya, Turkey, April 2019 (*keynote speaker*)

### 1.2.4 Funding

- **Akpinar-Elci M (PI), Kekeh M (Co-PI), Nguyen MT, Lucero L, Galadima, H.** Assessing the Healthcare Workforce Gaps in the Western Tidewater District (2019) - \$20,000 USD (Funded)
- **Kekeh M (PI), Akpinar-Elci M (Co-PI), Nguyen MT, Lucero L.** Suffolk Public Schools Employee Wellness Initiative - Planning Grant (2019) - \$8,000 USD (Funded)
- **Nguyen MT (PI), Kekeh M (Co-PI), Akpinar-Elci M (Co-PI).** Graduate Recruitment Grant. Old Dominion University (2019) - \$750 USD (Funded)
- **Akpinar-Elci M (PI), Kekeh M (Co-PI).** Healthy Chesapeake Program Evaluation (2019) - \$10,000 USD (Funded)
- **Kekeh M (PI), Akpinar-Elci M (Co-PI).** Chesapeake Health Department (2019) - \$5,000 USD (Funded)
- **Nguyen MT (PI), Kekeh M (Co-PI), Edmonds J.** American Public Health Exhibition Booth grant. Old Dominion University (2019) – \$1,000 USD (Funded)
- **ODU Center for Global Health.** Crowdfunding for Global Health Heroes Program (2019) - \$1,000 USD (Funded)



## 2 Teaching

### *Global Health Certification Program*

The Center for Global Health launched the Graduate Certificate in Global Health in 2014. This competency-based certificate program aims to provide comprehensive training in Global Health. The online Graduate Certificate in Global Health offers major benefits to many professionals within healthcare, engineering, life sciences, education, business and the liberal arts. The certificate program was designed as an online program for graduate students and professionals who are practicing or planning to practice in a worldwide setting. Students can complete this online certificate program in one year.

In 2019, 14 students enrolled in the Global Health Certificate program in the College of Health Sciences at ODU. Two students completed the certificate program in 2019.

### **2.1 COURSES: GLOBAL HEALTH COURSES DEVELOPED AND OFFERED (FALL 2019, SPRING 2019, SUMMER 2019)**

- HLSC 746. Epidemiology – Abdullah Al-Taiar, MD, PhD
- HLSC 776. Global Health – Shelley Mishoe, PhD, M.Ed.
- HLSC 702. Health Management – Shelley Mishoe, PhD, M.Ed
- HLSC 785. Issues and Opportunities in Global Health Research – Michele Kekeh, PhD
- HLSC 778. Global Environmental Health – Muge Akpinar-Elci, MD, MPH
- HLSC 798. Supervised Research – Michele Kekeh, PhD
- HLSC 768. Practicum in Global Health course - Muge Akpinar-Elci, MD, MPH

## 2.2 INTERNSHIPS

Student	School	Semester	Supervisor
Ene Obeya	George Washington University	Spring 2019	MyNgoc Nguyen, Michele Kekeh
Maebelle Ayamga	Old Dominion University	Spring 2019	MyNgoc Nguyen
Regina Glover	Old Dominion University	Spring 2019	MyNgoc Nguyen
Sfair Alkthami	Old Dominion University	Spring 2019	MyNgoc Nguyen
Hira Nadeem	Old Dominion University	Summer 2019	MyNgoc Nguyen, Michele Kekeh
Brandon Piel	Old Dominion University	Summer 2019	MyNgoc Nguyen
Mary Secka	Old Dominion University	Summer 2019	MyNgoc Nguyen
Andrea Starr	Old Dominion University	Summer 2019	MyNgoc Nguyen
Nariah Conley	Old Dominion University	Summer 2019	Michele Kekeh
Leila Elahi	Old Dominion University	Summer 2019	Michele Kekeh, MyNgoc Nguyen
Kelly Shield	Old Dominion University	Fall 2019	Michele Kekeh
Jennifer Watson	South University	Fall 2019	Michele Kekeh
Emily Toney	Old Dominion University	Fall 2019	Michele Kekeh, MyNgoc Nguyen
Daniel Mardock	Old Dominion University	Fall 2019	MyNgoc Nguyen

## 2.3 ADVISING OF STUDENTS

- Whedbee K. (ODU, MPH Program), re: Service Learning Project – Environmental Health Board Game (Fall 2019). Adviser: **MyNgoc Nguyen**
- Bahena L. (ODU, MS in International Studies), re: Service Learning Project – Environmental Health Board Game (Fall 2019). Adviser: **MyNgoc Nguyen**
- Sirjani H. (ODU, PhD in Health Services Research), re: PhD dissertation - (Fall 2017-present). Adviser: **Michele Kekeh, Muge Akpinar-Elci**
- Achike M. (ODU, PhD in Health Services Research), re: Babycare Project– (Fall 2019 – present). **Adviser: Muge Akpinar-Elci, Michele Kekeh, Hadiza Gladima**
- Bermen-flucker B. (ODU, PhD in Health Services Research), re: Agriculture Project – (Fall 2017 – present). Adviser: **Muge Akpinar-Elci, Michele Kekeh, Hadiza Gladima, MyNgoc Nguyen**
- Letrice Samuel (ODU MPH program): Service learning and research advising. Adviser: **Michele Kekeh**

## 2.4 GRADUATES OF GLOBAL HEALTH CERTIFICATE PROGRAM

Student	Background	Degree Program	Semester
Solange Parades	Global Health	Global Health Certificate Program	Fall 2019
Shavia Scott	International Studies	GPIS Masters Program	Fall 2019

## 3 Events and Workshops

### *3.1. Center Hosted Events*

#### **Center for Global Health Holiday Drive for the Homeless & Needy Families – November 22 – December 13, 2019**

The Center organized a holiday drive to collect clothes, food, and toiletries for families in need.

#### **Center for Global Health/Counseling and Human Services: Experiences in Global Health. Presenter: Dr. Stuart-Dixon– September 10, 2019.**

This event focused on HIV prevention, behavior change, and adolescent sexual health

#### **Center for Global Health. Global Health Heroes Educational Event in Norfolk, VA – July 17, 2019**

The center hosted an educational event at a Boys and Girls Club of Southeastern Virginia community site in Norfolk, VA.

#### **Center for Global Health. Internship Program Orientation – May 2019**

Dr. MyNgoc Nguyen provide an overview of the Center and available research and community engagement opportunities to students during at the start of their internship in Summer 2019 and Spring 2019.

#### **Center for Global Health/Operation Smile Movie Viewing and Panel Discussion with the director: Just Like You, Facial Anomalies – April 26, 2019.**

This event consisted of a viewing of a documentary titled “Just Like You – Facial Anomalies”. Children with facial conditions share their stories and educate others about facial anomalies.

#### **Center for Global Health/ Hansen Family Foundation: Thinking with a Curious Mind- Presenter: Mr. Chic Thompson, March 19, 2019**

The Center hosted an event as a part of the NEA Big Read program. The focus of this event was to focus on the journey through the steps of strategic curiosity that foster a mindset of innovation and social entrepreneurship to help solve global public health issues.

#### **Center for Global Health: Compassionate Women Who Give so Much of Themselves Away. Presenter: Dr. Maria Stuttaford. February 5, 2019.**

The Center hosted an event about military spouses and Dr. Stuttaford gave a presentation about unpaid public work by military spouses.

### ***3.2. Event and Workshop Attendance***

#### **Nguyen MT, Kekeh M, Akpinar-Elci M, Dr Welch N. American Public Health Association Annual Meeting and Expo – November 4-9, 2019**

The center hosted an exhibit booth in collaboration with Chesapeake Health Department at the APHA Health Expo.

#### **Nguyen MT. Mental Health First Aid Workshop – October 25, 2019**

Dr. Nguyen participated in this workshop with interns from the center. This workshop addressed the current mental health state of the nation and examined strategies to mitigate common mental health conditions.

#### **Edmonds J., Kekeh M., Nguyen M. International Education Week -November 22, 2019**

The Center hosted a table to discuss the Thailand Study Abroad Trip

#### **Virginia Department of Health: Public Health Impacts of Climate Change Summit – June 10, 2019.**

VDH hosted the Public Health Impacts of Climate Change Summit with attendance from state leadership, local and national subject matter experts, state researchers, and public health specialist to assess the evidence of climate change and need for public health intervention. Dr. Muge Akpinar-Elci and Dr. Michele Kekeh attended this event.

#### **Kekeh M. Robert Wood Johnson Foundation (RWJF). System for Action Individual Research Project Series - 2019**

In 2019, Dr. Michele Kekeh participated in a series of training (12) offered by RWJF. The training sections are part of the mentoring offered by the Robert Wood Johnson Foundation. The focused was on addressing the health and social needs of low-income communities.

#### **Kekeh M. Healthy Chesapeake Strategic Planning – March 2, 2019**

Dr. Michele Kekeh presented a summary of Year 1 report at the strategic planning session for Healthy Chesapeake in 2019.

## 4 Media

### 4.1 NEWS ARTICLES ONLINE

- Harrell I. And the door prize go to... 2019 December. Retrieved from: <https://www.odu.edu/content/dam/odu/coldept/hs/docs/newsletters/2019newsletter/CoHS%20Holiday%20Newsletter.pdf>
- Harrell I. ODU Center for Global Health wins Two Governor's Technology Awards. News@ODU. 2019 September. Retrieved from: [https://www.odu.edu/news/2019/9/governor\\_s\\_technolog#.XfkqlPx7lQA](https://www.odu.edu/news/2019/9/governor_s_technolog#.XfkqlPx7lQA)
- Harrell I. Akpinar-Elci Named American Thoracic Society Fellow. News@ODU. 2019 June. Retrieved from: [https://www.odu.edu/news/2019/6/american\\_thoracic\\_so#.Xfpbffx7lQA](https://www.odu.edu/news/2019/6/american_thoracic_so#.Xfpbffx7lQA)
- Harrell I. Mini-documentary taps expertise of global health director. 2019 April. Retrieved from: <https://www.odu.edu/content/dam/odu/col-dept/hs/docs/newsletters/2019newsletter/April%202019%20Newsletter.pdf>
- Harrell I. Speaker connects curiosity to health literacy. 2019 March. Retrieved from [https://www.odu.edu/content/dam/odu/col-dept/hs/docs/newsletters/2019newsletter/March%202019%20Newsletter%20\(002\).pdf](https://www.odu.edu/content/dam/odu/col-dept/hs/docs/newsletters/2019newsletter/March%202019%20Newsletter%20(002).pdf)
- Harrell I. Helping the homeless connect. 2019 January. Retrieved from: <https://www.odu.edu/content/dam/odu/coldept/hs/docs/newsletters/2019newsletter/Jan%202019%20newsletter.pdf>
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## 5 Center Operational Updates

### 5.1 INTERNAL PROJECTS

- Completed WEAVE assessment plan for the graduate global health certificate
- Updated official Center for Global Health website
- Updated Internship Tracking Database
- Updated Global Health Certificate Program Tracking Database
- Developed Programs and Projects Outcomes Table
- Developed REACH LAB

### 5.2 EXTERNAL PROJECTS

- Hosted an exhibit booth at American Public Health Association

## 6 Appendixes

### 6.1 APPENDIX A

#### Center of Global Health Personnel

- **Director, Professor:** Muge Akpinar-Elci, MD, MPH, FRSPH
- **Associate Director:** Michele Kekeh, PhD
- **Program Manager:** MyNgoc Nguyen, PhD, MS, BSEH
- **Administrative Assistant:** Jamie R. Edmonds, BS, AS

#### 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, Virgin Islands
- **Maria Stuttaford, PhD**  
Associate Professor, London South Bank University, England
- **Kathleen Clark, PhD**  
Assistant Professor, CDC/ NIOSH Surveillance Branch, Morgantown, WV



## 6.2 APPENDIX B

### Advisory Board Members

**Chair:**

Claire Winiarek  
Vice President at Magellan Health  
[cwulfwiniarek@magellanhealth.com](mailto:cwulfwiniarek@magellanhealth.com)

**Members** (*Alphabetic order*)

Nancy Jallo, Ph.D  
Associate Professor  
Virginia Commonwealth University, School of Nursing  
[njallo@vcu.edu](mailto:njallo@vcu.edu)

Mike Jakubowski  
Senior Vice President  
TowneBank  
[Mike.Jakubowski@townebank.net](mailto:Mike.Jakubowski@townebank.net)

Jennifer Krzewinski  
Student Programs Associate Vice President  
Operation Smile Global Headquarters  
[Jennifer.Krzewinski@operationsmile.org](mailto:Jennifer.Krzewinski@operationsmile.org)

Shelley Mishoe, Ph.D  
Professor  
ODU School of Community and Environmental Health  
[smishoe@odu.edu](mailto:smishoe@odu.edu)

Bob Rudman  
Chief Global Products Officer  
Dollar Tree Inc.  
[brudman@dollartree.com](mailto:brudman@dollartree.com)

Nancy Welch, MD, MHA, MBA  
Director  
Chesapeake Health Department  
[Nancy.welch@vdh.virginia.gov](mailto:Nancy.welch@vdh.virginia.gov)

## 6.3 APPENDIX C

### Summary of Research Activities last 6 years

Figure 1. Research Activities in 2014-2019

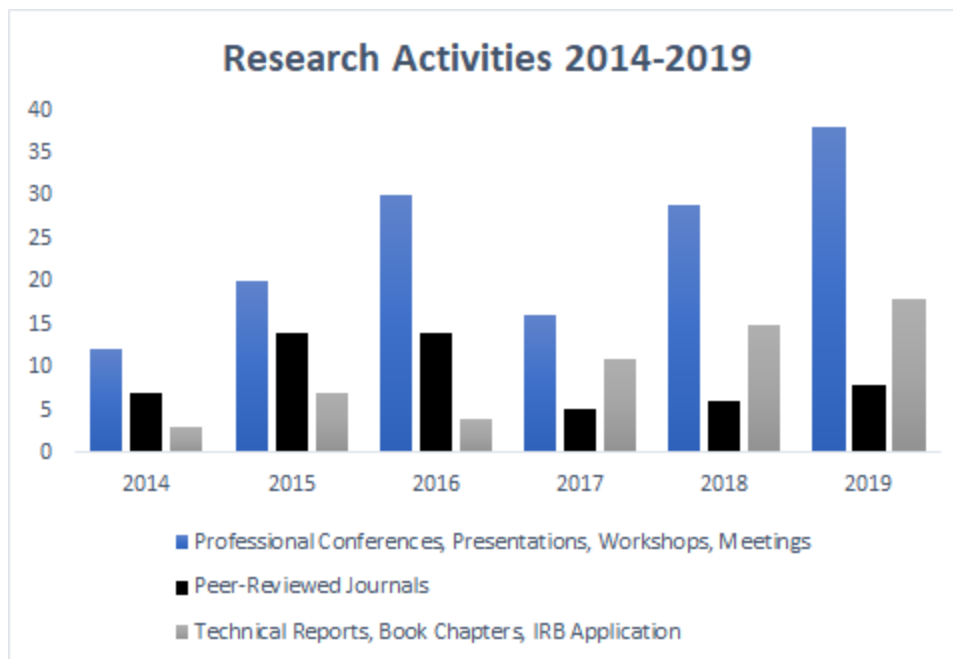


Table 1. Summary of Research Activities, 2014-2019

Year	Presentation Professional Conferences, Workshops, Meetings	Publications		Total
		Peer-Reviewed Journals	Technical Reports, Book Chapters	
2014	12	7	3	22
2015	20	14	7	41
2016	30	14	4	48
2017	16	5	11	32
2018	29	6	15	50
2019	38	8	18	64