2015 ANNUAL REPORT

March 2, 2016

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

The Old Dominion University Center for Global Health continues to establish a strong local and international presence in 2015. 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 2015, the Center for Global Health increased its presence in the community with new initiatives such as the College of Health Sciences Physician’s for Peace competency based toolkit, new service learning course development, and Occupational Health and Safety training among healthcare workers. 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.
1. Accomplishments

1.1 PARTNERSHIPS 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. Operation Smile provided an education fund for one of their workers to complete Global Health Certification Program (Fall 2015).
- 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
- A Buklo, Interdisciplinary collaboration with A Buklo on capacity building and service activities in South Sudan
- Colleagues in Care - Collaboration on new battery technology development for blood pressure monitor
- LifeNet – MOU with LifeNet for internship scholarship opportunities
- Bon Secours Health System Inc. – Collaboration on Occupational Health and Safety training
- University of Fortaleza, Brazil (UNIFOR) – Collaboration with UNIFOR for Interprofessional global health study abroad course in Brazil

1.2 RESEARCH AND SERVICE

1.2.1 Projects

- Physicians for Peace: Competency-Based Training Workshop
  Lead Team: Dr. Muge Akpinar-Elci, MyNgoc Nguyen (ODU PhD Candidate)
  Other participants: Denise Claiborne (ODU PhD Candidate), Dr. Olaniyi Olayinka
  This project was the result of collaboration between the Center for Global Health and the local nonprofit organization, Physicians for Peace. A workshop was given
to key leaders within the organization in order to assist with updating the strategic plan. We performed a SWOT analysis to identify the strengths, weaknesses, opportunities, and threats within the organization and presented on the specific and core competencies necessary for public health as well as health care providers.

**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 Lead Team: Drs. Muge Akpinar-Elci, Maureen Boshier

City of Virginia Beach Partners: Dr. Heidi Kulberg, 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). B. Geraghty (EVMS/ODU MPH student),

In 2015, The ODU Center for Global Health prepared the one year report for the Let’s Move Project. 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.

A survey to assess knowledge, attitudes, and practices (KAP) of both children and parents was collected on 135 students in the Fall of 2014 and Spring 2015. In Summer of 2015, the Center analyzed the data and evaluated the effectiveness of the program. The changes in KAP for the parents were statistically insignificant, \( p = .096 \). When separated by grade, the children in the Kindergarten group showed a statistically insignificant change (\( p = 0.334 \)). First, second, third, fourth, and fifth grades resulted in a statistically significant improvement of KAP (\( p < 0.05 \)). The results for all the grades combined were statistically significant improvement (\( p = 0.008 \)). Overall, the children significantly improved their KAP about healthy living after the delivery of the Let’s Move program.
Abukloi and South Sudan
Lead Team: Drs. Muge Akpinar-Elci, Gail Grisetti
Other participants: Morgan Tyler (ODU Undergraduate Student)

To assist Abukloi with strengthening their health education systems, the ODU Center for Global Health prepared a health education tool kit for secondary school teachers in South Sudan. It was recommended that the most effective method to implement health education within the Abukloi School would be to integrate a health education course into the required curriculum beginning at the 9th grade level. Depending on the current teaching model used, the health education course was included as a regularly scheduled class or an elective. A new topic was introduced each class with emphasis on topics related to individual health such as hygiene and water sanitation. Men and women were separated for topics related to sexual health, maternal health, and HIV/AIDS education because students felt comfortable asking questions related to these topics away from the opposite sex. Students were taught by their current teachers. A public health professional trained educators and gave them the necessary information to make a lesson plan for the students. Incorporating this course into the curriculum helped students become knowledgeable about health promotion practices.

Simelela Data Evaluation
Lead Team: Drs. Muge Akpinar-Elci, Jennifer Fish, Manasi Sheth-Chandra,
Other participants: Keikilani Martin (ODU Undergraduate Student)

The ODU Center for Global Health and ODU's Women's Studies Department performed a series of statistical analyses using Simelela sexual violence data from the Simelela Rape Crisis Centre in Khayelitsha, South Africa. The sexual violence data included number of rape cases, rape threats, and location of rapes. The information was also stratified by age and gender. The statistical analysis revealed that for females, over 90% of the perpetrators were family members. Also the number of rape cases were higher in females and elderly who are under the influence.
College of Health Sciences Interprofessional Education Day Evaluation

Lead Team: Drs. K. Adams-Tufts, Muge Akpinar-Elci, J. Blando, R. Poston, Manasi Sheth-Chandra

Other participants: Keikilani Martin (ODU Undergraduate Student)

The ODU Center for Global Health assisted in the evaluation of the 2015 College of Health Sciences' Interprofessional Education Day. The result of the evaluation showed that most of the respondents mentioned that the best thing about the event was: the keynote speaker presentation, the diversity and experience of the panel of speakers and the group activities. Respondents suggested that the event can be improved if it had a clearer goal, more audience participation, more effective time management and strategies, better organization and interprofessional communication.

Autism Training Program in Santiago, the Dominican Republic

Lead Team: Drs. Gail Grisetti, Jonna Bobzien, Muge Akpinar-Elci

We have taken the past year of the project to present at professional conferences on the implementation of the Autism Training Program in the DR. Additionally, we have published one journal article on the creation and implementation of the training program which included preliminary results of the research study linked to the training. Currently, we are working on a research manuscript based on the data collected from the training, which demonstrates the effectiveness of the overall program. Finally, we are in the process of obtaining new IRB permission to implement a subsequent training program and corresponding research program.

1.2.2 Publications (Appendix D – Summary of Research Activities last 2 years)

Peer reviewed journal article


Book Chapter


Hester P, Akpinar-Elci M, Shaeffer J. On complementarity and the need for a transdisciplinary perspective in addressing infectious diseases. Trans-

**Technical Reports**

- Interprofessional Education Evaluation Report, 2015

**1.2.3 Presentations**

(*) Our students are the presenter


- Macpherson CC, **Akpinar-Elci M.** Health Impacts of Climate Change in the Caribbean. CC Macpherson & M Akpinar-Elci. BSEC Forum. Trinidad and Toboga, WI, October 2015

- Macpherson CC, **Akpinar-Elci M.** Challenges in Public Health Policy and Governance: The Example of Caribbean Climate Change. The American Society for Bioethics and Humanities, Houston, TX, October 2015.


- **Akpinar-Elci M.** The Impact of Climate Change on Public Health in The Caribbean. WHO/PAHO Collaborating Centers Meeting, Montreal Canada, September 2015

- Akpinar-Elci M. Climate Change; Global health impact and local consequences. Workshop on Mitigation and Adaptation Research in Virginia, Suffolk VA, August 2015


- Akpinar-Elci M. Occupational Health; the situation in the world. WHO/PAHO regional meeting for occupational health of health care workers Bahamas, July, 2015 (The keynote speaker)


1.2.4 Grants (Submitted or Funded)

- **Akpinar-Elci M (PI), Nguyen MT (Co-PI), Adam-Tufts K (Co-PI).** Interprofessional Service Learning on Global Health in Brazil. ODU Service-Learning Mini-Grant (2015)- 1,000 USD


- **Akpinar-Elci M (PI), Martin B (Co-PI).** Planning grant for a joint School of Public Health in collaboration with ODU and Eastern Virginia Medical School. The General Assembly of Virginia, (2014) - 125,000 USD (Funded)

- **Akpinar-Elci M (PI), Nguyen MT (Co-PI), Blando J (Co-PI).** Impact of Deepwater Horizon Oil Spill on Chronic Diseases, and Health Care Utilization in Louisiana. Gulf of Mexico Research Initiative (GOMRI) (2015)- 290,712 USD (submitted not funded)

- Plag H (PI), **Akpinar-Elci M (Co-PI).** Hazards SEES: Assessing the threat of extreme geohazards: A global simulation experiment. NSF/EAR-SEES (2015)- 2,696,817 USD (submitted not funded)
2 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 2015, 17 students enrolled in the Global Health Certificate program in the College of Health Sciences at ODU. Twelve of them completed the global health certification 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. Five students completed the certificate program in Fall 2015.

2.1 COURSES: GLOBAL HEALTH COURSES DEVELOPED AND OFFERED (IN 2015)

- HLSC 746. Epidemiology – Olaniyi Olayinka, MD, MPH
- HLSC 776. Global Health – Muge Akpinar-Elci, MD, MPH
- HLSC 702. Health Management – Maureen Boshier, PhD
- HLSC 785. Issues and Opportunities in Global Health Research – Manasi Sheth-Chandra, PhD
- HLSC 778. Global Environmental Health – Muge Akpinar-Elci, MD, MPH
- HLSC 798. Supervised Research – Manasi Sheth-Chandra, PhD
- HLSC 768. Practicum in Global Health course - Olaniyi Olayinka, MD, MPH
- HLSC 705/805. Interprofessional Study Abroad on Global Health – Muge Akpinar-Elci, MD, MPH
2.2 INTERNSHIPS

<table>
<thead>
<tr>
<th>Student</th>
<th>Degree Program</th>
<th>Semester</th>
<th>Supervisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doris McNeil</td>
<td>Global Health Graduate Certificate (ODU)</td>
<td>Fall 2015</td>
<td>Olaniyi Olayinka</td>
</tr>
<tr>
<td>Christina Lalicata</td>
<td>BS (ODU)</td>
<td>Fall 2015</td>
<td>MyNgoc Nguyen</td>
</tr>
<tr>
<td>Tisha Jennette</td>
<td>BS (ODU)</td>
<td>Summer 2015</td>
<td>MyNgoc Nguyen</td>
</tr>
<tr>
<td>MyNgoc Nguyen</td>
<td>PhD (ODU)</td>
<td>Summer 2015</td>
<td>Muge Akpinar-Elci</td>
</tr>
<tr>
<td>Denise Claiborne</td>
<td>PhD (ODU)</td>
<td>Summer 2015</td>
<td>Muge Akpinar-Elci</td>
</tr>
<tr>
<td>Morgan Tyler</td>
<td>BS (ODU)</td>
<td>Spring 2015</td>
<td>Muge Akpinar-Elci</td>
</tr>
<tr>
<td>Rashawnda Osborne</td>
<td>BS (ODU)</td>
<td>Spring 2015</td>
<td>Muge Akpinar-Elci</td>
</tr>
<tr>
<td>Keikilani Martin</td>
<td>BS (ODU)</td>
<td>Spring 2015</td>
<td>Manasi Sheth-Chandra</td>
</tr>
</tbody>
</table>

2.3 ADVISING OF STUDENTS


- Alemu B. (ODU, PhD in Health Services), re: Program curriculum (Spring 2015 – present). Advisers: Dr. Muge Akpinar-Elci

- Stoner J. (ODU, PhD in Health Services), re: Program curriculum (Spring 2015 – present). Advisers: Dr. Muge Akpinar-Elci


- Reilly A. (ODU, BS from College of Sciences), re: Undergraduate Research Project – Impacts of flooding on mental health in Virginia (Fall 2015). Consultants: Dr. Muge Akpinar-Elci, MyNgoc Nguyen

- Claiborne D. (ODU, PhD in Health Services), re: PhD dissertation - Application of a Theory-based Educational Intervention to Increase Frequency in Performing Oral
Health Assessments on Children among Pediatric Nurse Practitioners and Nurses (Fall 2015 - present). Dissertation Committee Members: Drs. Susan Daniels, Muge Akpinar-Elci, Linda K. Bennington

- Nguyen MT. (ODU, PhD in Health Services), re: PhD dissertation – A Predictive Model for Health Care Utilization and Health Outcomes of Low Income Children in Post Disaster Recovery (Fall 2015 – present). Dissertation Committee Members: Drs. Muge Akpinar-Elci, Jim Blando, Olaniyi Olayinka

- Crosby M. (ODU, PhD in Health Services), re: PhD dissertation – Using Rural Location as a Predictor for Health Care Utilization (Fall 2015 – present). Dissertation Committee Members: Drs. Robert Cramer, Bonnie Van Lunen, Maureen Boshier, Muge Akpinar Elci

2.4 GRADUATES OF GLOBAL HEALTH CERTIFICATE PROGRAM

<table>
<thead>
<tr>
<th>Student</th>
<th>Background</th>
<th>Degree Program</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>MyNgoc Nguyen</td>
<td>Environmental Health, Health Services Research</td>
<td>PhD (ODU)</td>
<td>Summer 2015</td>
</tr>
<tr>
<td>Muna Ajzoon</td>
<td>Nursing, Health Services Research</td>
<td>PhD (ODU)</td>
<td>Summer 2015</td>
</tr>
<tr>
<td>Girlyn Cachaper</td>
<td>Health Services Research</td>
<td>PhD (ODU)</td>
<td>Summer 2015</td>
</tr>
<tr>
<td>Keisha Johnson</td>
<td>Residency in EVMS</td>
<td>MD (Ross University)</td>
<td>Summer 2015</td>
</tr>
<tr>
<td>Denise Claiborne</td>
<td>Dental Hygiene, Health Services Research</td>
<td>PhD (ODU)</td>
<td>Fall 2015</td>
</tr>
</tbody>
</table>
3 Events and Workshops

Religion, Ethics and Beginning of Life – The Center for Global health co-sponsored this event with Institute for Jewish Studies and Interfaith Understanding. Drs Gerard Magil and Jonathan Crane discussed bioethical issues around the beginning of life, Norfolk, VA, January 2015

A Journey Across Nations: Studying Trauma and Resiliency in Post-Conflict Societies on Three Continents- This event was hosted by the Women’s Studies Department & co-sponsored by The Center for Global Health. Dr. Jaya Earnest reflected on her own journey as an expert in the areas of gender, health inequity and the social determinants of health and participatory research. Norfolk, VA, March 2015

Information Session – The Center for Global Health held an information session for the graduate Global Health Certificate program where students were given an opportunity to engage with the faculty and staff from the program. Norfolk, VA, March 2015

International Fair – The Center for Global Health hosted a booth at the ODU International fair to promote the center’s current global health initiatives and projects. Norfolk, VA, April 2015

UNIFOR Workshop – Dr. Akpınar-Elci discussed “What is Global Health” at this workshop. Fortaleza, Brazil. April 2015

Health Ethics: War and Trauma – The Center for Global Health co-sponsored this event with Institute for Jewish Studies and Interfaith Understanding, and the Department of History. Norfolk, VA, April 2015

Workshop sponsored by PAHO and WHO- Dr. Muge Akpınar-Elci gave a presentation on “The impact of Climate Change on Public Health in The Caribbean.” and participate a workshop as an advisor. Montreal, Canada September 2015

Round-Table Discussion – The Center for Global Health hosted a round-table discussion with Dr. Marla Salmon. Norfolk, VA, September 2015

UVA Graduate School Fair - To promote the global health certificate among students in other schools, the Center for Global Health in partnership with Eastern Virginia Medical School MPH program hosted a booth at the graduate and professional fair at UVA. Charlottesville, VA, September 2015.

Environmental analysis to achieve: Environmental and Public Health Protection; Regulatory Compliance; and a Better Proposed Action- This event was co-sponsored by the Center for Global Health. Dr. James Maughan, Old Dominion University alumnus and vice president of Water Resources for CH2M Hill gave a
presentation in which he emphasized the importance of environmental analysis in protecting the environment and health. Norfolk, VA, September 2015

Seminar Invitation, “Digital Innovations at the Last Mile of Agriculture-Empowerment of Smallholder Farmers,”- This event was co-sponsored by the Center for Global Health and Strome Entrepreneurial Center and discussed how SourceTrace systems offers customized remote transaction solutions and real time operating platforms for agribusiness, financial inclusion and retail solutions. Norfolk, VA, October, 2015.

WHO/PAHO Collaborating Centers Meeting – Dr. Muge Akpinar-Elci was a participant in this meeting as an advisor. Occupational Cancers and Cancer Registry. Lima, Peru, October 2015

5th Annual Virginia Women’s Conference: “Your Passport to Success: Navigating the Worlds of Family, Self and Career”- The Center for Global Health participated in this event by setting up a table where information was available about the Certificate in Global Health. Norfolk, VA, November 2015

Information Session for Brazil – To offer additional information and answer any questions regarding the Interprofessional study abroad in Brazil course, the Center for Global Health hosted an information session in Dragas hall. Norfolk, VA, November 2015.
4 Media

4.1 NEWS ARTICLES ONLINE

- A blood pressure cuff that operates on harvested energy generated by the mechanism itself (multidisciplinary collaboration) was developed through. This blood pressure cuff is reliable, less expensive, more accessible, durable and smaller which makes it a good cuff to sue for developing countries.
  - ODU collaborates with cardiologist to develop cutting-edge blood pressure cuff, 2015
    - [https://www.odu.edu/news/2015/8/blood_pressure#.Vc9nZs48ClR](https://www.odu.edu/news/2015/8/blood_pressure#.Vc9nZs48ClR)

- Dr. Akpınar helped microwave popcorn processing workers and consumers understand the health hazards that Diacetyl poses to the lungs.
  - Pulitzer Prize awarded journalist Raquel Rutledge’s article, 2015
    - [http://www.jsonline.com/watchdog/watchdogreports/gasping-for-action-b99440601z1-291548941.html](http://www.jsonline.com/watchdog/watchdogreports/gasping-for-action-b99440601z1-291548941.html)
5 Center Operational Updates

5.1 INTERNAL PROJECTS

- Implemented a new graduate global health certificate program welcome package
- Implemented a new graduate global health certificate student tracking system
- Implement a new budget tracking system
- Developed and implement entry and exit surveys for the graduate global health certificate program (Appendix E)
- Updated brochures to showcase most recent initiatives and the global health certificate program
- Launched Facebook page to reach a broader audience

5.2 EXTERNAL PROJECTS

- Connecting with the Library of Alexandria to become one of the few regional Supercourse collaborative sites in the United States
6 Appendixes

6.1 APPENDIX A

Center of Global Health Personnel

- **Director, Associate Prof:** Muge Akpinar-Elci, MD, MPH, FRSPH
- **Program Manager:** MyNgoc Nguyen, MS
- **Statistician, Assistant Prof:** Manasi Sheth-Chandra, PhD
- **Assistant Prof:** Olaniyi Olayinka, MD, MPH
- **Biostatistician (vacant)**
- **Administrative Assistant:** Jamie R. Edmonds, AS

**JOINT APPOINTED FACULTY**

- **Gail Grisetti, PT, EdD,** Associate Professor - The School of Physical Therapy and Athletic Training
- **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, Virgin Islands
- **Dorothy Faulkner, PhD, MPH, PMP,** Assistant Professor, EVMS
6.2 APPENDIX B

Advisory Board Members

Chair:
Ron Sconyers, Brigadier General (USAF, Ret.)
Ron5930@gmail.com

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 Giros, MD, MPA
Board Certified Internist
Alternate Project Director, Integrated Care Clinic
City of Norfolk Community Services Board
susan.giros@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

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

Marcelo Siles, Ph.D.
Executive Director, Office of International Programs
Old Dominion University
msiles@odu.edu
6.3 APPENDIX C

Revenue Generated in 2015
Figure 1. Annual revenue generated by the center

<table>
<thead>
<tr>
<th>Budget Items</th>
<th>Totals (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>83,324.00</td>
</tr>
<tr>
<td>Research &amp; Service Grants</td>
<td>78,000.00</td>
</tr>
<tr>
<td>Travel</td>
<td>5,000.00</td>
</tr>
<tr>
<td>Donations</td>
<td>750.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td>167,074.00</td>
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</tbody>
</table>
6.4 APPENDIX D

Summary of Research Activities last 2 years

Figure 2. Research Activities in 2015 and 2014

<table>
<thead>
<tr>
<th>Research Activity</th>
<th>2014</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presentations</td>
<td>14</td>
<td>8</td>
</tr>
<tr>
<td>Publications: Peer Reviewed</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Publications: Technical Reports and Book Chapters</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

Table 2. Summary of Research Activities, 2014-2015

<table>
<thead>
<tr>
<th>Year</th>
<th>Presentations</th>
<th>Publications</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Professional Conferences, Workshops and Meetings</td>
<td>Peer Reviewed Journal Articles</td>
<td>Technical Reports and Book Chapters</td>
</tr>
<tr>
<td>2014</td>
<td>12</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>2015</td>
<td>20</td>
<td>14</td>
<td>7</td>
</tr>
</tbody>
</table>
6.5 APPENDIX E

Summary of Entry Surveys

Figure 3. Previous Degrees/Certifications Held for Students Admitted to Certification Program

![Bar chart showing number of degrees held by type of degree.]

Table 3. Summary of Degrees/Certifications Held

<table>
<thead>
<tr>
<th>Type of Degree</th>
<th>Totals*</th>
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</thead>
<tbody>
<tr>
<td>Bachelor’s Degree</td>
<td>12</td>
</tr>
<tr>
<td>Master’s Degree</td>
<td>8</td>
</tr>
<tr>
<td>Two or More Degrees</td>
<td>7</td>
</tr>
</tbody>
</table>

* Total does not equal 17
Figure 4. Referral Method for Graduate Global Health Certificate Program

<table>
<thead>
<tr>
<th>Referral Method</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Member</td>
<td>8</td>
</tr>
<tr>
<td>Online Sources (email, website)</td>
<td>3</td>
</tr>
<tr>
<td>Friend/Co-Worker</td>
<td>3</td>
</tr>
<tr>
<td>ODU Orientation</td>
<td>2</td>
</tr>
</tbody>
</table>

Table 4. Summary of Referral Method for Graduate Global Health Certificate Program
Figure 5. Academic Expectations for the Graduate Global Health Certificate Program

Academic Expectations

- Very High
- High
- Somewhat High
- Not High
- Undecided