

*Compiled on February 2021*

## EDUCATION

- University of Maryland, Baltimore County**, Baltimore, MD **2022 (expected)**  
*Ph.D.*, Human-Centered Computing  
Concentrations: Accessibility, Health and Wellness | Human Factors Engineering | Privacy & Ethics  
Advisor: Dr. Helena Mentis
- Howard University**, Washington, DC **May 2013**  
*Bachelor of Science*, Computer Engineering

## PUBLICATIONS

### Peer-Reviewed Conference Papers

**Adegboyega Akinsiku**, Ignacio Avellino, Yasmin Graham, and Helena M. Mentis. 2021. It's Not Just the Movement: Experiential Information Needed for Stroke Telerehabilitation. *To Appear* In CHI Conference on Human Factors in Computing Systems (CHI '21), May 8–13, 2021, Yokohama, Japan. ACM, <https://doi.org/10.1145/3411764.3445663> [Acceptance: 25.7%]

### Peer-Reviewed Conference Workshop Papers

**Adegboyega Akinsiku**, Divyesh Jadav, "BeaSmart: A Beacon Enabled Smarter Workplace," Network Operations and Managements Symposium. NOMS 2016. IEEE/IFIP, Istanbul, Turkey [Research Conducted at Almaden Research Center]

### Peer-Reviewed Conference Posters

**Adegboyega Akinsiku**, "Informal Education: Project Based Learning in Maker Sessions," World Engineering Education Forum. WEEF 2016., Seoul, South Korea, 2016

## PRESENTATIONS

- University of Maryland, Eastern Shore 2014 Regional Research Symposium** **2014**  
*Princess Anne, MD. Graduate Presenter.*  
"Exploring Opportunities and Challenges for Wearable Computing in Classroom Settings"
- University System of Maryland PROMISE AGEP Research Symposium & Professional Development (Lightening Round)** **2014**  
*College Park, MD. Graduate Presenter.*  
"Exploring Opportunities and Challenges for Wearable Computing in Classroom Settings"
- Emerging Researchers National (ERN) Conference in STEM** **2013**  
*Washington, DC. Finalist & Presenter.*  
"Controlling a Robotic Hand using a Non-Invasive Brain-Computer Interface"
- National Conference on Undergraduate Research (NCUR)** **2013**  
*University of Wisconsin-La Crosse. Finalist & Presenter.*  
"Controlling a Robotic Hand using a Non-Invasive Brain-Computer Interface"
- Georgia Tech Graduate Technical Symposium ([GT]2)** **2013**  
*Georgia Institute of Technology. Presenter.*  
"Applications of Microprocessors, Speech Recognition, & Computer Vision within Assistive Technology"

**International Conference on Appropriate Technology (ICAT)** 2012  
*Pretoria, South Africa. Presenter.*  
 “Water is Life: Harvesting and Biosand Treatment”

## INVITED TALKS AND PANELS

“A Celebration of Black Men in STEM: What is Your Narrative?” February 23, 2018  
**The National Academies of Sciences, Engineering, and Medicine**  
*Panelist*

“Novel Approaches for Experiential Learning” September 28, 2017  
**2017 STEM Higher Education Council National Leaders Summit**  
*Panel Moderator*

“Year 3000: The Next Generation of STEM Talent” April 27, 2017  
**Global STEM Talent Summit Presented by STEMconnector**  
*Speaker & Panelist*

“Participatory Workshop on Effective Mentoring in STEMM: Practice, Research, and Future Directions” February 10, 2017  
**The National Academies of Sciences, Engineering, and Medicine**  
*Speaker & Workshop Facilitator*

“The White House Conference on Inclusive STEM Education for Youth of Color” October 28, 2016  
**The White House**  
*Panelist*

“Forum of Latin-American Students on Engineering Education: Student Mobility” 2014  
**Latin American and Caribbean Conference for Engineering. Guayaquil, Ecuador.**  
*NSF USA Delegate & PROMISE AGEP Panelist*

“Fall Opening Meeting” 2013  
**University of Maryland, Baltimore County**  
*Speaker*

## SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

### Fellowships

Christine Mirzayan Science and Technology Policy Graduate Fellow 2020

Meyerhoff Graduate Fellow 2017

National GEM Consortium PhD Fellow [Intel Scholar] 2015

Louis Stokes Alliance for Minority Participation (LSAMP) Bridge to the Doctorate Fellow 2013-2015

### Scholarships

Generation Google Scholar 2018

National Society of Black Engineers [Microsoft Scholar] 2011

### Awards

Emerging Researchers National (ERN) Conference in STEM 1st Place Oral Presentation winner in Computer Sciences & Information Management 2013

Black Engineer of the Year Award (BEYA) Student Leadership Community Award 2012

## PROFESSIONAL & RESEARCH WORK EXPERIENCE

<b>University of Maryland Baltimore County (UMBC)</b> <i>Catonsville, MD. Research Assistant, Stroke Telerehabilitation, Education of Ethics in Technology, Wearable Technology, Adaptive User Interfaces (AUD), Assistive Technology</i>	<b>2014 - present</b>
<b>University of Maryland Baltimore County (UMBC)</b> <i>Catonsville, MD. User Studies Lab Manager</i>	<b>2016 - 2017</b>
<b>African Leadership University</b> <i>Pamplemousses, Mauritius. Curriculum Development Intern, Computer Science Learning Team</i>	<b>2016</b>
<b>IBM Research-Almaden</b> <i>San Jose, CA. Leading to Africa Graduate Research Intern, Cloud Delivery Lifecycle and Analytics Group</i>	<b>2015-2016</b>
<b>Intel Corporation</b> <i>Hillsboro, OR. Graduate User Experience Technical Intern, Communication &amp; Devices Group</i>	<b>2015</b>
<b>University of Maryland Baltimore County (UMBC)</b> <i>Catonsville, MD. Technology Development Assistant</i>	<b>2013</b>
<b>Global Education Awareness Research Undergraduate Program (GEAR-UP)</b> <i>Quezon City, Philippines. Undergraduate Researcher at Ateneo De Manila University, Assistive Technology</i>	<b>2012</b>
<b>Howard University Science, Engineering, &amp; Mathematics Program (HUSEM)</b> <i>Washington, DC. Undergraduate Researcher. Computer Vision, Assistive Technology, Computational Science</i>	<b>2010-2013</b>
<b>Howard University's Howard Engineer Magazine</b> <i>Washington, DC. Editor-In-Chief and Design/Layout Editor.</i>	<b>2010 - 2013</b>

## ACADEMIC SERVICE

<b>Guest Lecturer</b> <i>University of Maryland Baltimore County (UMBC) - IS664/464 Telemedicine</i>	<b>2020</b>
<b>Reviewer</b> <i>ACM CHI Conference</i>	<b>2017, 2020</b>
<b>Graduate School Conference Chairperson</b> <i>National Society of Black Engineers (NSBE)</i>	<b>2017-2018</b>
<b>Reviewer</b> <i>International Journal of Human-Computer Studies (IJHCS)</i>	<b>2017</b>
<b>Reviewer</b> <i>International Conference on Human-Computer Interaction with Mobile Devices and Services</i>	<b>2017</b>
<b>Report Reviewer</b> <i>The National Academies of Sciences, Engineering, and Medicine. Washington, DC</i>	<b>2017</b>
<b>Student Volunteer</b> <i>ACM CHI Conference</i>	<b>2017, 2018</b>
<b>Invited Moderator</b> <i>University of Maryland Eastern Shore, Regional Research Symposium. Princess Anne, MD.</i>	<b>2017</b>
<b>Organizing Committee Member</b> <i>ISRC FIKA (Coffee Hour) Research Meetings, Department of Information Systems, UMBC.</i>	<b>2016</b>

**Meta-Reviewer**

African Conference for Human Computer Interaction (AfriCHI). *Nairobi, Kenya.*

**2016**

**Volunteer Student Aide**

International Conference on Appropriate Technology (ICAT). *Pretoria, South Africa.*

**2012**