

**EDUCATION****University of Chicago** **Chicago, IL****M.A.** || *Social Sciences* || 2017Thesis: *Interfaced Affects: Computing, Mediation and Care in Neuropsychiatric Monitoring* || Advisor: Joseph Masco**Oberlin College** **Oberlin, OH****B.A.** || *Neuroscience* || 2015Capstone: *Inverting Psychometric Diagnostics to Identify Ototoxic Gene-Environment Interactions in DFNB3 "Isolated Village Deafness" in Bengkala, Bali* || Advisor: Leslie Kwakye**RESEARCH EXPERIENCE****University of Chicago, Anthro. Dept.** **Chicago, IL***Graduate Student Researcher* || *Sept 2016 – Aug 2017*

- Conducted “laboratory study” composed of seven months of ethnographic research with psychiatrists, data scientists, neuroscientists and entrepreneurs
- Used participant observation and semi-structured interviews to study the technical and conceptual development of a patient monitoring app for bipolar disorder
- Supported project with graduate training in theory and methodology

**Kwakye Multisensory Integration Lab** **Oberlin, OH***Research Assistant* || *Sept 2013 – July 2015*

- Designed and supervised development of ‘virtual reality’ application for studying how sensory systems interact
- Acting lab manager for recruitment, scheduling, correspondence and study moderation with research study participants
- Updated lab data management practices by building streamlined analysis programs to integrate data across multiple concurrent studies

**Oberlin College, Anthro. Dept.** **Oberlin, OH***Research Assistant* || *Feb – June 2015*

- Conducted background research for professor’s book on environmental science and war in the Middle East
- Prepared literature reviews on topics in environmental economics and systems ecology
- Analyzed media of journalism about military activities and ecological projects

**Simen Cognitive Neuroscience Lab** **Oberlin, OH***Volunteer Research Assistant* || *July – Aug 2013*

- Programmed computer-based neuroscience tasks for computational studies on human decision-making

**TEACHING EXPERIENCE****Self-Employed** **Chicago, IL***Tutor* || *Feb 2016 – Apr 2018*

- One-on-one tutoring for undergraduate, professional and returning students in essay writing, symbolic logic, and graduate test prep (GRE)

**Robot City Workshop** **Chicago, IL***Instructor* || *Mar – June 2016*

- Taught electronics, physics and engineering concepts to elementary school students as part of traveling city-wide after-school program

**Oberlin College, Philosophy Dept.** **Oberlin, OH***Grading Assistant & Peer Tutor* || *Sept 2013 – Dec 2014*

- Graded assignments and tutored students in undergraduate philosophy course on symbolic logic

**RELEVANT WORK EXPERIENCE****Self-Employed** **Chicago, IL***Editor & Writer* || *Jan 2018 – present*

- Copy-editing, proof-reading and ghostwriting industry and lay-audience articles about technology

**CoNECt Lab** **Chicago, IL***VR Technology Consultant* || *July – Oct 2016*

- Facilitated early-stage ‘virtual reality’ project design for an experimental Body Dysmorphia exposure therapy—part of a collaboration between psychiatry department and engineering school

**COMMUNITY & ARTS****No Nation Art Gallery & Lab** **Chicago, IL***Resident Artist* || *Feb – Aug 2016*

- Coordinated gallery exhibitions, performances, artist talks for independent gallery space
- Pursued artistic and research projects related to technology, surveillance, sound

**The Powerplant** **Oberlin, OH***Event Manager* || *Aug 2014 – Feb 2015*

- Managed and facilitated concerts at music venue featuring local artists and bands
- Promotions for concerts and events

**WOBC 91.5 FM** **Oberlin, OH***Disc Jockey* || *Jan 2013 – Dec 2014*

- Hosted and planned weekly community radio shows covering a range of musical genres including punk, improvised and Brazilian music

## PUBLICATIONS

- Bailey, H. D., Mullaney, A. B., Gibney, K. D., & Kwakye, L. D. (2018). [Audiovisual integration varies with target and environment richness in immersive virtual reality](#). *Multisensory Research*, 31(7), 689 – 713. doi:10.1163/22134808-20181301

## CONFERENCE PRESENTATIONS

- [Toward a Naturalistic Model of Multisensory Integration](#). Poster presented at *Society for Neuroscience* (2015), Chicago, IL.
- Multisensory Integration in Immersive Virtual Environments. Talk presented at *Perspectives on Synesthesia from Neuroscience* panel, Synesthesia Symposium (2015), Oberlin, OH.
- Audio-Visual Integration Varies with Stimulus and Background Complexity in a Virtual Environment. Poster presented at *Annual Biomedical Research Conference for Minority Students* (2014), San Antonio, TX.

## ADDITIONAL COURSES

- **2018** *CopyrightX* || HarvardX || Prof. William Fisher

## AWARDS & SCHOLARSHIPS

- **2016-17** *Merit-Based Full Tuition Scholarship* || University of Chicago
- **2015** *Department Student Travel Award* || Oberlin College Neuroscience Dept.
- **2015** *Associate Membership Nomination* || Sigma Xi
- **2014** *ABRCMS Full Travel Award* || Annual Biomedical Research Conference for Minority Students
- **2013-15** *Class of 1928 Scholarship* || Oberlin College
- **2013** *Class of 1961 Scholarship* || Oberlin College

## SOFTWARE & TECHNICAL PROFICIENCIES

- **Writing & Organization:** bibliography management, project management, Git (version control), office suites (G/MS/Libre), Markdown, text editors, spreadsheets, presentation programs, Linux (Ubuntu, Debian)
- **Visualization & Media:** desktop publishing, vector graphics, static web development,  $\text{\LaTeX}$  (type-setting), 3D computer graphics, VR scripting and design, ffmpeg (A/V post-production)
- **Programming Languages:** Python, Java, Bash, R, Processing

## LANGUAGES

- English (native)
- Spanish (intermediate)