

SUMMARY

- Diverse research background using behavioral neuroscience & ethnographic methods to address users' experiences with emerging technologies
- Independently-driven collaborator with extensive experience making interdisciplinary teams work
- Practical, highly resourceful & big picture-oriented problem solver with an anthropologist's eye for out-of-the-way details

EDUCATION

University of Chicago Chicago, IL

M.A. || *Social Sciences* || Aug 2017

Thesis: *Interfaced Affects: Computing, Mediation & Care in Neuropsychiatric Monitoring* || Advisor: Prof. Joseph Masco

Oberlin College Oberlin, OH

B.A. || *Neuroscience* || May 2015

SKILLS & TECHNICAL PROFICIENCIES

- **Research & Analysis:** ethnography, research design, HCI, semi-structured interviews, interview coding & transcription, mixed methods, IRB submissions, data analysis, data visualization, secondary research || *ELAN, SPSS, Python*
- **Design & Communication:** report writing, team projects, interdisciplinary communication, mind-mapping, flow-charts, information architecture, 3D interfaces, scientific presentations, posters || *Illustrator, Photoshop, Lucidchart, 3DS Max, Maya, Markdown, Jekyll, L^AT_EX, Word, PowerPoint, Google Apps*
- **Coordination:** scheduling, subject recruitment, note & reference organization, automation tools, spreadsheet programming, repositories || *Excel, Calendar, Zotero, AutoHotkey, Git, Atom*
- **Languages:** *English (native), Spanish (intermediate)*

PUBLICATIONS & PRESENTATIONS

- Bailey, H. D., Mullaney, A. B., Gibney, K. D., & Kwakye, L. D. (in press). Audiovisual integration varies with target and environment richness in immersive virtual reality. *Multisensory Research*.
- Bailey, H. D., Mullaney, A. B., Gibney, K. D., & Kwakye, L. D. (2015, Oct). *Toward a Naturalistic Model of Multisensory Integration*. Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.
- Bailey, H. D. (2015, April). *Multisensory Integration in Immersive Virtual Environments*. Talk presented in P. Dimova & L. Kwakye (chairs), Perspectives on Synesthesia from Neuroscience, inaugural Synesthesia Symposium, Oberlin, OH.

AWARDS & SCHOLARSHIPS

- **2016** University of Chicago Social Sciences Division || *Full Tuition Scholarship*
- **2015** Oberlin College Neuroscience Dept. || *Department Student Travel Award*
- **2014** Annual Biomedical Research Conference for Minority Students || *ABRCMS Full Travel Award*
- **2013-2015** Oberlin College || *Class of 1928 Scholarship*
- **2013** Oberlin College || *Class of 1961 Endowed Scholarship Fund*

RESEARCH EXPERIENCE

University of Chicago, Anthropology Dept. Chicago, IL

Graduate Student Researcher || Sept 2016– Aug 2017

- Conducted independent ethnographic research on app design in the emerging field of “digital psychiatry”
- Used a variety of qualitative research methods, particularly participant observation & semi-structured interviews, to understand patient and physician experiences with a psychiatric-monitoring smartphone app
- Facilitated work across an interdisciplinary group of scientists and researchers to develop a complex narrative of how psychiatrists understand digital technology in relation to data ecosystems, surveillance, patient care & capital investment

Oberlin College, Neuroscience Dept. Oberlin, OH

Research Assistant || Sept 2013 – July 2015

- Designed & supervised development of ‘virtual reality’ Oculus Rift application for Oberlin College’s Multisensory Neuroscience Lab
- Standardized & updated lab data management practices by building streamlined analysis programs to integrate data across multiple behavioral & neurophysiological studies
- Acting lab manager for recruitment, scheduling, correspondence & study moderation with research participants

Oberlin College, Anthropology Dept. Oberlin, OH

Research Assistant || Feb 2015 – June 2015

- Conducted background & supplementary research for professor’s book-length [ethnography](#) on environmentalism in war
- Produced literature reviews on environmental economics, systems ecology & journalism involving NGO & military activity

OTHER WORK EXPERIENCE

Self-Employed Chicago, IL

Tutor || Feb 2016– present

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

Conifer Research Chicago, IL

Logger || Aug – Sept 2017

- Temp position transcribing & coding interviews for ethnographic & design research firm

CoNECt, University of Illinois at Chicago Chicago, IL

VR Technology Consultant || July – Oct 2016

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

Oberlin College, Philosophy Dept. Oberlin, OH

Grading Assistant & Peer Tutor || Sept 2013 – Dec 2014

- Graded assignments & tutored students in undergraduate philosophy [course](#) on symbolic logic