hudsondiggsbailey@gmail.com || hudsonbailey.org || Chicago, IL 60609 || 610 755 5471

EDUCATION

University of Chicago   Chicago, IL

M.A. || *Social Sciences* || 2017
Thesis: *Interfaced Affects: Computing, Mediation & Care in Neuropsychiatric Monitoring* || Advisor: Joseph Masco

Oberlin College   Oberlin, OH

B.A. || *Neuroscience* || 2015
Capstone: *Revisiting Narratives of Complete Penetrance in "Isolated Village Deafness"* || Advisor: Leslie Kwakye

RESEARCH EXPERIENCE

University of Chicago, Anthro. Dept.   Chicago, IL

Graduate Student Researcher || *Sept 2016 – Aug 2017*
- Conducted independent ethnographic research on app design in the emerging field of "digital mental health"
- Used research methods from ethnography & laboratory studies (e.g., participant observation & semi-structured interviews) to study psychiatrists' & computers scientists' development of a psychiatric-monitoring smartphone app
- Worked across multiple disciplines to construct a complex narrative of how privacy & ethics concerns related to mental health get entangled in technology development, capital ventures, & new collaborative relationships between psychiatrists & software developers

Oberlin Multisensory Neuroscience Lab   Oberlin, OH

Research Assistant || *Sept 2013 – July 2015*
- Designed & supervised development of 'virtual reality' application for studying how sensory systems interact
- Updated lab data management practices by building streamlined analysis programs to integrate data across multiple concurrent studies
- Acting lab manager for recruitment, scheduling, correspondence & study moderation with research participants

Oberlin College, Anthro. Dept.   Oberlin, OH

Research Assistant || *Feb – June 2015*
- Conducted background research for professor's book on environmentalism & war in the Middle East
- Synthesized work across environmental economics, systems ecology & journalism about military activities & translated findings to language of cultural anthropology

Oberlin Cognitive Neuroscience Lab   Oberlin, OH

Volunteer Research Assistant || *July – Aug 2013*
- Assisted in various programming tasks for computer-based decision-making studies

TEACHING EXPERIENCE

Self-Employed   Chicago, IL

Tutor || *Feb 2016 – Apr 2018*
- One-on-one tutoring for undergraduate, professional & returning students in essay writing, symbolic logic, & graduate test prep (GRE)

Robot City Workshop   Chicago, IL

Instructor || *Mar – June 2016*
- Taught electronics, physics & 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 & 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 & ghostwriting 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 & 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 & research projects related to technology, surveillance, sound

The Powerplant   Oberlin, OH

Event Manager || *Aug 2014 – Feb 2015*
- Managed & facilitated concerts at music venue featuring local artists & bands
- Promotions for concerts & events

WOBC 91.5 FM   Oberlin, OH

Disc Jockey || *Jan 2013 – Dec 2014*
- Hosted & planned weekly community radio shows covering a range of musical genres including post-punk, jazz & improvised music, noise-rock, samba

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* (2015), inaugural Synesthesia Symposium, 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.

MISC. COURSES

- **2018** *CopyrightX* || HarvardX online course || Prof. Terry 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 Endowed Scholarship Fund* || Oberlin College

SOFTWARE & TECHNICAL PROFICIENCIES

- **Writing & Organization**: Google Apps, Zotero, MS Office, Excel, Git
- **Visualization & Production**: Illustrator, Photoshop/GIMP, Maya, LaTeX, video editing & post-production tools
- **Programming Languages**: Python, Java, Bash

LANGUAGES

- English (native)
- Spanish (intermediate)