

YI-SHIN SHEU

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Summary of Qualifications

- Accomplished UX behavioral scientist with 12+ years of experience in managing teams of professionals on human research projects, resulting in 15 scientific publications and over 5 million dollars in total grant funds.
- Deep knowledge of how to scope business needs into research problems, design appropriate plans, and identify valid and reliable methodologies to answer research questions.
- Effective communicator with an ability to present data in a digestible and compelling manner to a diverse audience of different backgrounds, as demonstrated by 15+ conference presentations and talks, publication of 2 book chapters, one-on-one mentorship of undergraduate students in scientific research methods, and classroom teaching.

Education

Ph.D. in Psychological and Brain Sciences, Johns Hopkins University. Baltimore, MD.	2015
B.S. in Psychology, National Taiwan University. Taipei, Taiwan.	2006

Experience

Postdoctoral Researcher

Oct 2015 - present

Cognitive Neuroscience, Neurology Dept, Johns Hopkins School of Medicine. Baltimore, MD.

- Developed and executed over 10 human research projects, directly involved in all aspects of the research lifecycle (formulating questions, study design, recruitment, analysis, and reporting).
- Worked closely with team's engineer on several product designs including a \$30,000 MRI-compatible brain stimulation device by providing parameters and human factor insights.
- Programmed task interface and performed data processing, analyzing, and visualizing in MATLAB, Python, and SPSS.

Graduate Researcher.

Sep 2009 - Sep 2015

Psychological and Brain Sciences, Johns Hopkins University. Baltimore, MD.

- Mentored and managed teams of 3-5 junior researchers on an annual basis.
- Implemented the best approach from a mix of qualitative and quantitative methodologies to address each of the research questions.
- Taught graduate course on Statistics and 5 undergraduate courses including Research Methods.

Research Specialist.

Jun 2006 - Apr 2009

Developmental and Biopsychiatry Research Program, McLean Hospital. Belmont, MA.

- Managed an imaging database of 250+ human participants and wrote BASH and MATLAB scripts to streamline data processing and analysis, resulting in enhanced laboratory productivity.
- Regularly presented project status, findings, and insights to stakeholders.