Adam K. Pettitt, MS
Eugene, OR

✉ adampettitt89@gmail.com 🔗 linkedin.com/in/pettitta 🔗 github.com/pettitta 📱 503.970.9286

EXPERIENCE

Study Design Consultant, Western Oregon University Writing Center   August 2019-Present
- Create psychometric instruments designed to measure multiple dimensions of tutor self-efficacy
- Designed study to understand how training contributed to changes in new tutors' feelings of self-efficacy
- Honed the research team's understanding of the research question in order to determine which data and study design would be best fit their study aims and future analyses
- Communicated complex statistical and research methodologies to non-technical group

Graduate Researcher, University of Oregon, Center for Digital Mental Health   2015-Present
- Work with software engineers developing app for detecting mental health risk states through mobile phone sensors
- Collaborate with developers for strategies aimed at increasing participant adherence to surveys
- Conduct analyses using mobile text features (e.g., sentiment, first person pronoun use, word count) in order to predict deviations from mood states in at-risk subjects, as seen on my project page
- Work with AWS to create automated pipeline for processing raw mobile phone sensor data into easily accessible features for analyses
- Create preprocessing pipeline (Python & Bash) for structural and functional MRI data
- Conduct behavioral research with human subjects that guided the direction of lab research goals, including the collection of passive phone sensor data, quantitative surveys, behavioral metrics, fMRI, and biological samples (e.g., hormones, genes).
- Summarized findings for publication and presentation at six academic conferences

Instructor, University of Oregon   2015-Present
- Developed course materials and taught undergraduate level courses on research methods, experimental design, and scientific writing

EDUCATION

PhD, Clinical Psychology, **University of Oregon**	Eugene, OR	2022 (expected)
MS, Clinical Psychology, **University of Oregon**	Eugene, OR	2018
BS, Biology & Psychology, **Western Oregon University**	Monmouth, OR	2015

SKILLS

LANGUAGES: R, Python, Bash, R packages: tidyverse, data.table, ggplot, lavaan, lme4, caret, tidytext

ANALYTICS: Data Wrangling, Predictive Modeling, Time Series Analysis, Linear Regression, Linear Mixed-Effects Modelling, Non-Linear Modeling (e.g., Hierarchical General Additive Models), Longitudinal Analysis, Structural Equation Modeling, *t*-tests, ANOVA, Exploratory Data Analysis (generating summary statistics, visualization), Machine Learning (Logistic Regression, SVM)

SELECTED HONORS AND AWARDS

Millennium Scholar's Diversity Program Scholarship	2017
Writing Center Tutor of the Year	2015
Phi Kappa Phi Academic Excellence in Biology Award	2014
Kenneth M. Walker Research Scholarship	2011