

Alexis K. Huynh, Ph.D.

Mixed-Methods Researcher

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Research Design & Strategy | Advanced Statistical Methods & Analysis | Qualitative Interview & Analysis

I am a mixed-methods researcher with 12 years of applied research experience. Using a “full stack” of quantitative and qualitative methodologies, I am equally adept at advanced statistical modeling and at conducting qualitative interviews & analysis, while ensuring that the research is aligned with the project aims, timeline, and constraints. My experience working in embedded cross-functional teams informs my partnered approach to problem-solving, driving impact, and creating value in complex problem spaces.

SKILL AND TOOLS

Research strategy & design | Advanced statistical modeling | Regression analyses | ANOVA | T-tests | Data visualization | Large datasets | Survey design & analysis | Qualitative interview & analysis | Focus groups | User persona | 1:1 interviewing (remote/in-person) | Real-world data & evidence (RWD/RWE) analytics | A/B testing | Focus groups | Journey maps | SQL (MySQL, MSSQL) | R (tidyverse, dplyr, stats, lme4, ggplot2, healthyr) | Python (pandas, numpy, matplotlib) | PowerBI | Tableau | STATA

WORK EXPERIENCE

Research Health Scientist Veterans Health Affairs at Greater Los Angeles

July 2012 - Present

As the top methodological expert, I lead, execute, and advise on primary research, study designs, and strategies for projects, protocols, and reports in an R&D Center with 350+ affiliated staff and ~\$24 million in annual funding.

- Evaluate & contribute ~5 research proposals annually, resulting in a \$0.75 million yearly funding increase.
- Devise & execute statistical analysis plans, including testing statistical models including regressions, t-tests, and ANOVA to identify patterns and trends.
- Extract, transform, and load (ETL) data from multiple sources, including data warehouses, and surveys.
- Design, field & analyze surveys of user sentiment and preferences, accounting for response effects and ensuring measure validation and KPI metrics.
- Use insight evangelism & creative stakeholder engagement to obtain buy-in from policymakers.
- Develop guides, and conduct in-depth qualitative interviews and analysis.
- Maintains large & complex datasets with codes and documentation to ensure data integrity, quality & validity.
- Translate research into insights and strategic narratives for implementation.
- Author statistical protocols and analysis plans, reports, & visualizations.

Research Analyst - Los Angeles, CA Division of HIV and STDs Programs (DHSP), LACDPH

Jan 2011 - Jul 2012

- Developed robust decision models of HIV programmatic trade-offs that determined agency cost allocation for the next 5 to 7 years.
- Performed research to increase engagement of HIV-positive in care and treatment as a strategy for reducing HIV spread in Los Angeles County.
- Analyzed the preferences of individuals at high risk for HIV for post-exposure prophylaxis (PEP) to determine its feasibility as an HIV-prevention strategy.
- Worked in cross-functional teams with physicians, social scientists, community partners, researchers & staff.

Assistant Policy Analyst Pardee RAND Graduate School

Aug 2006 - May 2011

- Methodological expertise: econometrics & quantitative analyses, social network, and qualitative analysis.
- Project work: economic and social impact of anti-retroviral therapy (ART) on HIV-positive individuals.

EDUCATION

PhD	RAND Graduate School	Policy Analysis	Aug 2006 - May 2011
MPH	Yale University	Healthcare Policy & Administration	Aug 2004 - May 2006
BS	Boston University	Human Physiology	Aug 1997 - May 2001

PORTFOLIO

- A propensity-score matched analysis: Impact of referral to intensive case management on costs & utilization.
- Life-Sustaining Treatment Decision: A qualitative analysis of barriers to goals of care conversations in primary care.
- Advanced statistical modeling: A national comparison of genetic consultation referral models on access and equity.
- Cardiovascular risks in women: Identify & track referrals and attendance to health programs for high-risk women.