Trent M. Kajikawa

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EDUCATION

Harvard Graduate School of Education   May 2017
Ed.M., Higher Education

University of California, Los Angeles   June 2016
B.A., Economics, Minor in Education Studies, *cum laude*
Ph.D.-level classes in postsecondary finance and racial inequality

East Los Angeles City College   2012
Concurrent High School Enrollment

University of Southern California   Deferred Admission, 2019
M.S., Applied Data Science

RESEARCH EXPERIENCE

Office of Institutional Research, University of Southern California   Feb. 2019 - Present
Senior Technical Project Leader

- Perform education policy and program evaluation studies
  - Spearhead multiple regression discontinuity design (RDD) studies on the effects of academic probation for undergraduates
  - Build an undergraduate enrollment prediction model for the Provost's office and central administration
  - Initiate grade inflation studies using Item Response Theory Graded Response Models
  - Perform studies comparing undergraduate student success by transfer and first-year admission status
  - Conduct social network analysis to model student interaction for Fall 2020 COVID-19 planning
  - Run logistic regression models predicting the probability of undergraduate admission
  - Combine Census API data, Opportunity Insights data, and Admissions data for internal analysis
- Provide project management and consulting services in data analysis, reporting, and data visualization
  - Manage data and reporting for student-related Integrated Postsecondary Education Data System (IPEDS) submissions: Completions, Enrollment, Outcome Measures, Graduation Rates
  - Collect and aggregate data for the American Talent Initiative (ATI)
  - Analyze trends in major migration and graduation rates for Western Association of Schools and Colleges (WASC)
  - Deploy an Apache Airflow instance to optimize data processing and database management
  - Manage the development, testing, and production of Daily Enrollment reports for the University President, Provost, Deans, and Directors

Consortium on Financing Higher Education, MIT   Sept. 2016 - Feb. 2019
Research and Data Systems Analyst; Intern

- Developed and maintained research projects, primarily on undergraduates, admissions, financial aid, faculty demographics, surveys, and IPEDS data
  - Produced descriptive and inferential analyses, synthesize findings in numeric, graphical and written reports

- Presented research briefs to university CFOs, provosts, deans, and institutional research directors
- Warehoused, audited, and distributed data to an array of secure delivery platforms for authorized campus groups
  - Designed, implemented, and automated processes for transferring data from Oracle database to Microsoft SQL Server and Tableau Server

PEER-REVIEWED PUBLICATIONS

Subhash, Ajith., Maldonado, David R., **Kajikawa, Trent M.**, Chen, Sarah L., Stavrakis, Alexandra., Photopoulos, Christos. (forthcoming) "Decline in Online Search Queries for Anterior Cruciate Ligament, Meniscus and Rotator Cuff Surgeries Following Coronavirus Disease 2019 Outbreak." *Arthroscopy: The Journal of Arthroscopic & Related Surgery.*

WORKING PAPERS

"Improving the Design and Use of Self-Reported Learning Gains in Higher Education" with Tara P. Nicola. Prepared for the Consortium on Financing Higher Education, awaiting approval for publication-use; final project for Professor Andrew Ho.

"The Digital Footprint of Orthopaedic Surgeons" with Ajith Subhash, Alexandra Stavrakis, and Troy Sekimura. Submitted to American Academy of Orthopaedic Surgeons Conference.

PROFESSIONAL EXPERIENCE AND SERVICE

Minds Matter, *Boston Mentor; Los Angeles Team Lead, Mentor*	2017-Present
UCLA Undergraduate Students Association Council, *Academic Affairs*	2012-2016
UCLA Academic Senate, *Executive Board*	2016
UCLA Undergraduate Admission Office, *Ambassador; Coordinator*	2013-2016
UCLA Academic Senate, *Faculty Executive Committee*	2015
Hyundai Capital, *Global Intern/Analyst I*	2015

AWARDS AND HONORS

National Center for Education Statistics Data Institute, *Participant* Using Federal Datasets to Support Research on Postsecondary Education	2020
MIT Sloan School of Management EdTech Datathon, *Most Novel Insights*	2017
UCLA, *Chancellor's Service Award*	2016
Institute for Recruitment of Teachers, *Associate Program*	2016

TRAINING & SKILLS

Coursework
Applied Data Analysis, Program Evaluation, Complex and Weighted Survey Design Analysis, Statistical and Psychometric Methods, Higher Education Finance, Higher Education: Race and Ethnicity

Software
STATA (advanced), Python (advanced), R (advanced), SPSS(advanced), SQL (advanced), Bash, Git, JavaScript, HTML/CSS, Qualtrics, LaTeX