

# Trent M. Kajikawa

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## EDUCATION

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**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 critical race theory

**East Los Angeles City College** 2012  
Concurrent High School Enrollment

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

## RESEARCH EXPERIENCE

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**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
- Responded to ad hoc requests made by members of the Consortium and campus leaders
- Ability to manage confidential data collections and analysis

## PAPERS AND PROJECTS

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### *Projects in Progress*

“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; final project for Professor Andrew Ho; awaiting approval for publication-use.

“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

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

## AWARDS AND HONORS

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

## TRAINING & SKILLS

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### **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, L<sup>A</sup>T<sub>E</sub>X