

Swad Komanduri
skomandu@prgs.edu

EDUCATION

PhD. Policy Analysis

Pardee RAND Graduate School

Expected Jun 2025
Santa Monica, CA

BS Engineering & Applied Sciences; Business Economics & Management
California Institute of Technology (Caltech)

Jun 2013
Pasadena, CA

WORK EXPERIENCE

Acumen LLC

Policy Lead

Feb 2017-Present
Burlingame, CA

- Manage team of 7 statistical programmers (3 direct reports; 4 indirect reports)
- Developed multi-stage modeling and simulation methodologies to measure and track COVID-19 outcomes, including identifying vulnerable populations, measuring changes in hospitalization risk, and assessing the impact of various state mitigation policies on infection and mortality risk
- Defined and implemented specifications to measure post-discharge potentially preventable hospitalizations, discharges to community, and potentially preventable readmissions using variety of Medicare data sources to assess provider quality in post-acute care settings
- Led coordination and integration of new data pipeline consisting of over 120 relational files of healthcare provider information for use across federal research programs and internal projects
- Set statistical performance benchmarks for healthcare providers across measures, care settings, and payment incentive structures
- Conceptualized statistical approach and informative visuals to enable systematic automated monitoring and evaluation of provider performance across 60+ quality measures spanning multiple federal programs
- *Health policy expertise*: Merit-based Incentive Payment System (MIPS), Quality Payment Program (QPP), Alternative Payment Models, Hospital Value-based Purchasing (VBP), Hospital Inpatient/Outpatient Quality Reporting Program (QRP), Ambulatory Surgical Center QRP, Skilled Nursing Facility VBP, Inpatient Psychiatric Facility QRP, PPS-Exempt Cancer Hospital QRP, Hospital Readmissions Reduction Program (RP), Hospital Acquired Condition RP

NextEnergy Center

Manager, Market Analysis

Aug 2014-Apr 2016
Detroit, MI

- Developed policy recommendations to strengthen domestic power electronics ecosystem and grow US competitiveness in advanced manufacturing industries
- Led over 50 interviews with industry professionals across supply and value chain for power electronics, including senior corporate executives, government officials, and small business owners

DISTINCTIONS AND AWARDS

Venture for America Fellow, 2014

TECHNICAL SKILLS

Experience in quantitative and qualitative research methods; strong analytical skills

SAS; SQL; R; Python; MATLAB; Java

Languages: English (native); Telugu (native); Hindi (intermediate); French (basic)