

Alice Tivarovsky

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EDUCATION

COLUMBIA UNIVERSITY | MAY 2020 | MASTER OF PUBLIC HEALTH, EPIDEMIOLOGY & APPLIED BIOSTATISTICS

- Lead Teaching Assistant, Quantitative Research Methods and Applications (Fall 2019)
- Lead Teaching Assistant, Categorical Data Analysis (Spring 2020)
- Coursework: Advanced Epidemiology and Statistical Inference, Applied Regression Modeling using SAS, Categorical Data Analysis, Data Science in R, Machine Learning for Epidemiology, Latent Variable and Structural Equation Modeling, Survival Analysis

UNIVERSITY OF CALIFORNIA: LOS ANGELES | JUN 2009 | BACHELOR OF SCIENCE CHEMICAL ENGINEERING

PROFESSIONAL

EPIDEMIOLOGIST | LOS ANGELES COUNTY DEPT OF PUBLIC HEALTH (CONTRACT) | MAR 2021 – PRESENT

- Clean, analyze, and manage all data received by the Education Sector on a daily basis (n = 500k)
- Write, validate, and optimize data management and analysis programs using R, SQL, and SAS
- Produce and maintain all unit data products, including public-facing [TK-12 School Covid-19 Data Dashboard](#) and internal Covid-19 report, containing summaries and in-depth analyses of all case data reported to Education Sector, for use by Public Health leadership
- Serve as supervisor for Epi Analyst

DATA ANALYST | LOS ANGELES COUNTY DEPT OF PUBLIC HEALTH (CONTRACT) | SEP 2020 – MAR 2021

- Built Covid-19 dashboards and reports using SAS and R; optimized programs and performed troubleshooting
- Investigated and supported containment of Covid-19 outbreaks in universities

GRADUATE INTERN | NEW YORK CITY DEPARTMENT OF HEALTH & MENTAL HYGIENE | JUN 2019 – SEP 2019

- Investigated associations between mental illness and socioeconomic/demographic risk factors using SAS; dataset: 2018 New York City Community Health Survey (n = 10,000)
- Created GIS heat map of depression prevalence across the five boroughs of New York City
- [Presented](#) key findings to internal unit and broader bureau audience

SENIOR SUPPLY CHAIN LEAD | JOHNSON & JOHNSON | JAN 2016 – MAY 2018

- Resolved supply chain disruptions with 46 chemical suppliers across Johnson & Johnson North America
- Supported new product launches by building relationships with new suppliers and managing launch activities

MANUFACTURING ENGINEER | JOHNSON & JOHNSON | AUG 2012 – DEC 2015

- Saved \$164k annually by minimizing bulk waste, earning Six Sigma Green-Belt certification
- Wrote FDA-ready technical reports and supported FDA audits leading to site “Best in Class” ranking
- Designed user-friendly metrics and tracking and reporting tools for use by department management

CHEMICAL ENGINEER I | JOHNSON & JOHNSON | OCT 2009 – AUG 2012

- Achieved 40% reduction in cycle times by re-designing multi-phase processes for single-phase production

VOLUNTEER/ LEADERSHIP

JOHNSON & JOHNSON GLOBAL HEALTH CHAMPION | AUG 2015 – MAY 2018

- Developed employee health initiatives, including nutrition programs, fitness room, and ergonomics program

FOOD FORWARD GLEAN TEAM LEADER | JUN 2017 – JUL 2018

- Led teams of 3-4 volunteers to collect unsold produce at farmer’s markets and distribute to families in need

SKILLS/ CERTIFICATIONS

- Software & Coding: R, SAS, SQL, Microsoft Office Suite, Minitab; Introductory Tableau, GIS
- Languages: Fluent in Russian, Intermediate Spanish, Intermediate French
- Certifications: CITI Human Subjects Protection and HIPAA Patient Privacy, Six Sigma Green Belt Certified by Johnson & Johnson Process Excellence, Engineer-In-Training (EIT), Mental Health First Aid