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

LOS ANGELES COUNTY DEPT OF PUBLIC HEALTH (CONTRACT) | EPIDEMIOLOGIST| MAR 2021 – PRESENT
· Build and maintain unit dashboards, including public-facing TK-12 School Covid-19 Data Dashboard using R
· Publish weekly Covid-19 report for unit, containing summaries and in-depth analyses of all case data reported to Education Sector, for use within unit and by Public Health leadership
· Produce, validate and optimize data management and analysis programs using advanced SAS, SQL, and R
· Serve as supervisor for Epi Analyst

LOS ANGELES COUNTY DEPT OF PUBLIC HEALTH (CONTRACT) | DATA MONITOR | SEP 2020 – MAR 2021
· Built Covid-19 dashboards and reports using SAS and R; optimized programs and performing troubleshooting
· Created Epidemic Curves related to site outbreaks using SAS

NEW YORK CITY DEPARTMENT OF HEALTH & MENTAL HYGIENE | GRADUATE INTERN | 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 = 10,076)
· 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

JOHNSON & JOHNSON | SENIOR SUPPLY CHAIN LEAD | 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

JOHNSON & JOHNSON | MANUFACTURING ENGINEER | 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

JOHNSON & JOHNSON | CHEMICAL ENGINEER I | 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
· Partnered with Global Health Services team to launch initiatives that benefit employee health, including nutrition programs, fitness rooms, group classes and ergonomic stretches for operators

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: Proficient in R, SAS, Microsoft Office Suite, Minitab; Introductory Tableau, SQL, 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