Field of Study: Quantitative Methods

Practice Organization	Type of Organization	Domestic or International	Location	Project Title
Beth Israel Deaconess Medical	Hospital	Domestic (U.S.A.)	Across the US	The effect of renal dysfunction on in-hospital
Center				mortality among patients with stroke
Boston Children's Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	Association between alcohol use and web search
				activity data in the United States
Boston Children's Hospital and	Academic or Research	Domestic (U.S.A.)	Boston, MA	Evaluating Pediatric Occult Scaphoid Fractures
Harvard Medical School	Institution			
Boston Medical Center Division of	Hospital	Domestic (U.S.A.)	Boston, MA	Clinical characteristics, management, and survival of
Cardiac Surgery, Boston University				primary cardiac sarcoma: a population-based study
Brigham and Women's Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	Nearly ten percent of patients admitted for cellulitis
				in the United States in 2014 were readmitted within
				thirty days
Brigham and Women's Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	The Effect of Phenotypic and Genomic Changes in
				Primary IDH-negative Glioblastoma on Progression
				Free Survival
Brigham and Women's Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	Rate of medical errors involving an exposure to
				aspirin or an NSAID in the setting of known Aspirin
				Exacerbated Respiratory Disease (AERD)
Brigham and Women's Hospital	Academic or Research	Domestic (U.S.A.)	Boston, MA	Performance of a Thoracotomy and Cervical
	Institution			Anastomosis Strongly Predicts Pneumonia after
				Esophagectomy
Brigham and Women's Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	Gender differences in Aspirin-Exacerbated
				Respiratory Disease: changes in urinary eicosanoids
				during aspirin desensitization
Brigham and Women's Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	Evaluation of the risk of opioid overdose in patients
Division of Pharmacoepidemiology				undergo major surgeries using gabapentinoid
and Pharmacoeconomics				combined with opioids.
Brigham and Women's Hospital	Academic or Research	Domestic (U.S.A.)	Boston, MA	Co-prescription of opioids and sedative agents: a
Division of Pharmacoepidemiology	Institution			nested case-control study
and Pharmacoeconomics				
Brigham and Women's Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	The Impact of Hospital Size on National Trends and
Division of Cardiac Surgery				Outcomes in Proximal Aortic Surgery – An Analysis
				of 53,657 Surgeries



Field of Study: Quantitative Methods

Practice Organization	Type of Organization	Domestic or International	Location	Project Title
Brown University Warren Alpert Medical School Department of Dermatology	Academic or Research Institution	Domestic (U.S.A.)	Providence, RI	Racial Characteristics of Alopecia Areata in the US from the National Alopecia Areata Registry
Community Catalyst	Community-Based Organization	Domestic (U.S.A.)	Boston, MA	Civic Engagement and Health Outcomes - an Exploration
Dana-Farber Cancer Institute	Academic or Research Institution	Domestic (U.S.A.)	Boston, MA	Understanding Coping Strategies Used By Young Women With Breast Cancer
Dana-Farber Cancer Institute	Academic or Research Institution	Domestic (U.S.A.)	Boston, MA	A prospective study of gait speed as a predictor of clinical outcomes in patients 75 and older with hematologic malignancies
Harvard T.H. Chan School of Public Health	Academic or Research Institution	International (Outside U.S.A.)	Johor, Malaysia	Improving efficiency in Malaysia's public primary care clinics: A Time and Motion Study
Harvard T.H. Chan School of Public Health	Academic or Research Institution	Domestic (U.S.A.)	Boston, MA	Proton pump inhibitor use in infancy and the risk of bone fracture
Harvard T.H. Chan School of Public Health	Academic or Research Institution	Domestic (U.S.A.)	Boston, MA	Association between parabens and adiposity among the U.S. population
Harvard T.H. Chan School of Public Health	Academic or Research Institution	International (Outside U.S.A.)	Canada	Investigating the association between neighborhood marginalization and alcohol availability in Ontario following alcohol sales deregulation
Harvard T.H. Chan School of Public Health	Academic or Research Institution	Domestic (U.S.A.)	Boston, MA	Association of markers of inflammation, immune activation and phosphate metabolism with bone mineral density in perinatally HIV infected children/youth in AMP
Harvard T.H. Chan School of Public Health	Academic or Research Institution	Domestic (U.S.A.)	Boston, MA	HEALTH IMPACT OF ELECTRICITY GENERATION IN MEXICO: AN INTAKE FRACTION - BASED ASSESSMENT
Massachusetts Department of Public Health Office of Data Management and Outcomes Assessment	City Government or Agency	Domestic (U.S.A.)	Boston, MA	Visualizing the social determinants of health inequity: A precision public health approach



Field of Study: Quantitative Methods

Practice Organization	Type of Organization	Domestic or International	Location	Project Title
Massachusetts General Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	MRI texture analysis as a predictor of tumor recurrence or progression in patients with clinically non-functioning pituitary adenomas
Massachusetts General Hospital	Academic or Research Institution	Domestic (U.S.A.)	Boston, MA	Selection criteria for liver transplantation of patients with hepatocellular carcinoma: comparison of two expanded criteria to Gold standard Milan criteria.
Massachusetts General Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	Multi-Site Application of a Computerized Guideline for Inpatients Reporting Penicillin Allergy: A Retrospective Analysis.
Massachusetts General Hospital	Academic or Research Institution	International (Outside U.S.A.)	Boston, MA and Eldoret, Kenya	Survival following a diagnosis of Kaposi's Sarcoma in a HIV+ Kenyan cohort
Massachusetts General hospital	Hospital	Domestic (U.S.A.)	Boston, MA	Risk factors for in-hospital mortality for patients with Atrial Fibrillation on warfarin presenting with Subdural Hemorrhages
MIT	Academic or Research Institution	Domestic (U.S.A.)	Performed in Boston, collaborated with Paris, France	Predictive Modeling of Lactate-Phenotype Discordance
MIT	Academic or Research Institution	Domestic (U.S.A.)	Boston, MA	Improved survival of cancer patients admitted to the ICU between 2002 and 2011 at a U.S. teaching hospital
MIT and Beth Israel Deaconess Medical Center	Hospital	Domestic (U.S.A.)	Boston, MA	Social determinants of health and length of stay at the ICU: a secondary data analysis of the MIMICCIII database
Spaulding Rehabilitation Hospital	Hospital	Domestic (U.S.A.)	Boston, MA	The Effectiveness of Platelet-rich Plasma Injection in Treating Tendinopathy and Osteoarthritis
Taichung Veterans General Hospital	Hospital	International (Outside U.S.A.)	Taichung, Taiwan	Using Deep Neural Network to Differentiate Brain Activity Between Patients With Recent-Onset Schizophrenia and Healthy Individuals



Field of Study: Quantitative Methods

Practice Organization	Type of Organization	Domestic or International	Location	Project Title
Universidade Federal da Bahia	Academic or Research Institution	International (Outside U.S.A.)	Salvador, Bahia, Brazil	S+ KETAMINE AS COMPARED TO RACEMIC KETAMINE FOR REFRACTORY DEPRESSION: INTERIM RESULTS OF A RANDOMIZED NON-INFERIORITY TRIAL
University of Ibadan (Nigeria) College of Medicine	Nonprofit	Domestic (U.S.A.)	Boston, MA	The Fidelity of Implementation of Recommended Care for Children with Febrile Illness by Community Health Workers in Nigeria

