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| **Shuang**（**Vika**） **Chen** | | |
| Email: shuangchen1993@hotmail.com  Phone: +86-150-1034-6042  <https://vikachen.github.io/> | | |
| My research interests span a wide spectrum of topics in Health Economics, with a specific emphasis on Pharmaceutical Economics and Policy, Drug Pricing and Comparative Effectiveness. | | |
| EDUCATION | | |
| **Geisel School of Medicine at Dartmouth College**, Hanover, NH | Jul. 2016—Jun. 2017 | |
| ***Master of Public Health, Health Policy & Clinical Practice*** |  | |
| * **Coursework:** Biostatistics, Epidemiology, Inferential Method & Systematic Review, Strategic & Financial Management, Decision making & Cost-effectiveness Analysis, Medical Care & Corporation (Tuck Business School) * **Capstone:** The Need for Expedited Approval: Policy Recommendation for Oncology and Orphan Drugs in China | | |
| **Fox School of Business at Temple University,** Philadelphia, PA | Jan. 2014—Dec. 2014 | |
| ***Exchange Program, International Business Administration(IBA)*** |  | |
| * **Coursework:** International Monetary Economics, Probability & Statistics, International Business, International Marketing, Introduction to Health Services Systems, Human Biology | | |
| **China Pharmaceutical University,** Nanjing, China | Sep. 2012—Jun. 2016 | |
| ***Bachelor of Science, International Economics and Pharmaceutical Science*** | | |
| * **Coursework:** Linear Algebra, Analytical Chemistry & Pharmaceutical Analysis, Pharmacology, Statistics, Macro-Economics, Micro-Economics, Managerial Accounting, GMP | | |
| RESEARCH PROJECTS | | |
| * **The Need for Expedited Approval: Policy Recommendation for Oncology and Orphan Drugs in China** * Conducted policy systematic review to analyze how expedited approvals apply on oncology and orphan drugs in the U.S. * Assessed included studies quality and synthesized the findings * Proposed recommendations that include developing a dialogue mechanism between sponsors and CFDA * Wrote the capstone paper and presented the final work * **Cost Effectiveness of Childhood Nutritional Interventions in Developing Countries: A Systematic Review** * Identified 3387 studies by searching the Cochrane, MEDLINE, EMBASE, Google Scholar, Web of Science, and Clinical trials.gov. * Evaluated eligibility of studies and extracted information from qualified studies * Assessed the methodological quality by using Evers 2005 checklist and designing a visual table * **Pharmacological Interventions for Alcohol Abuse** * Created a Markov model to determine which pharmacological intervention for alcohol abuse was most effective * Compared the effectiveness of Topiramate, Acamprosate, Disulfiram, Naltrexone and no treatment at increasing the number of non-drinking days * Reviewed the literature to obtain probability data for analyze * **Evaluation of the Use of Long Acting Opioids for Post-Operative Pain Control in Orthopaedic Surgery** * Pointed out the appropriate usage of Long Acting Opioids(LAOs) on post arthroplasty patients based on equivocal nature of the evidence for their use and strong evidence for risk * Reviewed the medical literature with a focus on mechanism and adverse effects * Collaborated with physicians to learn how LAOs and SAOs were applied in actual clinical settings | | |
| EMPLOYMENT EXPERIENCE | | |  |
| **QuintilesIMS**, Shanghai, China | Aug. 2017—Current | |
| ***PTA, Management Consulting*** |  | |
| * Supported a project to launch a drug (a PCSK9 inhibitor) in China market; conducted primary and secondary research to anticipate the potential market share; participated in expert and patient interviews and composed transcripts; collaborated with team members to synthesize data and findings * Built a model and facilitated quantitative analysis of in-depth survey with physicians; performed a pre-test of physician survey in key Shanghai hospitals to modify questionnaires before nationwide distribution | | |  |
| **Dartmouth-Hitchcock Medical Center**,Lebanon, NH | Mar. 2017—May. 2017 | |
| ***MPH Intern, Health Insurance Analysis*** |  | |
| * Analyzed employee insurance and wellness data including expense, claims, health risk, engagement, etc.; created a dashboard illustrating the trending and correlation of the data and recommended actions * Wrote a report examining the program for employee wellness and safety, and identifying gaps in services where they could build out the Total Worker Health programming. | | |  |
| **Pfizer Inc.**,Shanghai, China | Mar. 2016—Jul. 2016 | |
| ***Intern, Business Strategy & Operation*** |  | |
| * Supported Pfizer Innovation Health 2017 operation plan, delivering business plan and forecasting strategy and budget to global office; worked with cross-function teams to perform industry, competition and growth analyses for 14 products in five areas, including Prevenar13, a vaccine launched in China in early 2017 * Built a forecast model of Inlyta sales to evaluate the performance of sales representatives * Designed and composed 2016 Pfizer Oncology Great China Q1 Scorecard/Newsletter, helping 400+ employees to have a better understanding of other department work | | |  |
| **Sinopharm Weiqida Pharmaceutical Co.,** Datong, China | Jul. 2015—Aug. 2015 | |
| **Summer Intern, Quality Control (QC)** |  | |
| * Learned the process of fermentation and extraction of Clavulanate acid and Clavulanate potassium production * Tested samples from all phases of manufacturing to determine if the substance meets the standards and honed lab skills with chemical testing equipments and testing processes | | |  |
| **Gauze**,Philadelphia, PA (a health-tech start-up focus on global hospitals database) | Sep. 2014—Dec. 2014 | |
| ***Intern, Marketing Research*** |  | |
| * Researched, analyzed and validated healthcare facility information from 500 Chinese hospitals to expand the database for travelers in need of medical care and international medical tourists * Wrote a report examining the differences between hospital industries in China and U.S., and providing suggestions | | |  |
| **MassMutual Asia Ltd.,** Hong Kong | Jan. 2013 | |
| ***Winter Intern, Financial Management***   * Participated in a NGO creation competition; performed financial analysis in NGO creation * Participated in a Business Strategic Management Program in University of Hong Kong | |  |
| HONORS & AWARDS | | |
| 2016—2017 The Dartmouth Institute at Dartmouth College, selected student representative on official website  2012—2013 China Pharmaceutical University, Third-Class Scholarship (20%)  2012—2013 China Pharmaceutical University, Merit-based Honor (5%)  2012—2013 China Pharmaceutical University Student Union, Excellent Member (Term Award) | | |
| PERSONAL | | |
| Language: Native Chinese, Fluent English, Basic Portuguese  Skills: Stata, Microsoft Office (Word, Excel, PowerPoint)  Volunteering: Pharmaceutical information service in Shangyuantang Pharmacy, Nanjing, China  Interests: hiking, kayaking, skiing | | |