

Shao-Hsuan (Brendan) Chang

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Education

M.S. in Pharmaceutical Sciences, Pharmaceutical Outcomes and Policy

University of Florida, Florida, USA

August 2021— present

B.S. in Pharmacy

Taipei Medical University, Taipei, Taiwan

September 2013— June 2017

Professional Experience

Koo Foundation Sun Yat-Sen Cancer Center (KFSYSCC), Taipei, Taiwan

Clinical Investigational Pharmacist

February 2019— June 2021

- Designed customized chemotherapy protocols for the implementations of clinical trials on cancer patients
- Ensured study teams and patients to follow clinical trial protocols (36 clinical trials and 107 patients)
- Evaluated and approved clinical trials' site initiation contracts for medication related expenses

Clinical Staff Pharmacist

December 2018— February 2019

- Evaluated and compared the use of Irinotecan liposome (ONIVYDE) with traditional irinotecan based on guideline recommendations, safety and efficacy data and medication cost
- Implemented endocrine medications guideline for pregnant or breast-feeding patients
- Managed sterile chemo compounding, chemo orders verification, central pharmacy and outpatient pharmacy

Feng Yuan Hospital, Taichung, Taiwan

Staff Pharmacist (Military service)

September 2017— August 2018

- Participated in the implementation of seasonal influenza vaccination in rural areas of Taiwan
- Provided consultation for diabetes patients to ensure medication adherence and safety

Taipei City Hospital, Taipei, Taiwan

Pharmacy Intern

January 2017— June 2017

- Documented patients' profile and prepared methadone solution for methadone maintenance treatment
- Final project presentation on the topic of Direct Oral Anticoagulant treatment for pulmonary embolism

iHealth medication therapy management pharmacy, Taipei, Taiwan

Pharmacy Intern

July 2014

- Optimize home delivery routes for refilled prescriptions
- Redesigned the production area and dispensing room for pharmacy expansion

Peer-reviewed conference poster

- **Chang S**, Huang Y, Chiang J, Chiang Y, Chen G, ‘A retrospective study of medication use evaluation on Trastuzumab Emtansine in a single center’, Poster presented at: The 2nd Annual Joint Conference of The Pharmaceutical Society of Taiwan and Taiwan Society of Health-System Pharmacists. Nov 8, 2020. Taipei, Taiwan
- **Chang S**, Huang P, Kuo C, Ko Y, Chen C, Chiang S, ‘Evaluating the Efficiency and Medication Discrepancies through the WHO Medication Reconciliation Protocol with or without PharmaCloud Performed on Patients Admitted for Surgery in Two Hospitals of Northern Taiwan’, Poster presented at: The 2nd Annual Joint Conference of The Pharmaceutical Society of Taiwan and Taiwan Society of Health-System Pharmacists. Nov 8, 2020. Taipei, Taiwan

Research Experience

Principal Investigator

November 2019— January 2021

A retrospective study of medication use evaluation on Trastuzumab Emtansine in a single center

Koo Foundation Sun Yat-Sen Cancer Center, Taipei, Taiwan

- Led a team of four pharmacists to review electronic healthcare records (EHR) data and collect data on the use of Trastuzumab Emtansine
- Conducted survival analysis based on progression-free survival and overall survival with R

Researcher

February 2019— July 2020

An Exploratory Research on Medication Reconciliation Using Patients Admitted for Colorectal Cancer Surgery as An Example

Koo Foundation Sun Yat-Sen Cancer Center, Taipei, Taiwan

- Designed questionnaires and created medication list template for patient interviews
- Recruited and interviewed patients on their current medication usage

Research Assistant

February 2015— July 2015

Advisor: Wan-Chiung Cheng

Taipei Medical University, Taipei, Taiwan

- Reviewed and compared the differences between 1st and 2nd generation National Health insurance in insurance premium rate for a panel discussion
- Investigated the implications of implementing Diagnosis Related Groups (DRG) in the Taiwan healthcare system

License and Certification

- Taiwan Pharmacist license (#043257)
- Introduction to Probability and Data with R, Coursera (ID: 5ACXBRKBFBEL)
- Design and Interpretation of Clinical Trials, Coursera (ID: 7S5DGEJF97BC)
- Python Programming course, National Taiwan University (Ref. No. 3110232)

Leadership and Activities

Taipei Medical University Varsity Soccer Team

Student Athlete

October 2013— November 2015

Taipei Medical University Soccer Club

President

September 2014— June 2015

Professional associations

- Member, Taiwan Society for Pharmacoeconomics and Outcome Research (TaSPOR)
- Member, Taiwan Society of health-system pharmacists (TSHP)

Skills

- Computer: Python, R, Microsoft office (Word, Excel, PowerPoint)
- Foreign Language: Mandarin Chinese