

研究方法在社會藥學/藥事管理與藥物流
行病學/藥物經濟學暨成效研究的重要性
(The importance of methodology in social administrative
pharmacy/pharmacoepidemiology /pharmacoeconomic
and outcomes research)

Dr. Hsiang-Wen (Margaret) Lin 林香汶
Professor, School of Pharmacy and Graduate Institute,
College of Pharmacy, China Medical University,
2023 Fulbright Senior Research Scholar in UW





林香汶 Hsiang-Wen (Margaret) Lin, Ph.D.

Education/training experience



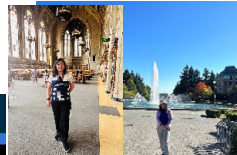
Master of Science in Clinical pharmacy, National Taiwan University (NTU)



Clinical Pharmacy Fellowship, NTU



Fulbright Senior Researcher, University of Washington (UW)



Visiting clinical fellow, University of Illinois at Chicago (UIC)



Pharmacy Systems Outcomes and Policy
College of Pharmacy - Chicago | Rockford



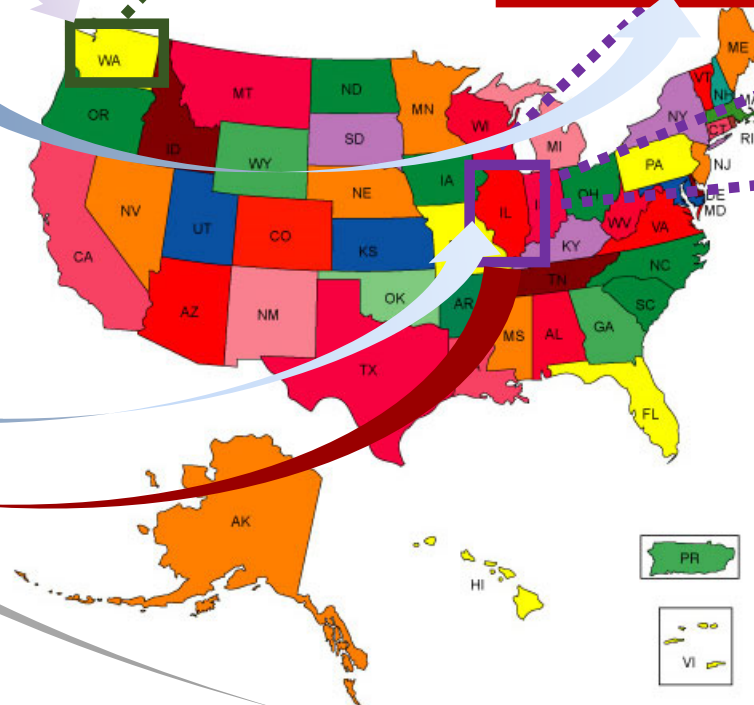
Ph.D. in Pharmacy Administration, UIC

Adjunct Faculty of PSOP, COP, UIC

Diploma Recipient of 2022 OXCEP Academic Medicine Course, University of Oxford, United Kingdom



United Kingdom



United States



Taiwan

Faculty in College of Pharmacy, CMU



Clinical Pharmacy Supervision Drug Information Center (CMU-D)



Bachelor of Science in Pharmacy China Medical University (CMU), Taichung, Taiwan



What is Taiwan Social and Administrative Pharmacy Academic Alliance (abbreviation: T-SAP) ?

SAP section in FIP as example



台灣社會藥學與藥事管理學術聯盟(T-SAP)

Social and Administrative Pharmacy Section

Search ...

Structures

- Structure and statutes
- Board of Pharmaceutical Practice
- Board of Pharmaceutical Practice
- Academic pharmacy
- Clinical biology

About us and our objectives

The **Social and Administrative Pharmacy Section (SAPS)** brings together FIP members from diverse practice settings and backgrounds. Our members work in a number of roles, including government departments of health, pharmaceutical companies, professional societies, chain pharmacies, wholesalers or with private

Special interest and expertise in the following areas:

***Qualitative and quantitative health services research**

***Outcomes research, including economic, clinical and humanistic outcomes**

***Instrument development and testing**

***PROMS, PREMS and patient satisfaction**

***Pharmacoeconomics – health economics**

***Pharmacoepidemiology - epidemiology**

***Quality improvement in health care**

•Health and pharmaceutical policy development and investigations

•Research administration and clinical governance

•Professional society management

•Professional standards and guidelines

***Evidence-based practice**

***Health planning and promotion**

•Regulatory affairs

Our uniting interest is the organization of pharmacy practice/medication use and the provision of evidence for decision-making in all areas related to medication use, pharmacy policy and advocacy.

* Research areas which Dr. Hsiang-Wen (Margaret) Lin have done or involved

T-SAP Faculty members



台大臨床藥學研究所
林芳如副教授



台大臨床藥學研究所
黃彥銘助理教授



美國辛辛那提藥學院
林純青教授



成功大學藥學系
歐鳳姿教授



成功大學藥學系
賴嘉鎮教授



長庚大學
鄭竹珊助理教授



台北醫學大學藥學系
吳宗軒教授



台大學藥學
王繼娟副教授



陽明交通大學藥學系
東雅惠副教授



高雄醫學大學
陳崇鈺教授



國防醫學大學藥學系
謝秉軒助理教授



高雄醫學大學
謝坤屏副教授



台北醫學大學藥學系
戈鈺教授



台北醫學大學藥學系
張雅惠副教授



中國醫藥大學藥學系
林香汶教授



高雄長庚藥劑部臨床
總藥師/高雄醫學大
學兼任副教授

More (including rising starts will join.... 4

SAP researchers and faculty care about methodology, news/policy related to pharmacists, medications, and patients

Examples

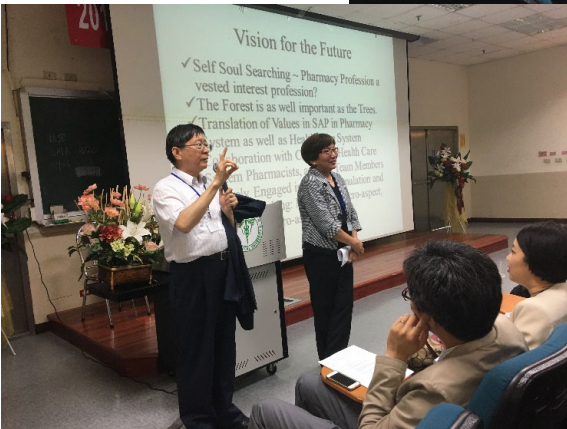
https://www.wandtv.com/news/illinois-pharmacists-state-medical-society-split-over-new-test-and-treat-practice/article_b8b8aa9a-4095-11ef-b7b0-432fd91d1dc7.html?

<https://www.doximity.com/newsfeed/52ff2ced-0557-44f1-be5f-acbf01d1229c/public>



台灣社會藥學與藥事管理學
術聯盟(T-SAP)

從2016第一次SAT symposium in CMU 至2019年舉辦獨立研討會



2017
Asia Pacific Workshop on
Social & Administrative
Pharmacy
亞太社會與管理藥學研討會

Aug. 2 Wed.
8月2日星期三
8:50 - 17:00

台大醫院國際會議中心401廳
Room 401, ITC International Convention Center
台北市中正區徐州路2號

立即報名!
報名網址: Registration website
<https://go.jpfr358/>
空有參加者可以聯繫多益社人員協助報名與查詢
(查詢請用英文或國語)

主辦單位: 藥事學會
協辦單位: 藥事學會
贊助單位: 藥事學會
協理單位: 藥事學會
贊助單位: 藥事學會
協理單位: 藥事學會
贊助單位: 藥事學會
協理單位: 藥事學會

Agenda

Chair: Prof. Jien-Jou King, National Yang-Ming University, Taiwan

- The Evolution of Social and Administrative Pharmacy and its Impact
Prof. Albert I. Wertheimer, Tampa University, USA
- Social and Administrative Pharmacy in Korea
Prof. Dong Chul Suh, ChungAng University, South Korea

Chair: Prof. Anya Maan-Yuh Lin, National Yang-Ming University, Taiwan

- Social and Administrative Pharmacy in ASEAN
Prof. Supat Limwattanasorn, Kasornabodindrajavidyalaya, Thailand
- Social and Administrative Pharmacy in Taiwan
Prof. Weng-Foung Huang, National Yang-Ming University, Taiwan

Chair: Dr. Ming-Hong Shih, National Yang-Ming University, Taiwan

- SAP Research in Drug Safety
Dr. Pei-Yuan Hsiao, National Taiwan University, Taiwan
- SAP Research in Pharmacy Practices
Dr. Kyoung-Wook Lee, ChonG Medical University, Taiwan
- Clinical Pharmacy Perspectives on SAP Research
Dr. Wen-Shyong Liou, Taichung Veterans General Hospital, Taiwan

Chair: Prof. Weng-Foung Huang, National Yang-Ming University, Taiwan

- Drug Pricing and Reimbursement in Korea
Prof. Dong Chul Suh, ChungAng University, South Korea
- Drug Pricing and Reimbursement in Thailand
Prof. Chalporn Limwattanasorn, Kasornabodindrajavidyalaya, Thailand

2019 第三屆
亞太社會與管理藥學研討會
Asia Pacific
Workshop on
Social &
Administrative
Pharmacy

8/10 9:00-17:00
/ 08:30 報到

Session I: Keynote Speech
The new HTA Policy in Japan: What does HTA-based pricing mean?
Prof. Tomoyuki Imai, University of Tsukuba, Japan
Application of Health Technology Assessment on Policy Decision Making: Lesson Learnt from Thailand
Dr. Sittichai Chaiyaprasitthachon, Thailand

Treatment and service evaluation in cancer care – a case study of applying
real-world data for assessing the cost-effectiveness of treatments used in clinical practice
Dr. Lillian O. Tu, University of Toronto, Canada

Session II: Research Presentation
Multi-Objective Decision Making for Health Care Policy Analysis
Dr. Wen-Chieh Chen, National Yang-Ming University, Taiwan

Real world evidence for comparative cost effectiveness study using antiobiotic treatments as example
Dr. Wen-Chieh Chen, National Yang-Ming University, Taiwan

Physician workload and quality of dialysis in Taiwan:
a novel insight from two-world data analysis combined with in-depth interview
Dr. Hsin-Tai Chen, National Taiwan University, Taiwan

Session III: Student Oral Presentation

台北會議場
<https://www.surveygate.com/W680D>
台北國際會議中心國際會展廳
台北市信義區松山南路101號
再議中心民權大樓一樓1012

高雄視聽場
<https://www.surveygate.com/W680D>
高雄醫學大學國際會議廳
高雄市中區民生路1號1012

主辦單位: 藥事學會
協辦單位: 藥事學會
贊助單位: 藥事學會
協理單位: 藥事學會
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協理單位: 藥事學會

Begin to involve in

Taiwan Join Conference of Pharmacy and
Pharmaceutical Science

第二屆臺灣藥學聯合學術研討會

sine 2020

第三屆臺灣藥學聯合學術研討會

台灣社會藥學與藥事管理學術聯盟(T-SAP) Time: 11/7 13:40-15:10 (B06)

主題：瞭解民眾的經驗與需求，發展賦權民眾參與健康照護的藥事服務
主持人：林香汶教授

時程	主題	主講者
13:40-14:00	瞭解民眾需求並提供藥師諮詢以增進非處方藥用藥安全 Understanding consumers' needs and engaging consumers in wise use of over-the-counter medications	黃彥銘博士/助理教授 (English presentation)
14:00-14:20	以質性研究方法探討病人用藥經驗 Exploring patient medication experiences via qualitative research methods	張雅惠博士/助理教授 (English presentation)
14:20-14:50	主題分享(10 minutes for each) 1. 14:20-14:30-應用初級資料收集進行藥事服務研究 2. 14:30-14:40-Prospective data collection research for patient engagement 3. 14:40-14:50-Instrument development for patient research	黃彥銘老師 張雅惠老師 林香汶老師 (中文報告)
15:00-15:10	討論分享	林香汶; 張雅惠; 黃彥銘 (中文分享)

第五屆臺灣藥學聯合學術研討會

台灣社會藥學與藥事管理學術聯盟(T-SAP) Time: 10/30 9:00-12:00

主題：藥物流行病學 藥物經濟與成效評估

主持人：成大臨床藥學與藥物科技研究所歐凰姿教授

第五屆臺灣藥學聯合學術研討會 - 藥學新視野
 2022 The 5th Taiwan Joint Conference of Pharmacy and Pharmaceutical Sciences
 - New Horizons for Pharmacy
 10月29日(六)

10月30日(日)

08:30-09:00 報到、現場註冊

會議室	2022第五屆臺灣藥學聯合學術研討會	R402D	R101	
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09:00-10:30 藥物流行病學、藥物經濟與成效評估

10:30-10:50(茶敘)

10:50-12:20

場次 2	10月30日(日)			
	時間	講題	講者	主持人

09:00-09:30	社會管理藥學研究中病患自述成效很重要喔 Patient-reported outcomes in social administrative pharmacy researches are matter	林香汶 教授 中國醫藥大學藥學系	
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09:30-10:00	利用真實世界資料探討臨床藥學主題 Using real world data to investigate clinical pharmacy topic	陳崇鈺 副教授 高雄醫學大學藥學系	歐凰姿 教授 成功大學臨床藥學與藥物科技研究所
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10:00-10:30	健康經濟模型如何幫助臨床和政策決定 How does health economic modeling help in clinical and policy decision-making?	林芳如 副教授 臺灣大學藥學專業學院	
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10:30-10:50	茶敘		
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藥物流行病學、藥物經濟與成效評估

地點：R402D

10月30日(日)

時間	講題	講者	主持人
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口頭發表評選

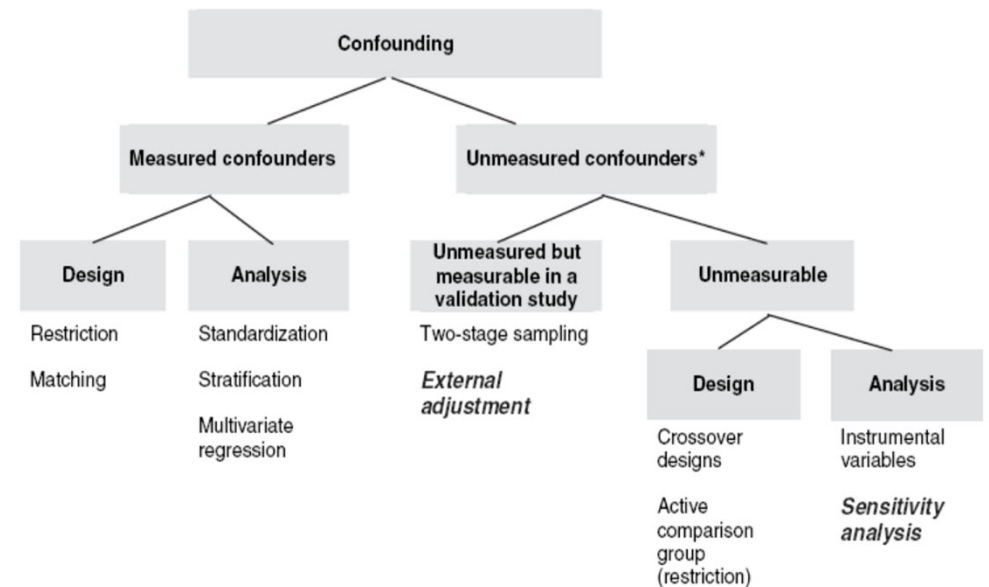
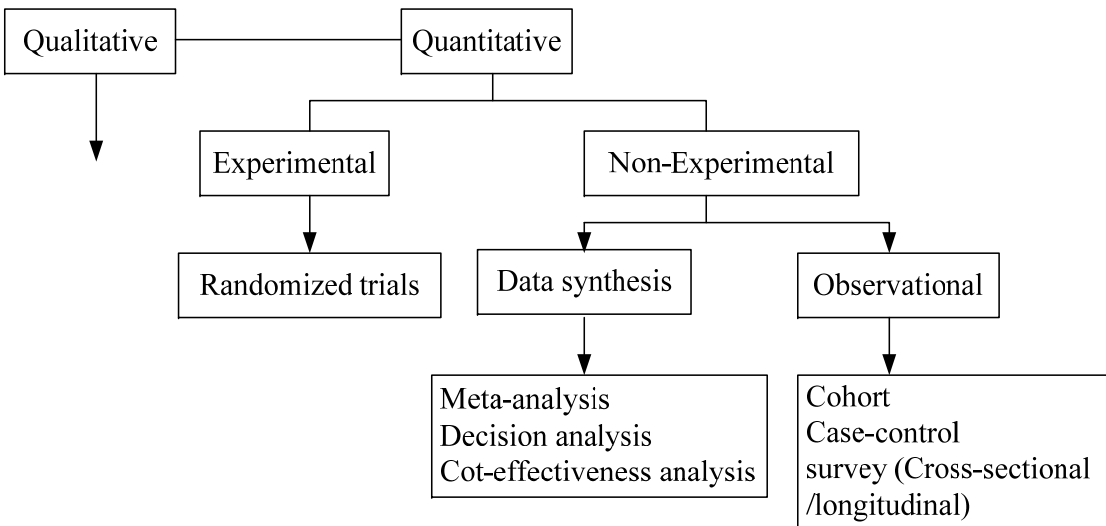
10:50-11:10	Efficacy and safety of first-line afatinib versus erlotinib or gefitinib in patients with advanced non-small cell lung cancer harboring Leu858Arg mutation: a single-center observational study	忻彥君 臺北市立萬芳醫院藥劑部	歐凰姿 教授 成大臨床藥學與藥物科技研究所
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11:10-11:30	The originator and biosimilars of G-CSF in neutropenia incidence: a systematic review and meta-analysis	康盈盈、方鈺 高雄榮民總醫院藥學部	林香汶 教授 中國醫藥大學藥學系
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11:30-11:50	Investigating risk factors for opioid overdose in hospitalized patients: a nested case-control study	林文嶠 臺灣大學醫學院臨床藥學研究所	陳崇鈺 副教授 高雄醫學大學藥學系
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11:50-12:10	Safety and efficacy of antithrombotic therapies in patients with atrial fibrillation and acute coronary syndrome treated with percutaneous coronary intervention: a network meta-analysis of randomized controlled trials	吳欣頻 高雄醫學大學藥學系臨床藥學碩士班	林芳如 副教授 臺灣大學藥學專業學院
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Study designs in SAP



Qualitative research: generate hypotheses, identify the relevance of findings to specific groups and describe complex phenomena.

Quantitative research: formal hypothesis testing...

Rubinfeld, 1999

Pharmacoepidemiol Drug Saf. 2006;15:291-303

Good research question cannot be solved with doing “**fishing**” work for the answers but need the **relevant and best design(s) of research** to facilitate better health care decision making...

好的研究問題不能透過「**釣魚**」來解決，而是需要**相關的、最佳的研究設計**，以促進更好的醫療保健決策...

第六屆臺灣藥學聯合學術研討會

台灣社會藥學與藥事管理學術聯盟(Taiwan-SAP) Time: 11/17 13:50-16:30

主題:Methodology is the key in Social Administrative Pharmacy and oral presentation

方法學是社會暨管理藥學的關鍵

主持人: 林香汶教授 (Section modulator: Professor Hsiang-Wen Lin)

時程 (Time)	主題 (Topic)	主講者 (Speaker)	主持人(modulator)
13:50-13:55	研究方法在社會藥學藥事管理與藥物流行病學/藥物經濟學際成效研究的重要性 (The importance of methodology in social administrative pharmacy/pharmacoepidemiology /pharmacoeconomic and outcomes research)	中國醫藥大學林香汶教授 (Dr. Hsiang-Wen Lin, Professor, College of Pharmacy , China Medical University)	
13:55-14:35 (40mins)	作業系統分析及應用科技改進藥療系統及作業 (Operation system analysis and application of technology to improve medication systems and operations)	美國辛辛那提藥學院林純青教授 (Dr. Alex C. Lin, Professor, James L. Winkle College of Pharmacy, University of Cincinnati, USA)/	中國醫藥大學林香汶教授
14:36-15:05 (30mins)	利用真實世界數據與因果推論方法學提升臨床決策 (Applying real-world data and causal inference methodologies to improve clinical decision-making)	成功大學藥學系賴嘉鎮教授 (Edward Lai, School of Pharmacy, National Cheng Kung University)	台北醫學大學吳宗軒教授
15:06-15:15	茶敘 (tea break)		
15:16-15:45 (30mins)	應用機器學習方法學於臨床藥學服務研究 (Applying machine learning methodologies in researches of clinical pharmacy services)	高雄長庚藥劑部/高雄醫學大學藥學系許茜甯臨床藥師/副教授 (Chien-Ning Hsu, Associate Professor)	美國辛辛那提藥學院林純青教
15:46-16:15 (10 min pre) (30 mins)	用藥順從性評估方法學(Methodology of medication adherence assessment)	台大臨床藥學研究所黃彥銘助理教授 (Assistant Professor, Yen-Ming Huang, Graduate Institute of Clinical Pharmacy)	高雄醫學大學陳崇鈺教授
16:16-16:30	討論分享 (Discussion and sharing)	所有講者 (All speakers and participants)	