

**Project Final Report for
Professional Services Advancement Support Scheme (“PASS”)**

1. Project Details

- 1.1 Project Reference No.** : PS182001
- 1.2 Project Title** : Exchange Programme for Chinese Medicine Pharmaceutical Professionals in Guangdong-Hong Kong-Macao Greater Bay Area
- 1.3 Grantee** : Technological and Higher Education Institute of Hong Kong (THEi)
- 1.4 Collaborating Organisation(s)** : (i) Li Dak Sum Yip Yio Chun R&D Centre for Chinese Medicine, The Chinese University of Hong Kong
(ii) Hong Kong Chinese Medicine Pharmacists Association
(iii) Guangdong Pharmaceutical Association (Chinese Medicine Pharmacy Professional Committee)
(iv) Association of Pharmacists of Chinese Medicine of Macau
- 1.5 Implementation Agent(s)** : Nil
- 1.6 Sponsoring Organisation(s)** : Nil
- 1.7 Consultant(s)** : Nil
- 1.8 Project Co-ordinator** : (Name) Dr Dawn AU (Post title) Assistant Professor
- 1.9 Deputy Project Co-ordinator** : (Name) Dr CHUN Chiu-shun, Abel (01/03/2019 to 31/08/2019) (Post title) Teaching Fellow II
(Name) Dr WANG Yanping (01/09/2019 to 30/11/2020) (Post title) Teaching Fellow II
- 1.10 Project Period (duration)** : from 01/03/2019 to 30/11/2020 (21 months)
- 1.11 Major Beneficiary Sector(s)** : Health-related services sector
- 1.12 Approved PASS Grant (HK\$)** : 1,058,000

2. Project Implementation

2.1 Project Summary

(Please give a summary of the project including objectives, deliverables and target professional service sectors within 100 words.)

The exchange programme for Chinese Medicine Pharmaceutical Professionals in Guangdong–Hong Kong–Macao Greater Bay Area (GBA) includes 3 main events: three 1-day seminars, a 5-day GBA study tour, a training course and a final report. The whole exchange programme aims to increase the professional level of Hong Kong Chinese medicine (CM) pharmaceutical professionals and to provide an exchange platform to facilitate the participants with their counterparts in GBA, and resulting in the stronger bonding of CM pharmacists in southern China.

2.2 Project Deliverables

(Please compare the actual results achieved with the agreed targets for each item.)

Agreed Targets		Actual Results Achieved (Please submit copies of all relevant supporting materials, e.g. proceedings, attendance records.)	
Date / Deliverables (with quantity)	Beneficiaries (estimated no. of local / non-local participants)	Date / Deliverables (with actual quantity)	Beneficiaries (actual no. of local / non-local participants)
01/06/2019 to 30/09/2019 Three 1-day seminars in Hong Kong on CM safety management, challenges and regulatory issues, etc.	600 Hong Kong CM pharmacists (200 participants for each seminar)	Three 1-day seminars completed <u>Event Name</u> 粵港澳大灣區中藥藥劑服務及安全用藥研討會 / Pharmaceutical Service and Safe Use of Chinese Medicines in Guangdong-Hong Kong-Macao Greater Bay Area Seminar <u>Date / Theme</u> 1 st seminar: 13/07/2019 大灣區內中藥政策, 管理之現狀及發展沿 Chinese Medicine Policy, Management Status and Development Progress in GBA 2 nd seminar: 27/07/2019 大灣區中藥專業技術交流及嶺南草藥的應用 Traditional Chinese Medicine Professional Technologies Exchange and Application of Ling-nan Herbs in GBA	Seminar's participants (669) were mainly from CM pharmacist and pharmaceutical professionals. 669 participants (i) Hong Kong CM pharmacists & pharmaceutical professionals: 602 (ii) other participants: 63 (iii) non-local CM pharmacists & pharmaceutical professionals: 4 (For Hong Kong Professionals: 100.3% of the target met)

Agreed Targets		Actual Results Achieved <i>(Please submit copies of all relevant supporting materials, e.g. proceedings, attendance records.)</i>	
<i>Date / Deliverables (with quantity)</i>	<i>Beneficiaries (estimated no. of local / non-local participants)</i>	<i>Date / Deliverables (with actual quantity)</i>	<i>Beneficiaries (actual no. of local / non-local participants)</i>
		3rd seminar: 10/08/2019 大灣區中藥發展新趨勢 New Trends in the Development of Traditional Chinese Medicine in GBA	
01/09/2019 to 31/12/2019 One 5-day study tour to Guangdong and Macao	40 Hong Kong CM Pharmacists	One 5-day study tour completed <u>Event Name</u> 粵港澳大灣區中藥藥劑專業交流團 GBA Chinese Medicine Pharmaceutical Professional Study Tour <u>Date</u> 5/12/2019 to 9/12/2019 <u>Cities and organisations visited</u> Macau 澳門: -澳門大學中華醫藥研究院 -澳門張權破痛油中藥廠 Jiangmen 江門: -新會區養老中心 -新會陳皮種植基地 Guangzhou 廣州: -廣東省博物館 -廣東省藥師協會 -清平中藥材專業市場 -陳李濟中藥博物館 Zhaoqing 肇慶: -鼎湖山國家級自然保護區 -沙浦鎮鼎湖肇實種植場 Shenzhen 深圳: -深圳市寶安純中醫治療醫院	42 participants from CM pharmacist and pharmaceutical professionals: (i) 40 participants from Hong Kong (ii) 2 participants from the Mainland (For Hong Kong professionals: 100% of the target met)

Agreed Targets		Actual Results Achieved <i>(Please submit copies of all relevant supporting materials, e.g. proceedings, attendance records.)</i>	
<i>Date / Deliverables (with quantity)</i>	<i>Beneficiaries (estimated no. of local / non-local participants)</i>	<i>Date / Deliverables (with actual quantity)</i>	<i>Beneficiaries (actual no. of local / non-local participants)</i>
01/02/2020 to 30/06/2020 1 Training course (with 20 half-day lectures) in Hong Kong on updated CM pharmacy knowledge with focus on regulation and law related to CM in the Mainland	100 Hong Kong CM pharmacists	1 training course in Hong Kong completed <u>Event Name</u> 香港中藥專業培訓課程 Hong Kong Chinese Medicine Pharmaceutical Professional Training Course <u>Date</u> 09/08/2020 to 11/10/2020 (10 Sundays, 2 lectures / day) <u>Time</u> AM session: 09:00 - 13:00 PM session: 14:00 - 18:00 <u>Teaching mode:</u> Online mode (change from physical lesson to online due to epidemic), live session and replay mode were provided	103 Hong Kong CM pharmacists and pharmaceutical professionals participated the training course (103% of the target met)
01/08/2020 to 31/08/2020 One final report of the project outcomes	Browsers on internet	01/11/2020 to 30/11/2020	Browsers on internet

2.3 Project Promotion and Dissemination

(Please compare the actual means used / outcomes with the agreed activities for each item.)

Agreed Activities	Actual Means Used / Outcomes <i>(Please submit copies of all relevant supporting materials, e.g. posters, leaflets, invitation letters, publications, website printouts, dissemination e-mails, newsletters, feedback surveys and analysis.)</i>

<p align="center">Agreed Activities</p>	<p align="center">Actual Means Used / Outcomes <i>(Please submit copies of all relevant supporting materials, e.g. posters, leaflets, invitation letters, publications, website printouts, dissemination e-mails, newsletters, feedback surveys and analysis.)</i></p>
<p>(a) For Project Promotion:</p>	
<p>To prepare articles for VTC and THEi's newsletter on all the events</p>	<ul style="list-style-type: none"> - Promotion materials including posters, e-banners, seminar schedule, invitation letters have been prepared and approved by the PASS Secretariat for all the events - Approved promotion materials were used in VTC and THEi's newsletters / website / email for promotion
<p>To issue invitations and distribute promotion leaflets to VTC and THEi and members and collaborators of Hong Kong Chinese Medicine Pharmacists Association (HKCMPA), Guangdong Pharmaceutical Association (GDPA) and R & D Centre for Chinese Medicine (RDCCM) of CUHK on all the events</p>	<p>For all events:</p> <ul style="list-style-type: none"> - Invitation emails were sent via THEi's internal email to all THEi's staff and Faculty of Science and Technology (FST) students - Priority email invitation with promotion materials were sent to collaborators for inviting their members (Example: HKCMPA member newsletter/email) - Invitation emails with promotion materials sent to Chinese Medicine related parties and organisations: industrial association, professional and personnel associations, academia, Non Government Organizations (NGO) /Hospital Authority (HA) Chinese Medicine clinics, HA Chief Pharmacist's Office (HACPO), Chinese Medicine related alumni group - Email request to Chinese Medicine Resources Platform (CMRP) under Chinese Medicine Development Fund for promotion to their members who were from most of the fields of CM industry, academia and related parties by their email circulation - Promotion via THEi's website as upcoming event in both Chi & Eng [Events and Webinars] - Promotion via social media platform of THEi and HKCMPA, such as Facebook and Instagram <p><u>THEi's Facebook</u></p> <ul style="list-style-type: none"> - <u>Seminar</u> - <u>Course</u> https://www.facebook.com/Facultysciencetechnology/posts/1163966347321887 <p><u>HKCMPA's Website, Facebook & Instagram</u></p> <ul style="list-style-type: none"> - Seminar (1)Enrolment page https://www.cmpa.org.hk/%e7%b2%b5%e6%b8%af%e6%be%b3%e5%a4%a7%e7%81%a3%e5%8d%80%e4%b8%ad%e8%97%a5%e8%97%a5%e5%8a%91%e6%9c%8d%e5%8b%99%e5%8f%8a%e5

<p style="text-align: center;">Agreed Activities</p>	<p style="text-align: center;">Actual Means Used / Outcomes (Please submit copies of all relevant supporting materials, e.g. posters, leaflets, invitation letters, publications, website printouts, dissemination e-mails, newsletters, feedback surveys and analysis.)</p>
	<p>%ae%89%e5%85%a8%e7%94%a8%e8%97%a5%e7%a0%94%e8%a8%8e%e6%9c%83/</p> <p>(2) Post of promotional press release https://www.facebook.com/permalink.php?story_fbid=1833672006778456&id=882060181939648</p> <p>(3) Enrolment promotion https://www.facebook.com/permalink.php?story_fbid=1815805461898444&id=882060181939648 (20 Jun 2019) https://www.facebook.com/permalink.php?story_fbid=1824239694388354&id=882060181939648 (28 Jun 2019) https://www.facebook.com/permalink.php?story_fbid=1836331553179168&id=882060181939648 (11 Jul 2019) https://www.facebook.com/permalink.php?story_fbid=1836640843148239&id=882060181939648(11 Jul 2019)</p> <p>(4) Reminder of seminar https://www.facebook.com/permalink.php?story_fbid=1837524676393189&id=882060181939648 (12 Jul 2019)</p> <p>- Study Tour</p> <p>(1) Enrolment Page https://www.cmpa.org.hk/%e7%b2%b5%e6%b8%af%e6%be%b3%e5%a4%a7%e7%81%a3%e5%8d%80%e4%b8%ad%e8%97%a5%e8%97%a5%e5%8a%91%e4%ba%a4%e6%b5%81%e5%9c%98/</p> <p>(2) Enrolment Promotion https://www.facebook.com/882060181939648/photos/a.930219893790343/1964013537077635/ (11 Nov 2019)</p> <p>- Intensive Course</p> <p>(1) Enrolment Page https://www.cmpa.org.hk/product/2020-pass-training-course/</p> <p>(2) Enrolment Promotion https://www.facebook.com/permalink.php?story_fbid=2247825922029727&id=882060181939648 (13 Jul 2020) https://www.facebook.com/882060181939648/photos/a.1009299849215680/2275441822601470/ (7 Aug 2020)</p>
<p>To invite local press to the seminars</p>	<p>- Metro Daily and Hong Kong Economic Times were invited for interview</p>

<p style="text-align: center;">Agreed Activities</p>	<p style="text-align: center;">Actual Means Used / Outcomes (Please submit copies of all relevant supporting materials, e.g. posters, leaflets, invitation letters, publications, website printouts, dissemination e-mails, newsletters, feedback surveys and analysis.)</p>
<p>To issue press release and arrange for social media coverage before and after the seminars and the study tour</p>	<p><u>Before seminar:</u></p> <ul style="list-style-type: none"> - VTC's website - Upcoming events columns (Link is not valid, only printed record) - Metro Daily promotion: Title: 放榜近 中藥學具潛力 大灣區聯手提升行業水平 (8 July 2019) (Link is not valid, only printed record) <p><u>After Seminar:</u></p> <ul style="list-style-type: none"> - Metro Daily promotion - 16 July 2019: 中藥師可到國內執業 融合大灣區影響深遠(Link is not valid, only printed record) - 11 August 2019: 年輕人漸多愛中藥 新課程培育新思維(Link is not valid, only printed record) - Hong Kong Economic Times (24 July 2019) (Link is not valid, only printed record) - THEi's website - News and Press Release - VTC's website - News and Press Release - 鳳凰新媒體網上平台- 大風號: Column (26 July 2019) - 信報網上平台 – 信健康: Column of Dr. Vivian Wong Tam (10 August 2019) https://health.hkej.com/health/article?suid=2215992&subjectline=%E4%B8%AD%E9%86%AB%E6%97%97%E8%89%A6+%E8%BF%BD%E9%9F%93%E8%B6%95%E6%BE%B3 - THEi's internal mail release: THEi Weekly (Email content – printed version) - THEi's official social media channel (e.g.: Facebook) - THEi's Newsletter Issue- THEinsight(2nd Issue, Sept 2019) https://thei.edu.hk/news/thei-newsletter-issue-2 - HKCMPA's website and Facebook https://www.cmpa.org.hk/%e7%b2%b5%e6%b8%af%e6%be%b3%e5%a4%a7%e7%81%a3%e5%8d%80%e4%b8%ad%e8%97%a5%e8%97%a5%e5%8a%91%e6%9c%8d%e5%8b%99%e5%8f%8a%e5%ae%89%e5%85%a8%e7%94%a8%e8%97%a5%e7%a0%94%e8%a8%8e%e6%9c%83/ <p><u>After Study Tour:</u></p> <ul style="list-style-type: none"> - THEi's website - News and Press Release https://thei.edu.hk/tc/news/gba-chinese-medicine-pharmaceutical-professional-study-tour https://thei.edu.hk/news/gba-chinese-medicine-pharmaceutical-professional-study-tour/

<p align="center">Agreed Activities</p>	<p align="center">Actual Means Used / Outcomes <i>(Please submit copies of all relevant supporting materials, e.g. posters, leaflets, invitation letters, publications, website printouts, dissemination e-mails, newsletters, feedback surveys and analysis.)</i></p>
	<ul style="list-style-type: none"> - HKCMPA's website and Facebook
<p>To promote the events on THEi's website</p>	<p><u>Before events:</u></p> <ul style="list-style-type: none"> - THEi's website - Upcoming events columns 13/7 : https://thei.edu.hk/events/pharmaceutical-service-and-safe-use-of-chinese-medicines-in-guangdong-hong-kong-macao-greater-bay-area-seminar-13-july-2019 27/7: https://thei.edu.hk/events/pharmaceutical-service-and-safe-use-of-chinese-medicines-in-guangdong-hong-kong-macao-greater-bay-area-seminar-27-jul-2019 10/8: https://thei.edu.hk/events/pharmaceutical-service-and-safe-use-of-chinese-medicines-in-guangdong-hong-kong-macao-greater-bay-area-seminar-10-aug-2019 - THEi - Faculty of Science and Technology's Facebook (Training Course) https://www.facebook.com/Facultysciencetchnology/posts/1163966347321887 - THEi's website - News and Press Release (Seminar, study tour, training course) Seminar: (Chi)https://thei.edu.hk/tc/news/CMPceremony (Eng)https://thei.edu.hk/news/CMPceremony - Study Tour (Chi)https://thei.edu.hk/tc/news/gba-chinese-medicine-pharmaceutical-professional-study-tour (Eng)https://thei.edu.hk/news/gba-chinese-medicine-pharmaceutical-professional-study-tour/ - Training Course (Chi)https://thei.edu.hk/tc/news/hong-kong-chinese-medicine-pharmaceutical-professional-training-course/ - (Eng)https://thei.edu.hk/news/hong-kong-chinese-medicine-pharmaceutical-professional-training-course
<p>(b) For Dissemination of Project Deliverables: To upload the reports, and photo/video recordings of all materials developed from the events conducted under this project on THEi's website to widely disseminate the project deliverables to the sector by different stages</p>	<p><u>THEi's Website: News and Press Release column</u> Review and photos of seminars, study tour and training courses (Chinese and English Version) (1) Seminar https://thei.edu.hk/tc/news/CMPceremony (2) Study Tour https://thei.edu.hk/tc/news/gba-chinese-medicine-pharm</p>

<p align="center">Agreed Activities</p>	<p align="center">Actual Means Used / Outcomes <i>(Please submit copies of all relevant supporting materials, e.g. posters, leaflets, invitation letters, publications, website printouts, dissemination e-mails, newsletters, feedback surveys and analysis.)</i></p>
	<p>aceutical-professional-study-tour (3) Intensive Course https://thei.edu.hk/news/hong-kong-chinese-medicine-pharmaceutical-professional-training-course/</p> <p><u>THEi's Weekly: Email Circulation</u> Review and photos of seminars (English version only)</p> <p><u>THEi's Weixin Page: Facing publics, esp. mainland and worldwide</u> Review and photos of study tour (Chinese version only) https://mp.weixin.qq.com/s/irLNy771okpU1zsZHOUC0w</p> <p><u>THEi-FST Facebook Page: Facing publics</u> Review, videos and photos of the study tour (Chinese version only) https://www.facebook.com/Facultysciencetechnology/videos/2602872046646446/ (25 May 2020)</p> <p><u>Press release of collaborators and supporting organisations: facing publics</u> <u>CUHK</u></p> <ul style="list-style-type: none"> - CUHK Newsletter: 推動中藥專業化 (Aug 2019) https://www.iso.cuhk.edu.hk/images/publication/newletter/541/html5/?lang=zh#7 - CUHK UPDates: 推動中藥專業化 Professionalizing Chinese Medicine (Dec 2019) https://www.iso.cuhk.edu.hk/chinese/publications/CUHKUPDates/article.aspx?articleid=2464 - 粵港澳大灣區中藥藥劑服務及安全用藥研討會 https://rdccm.cuhk.edu.hk/activities/2019-2/%e7%b2%b5%e6%b8%af%e6%be%b3%e5%a4%a7%e7%81%a3%e5%8d%80%e4%b8%ad%e8%97%a5%e8%97%a5%e5%8a%91%e6%9c%8d%e5%8b%99%e5%8f%8a%e5%ae%89%e5%85%a8%e7%94%a8%e8%97%a5%e7%a0%94%e8%a8%8e%e6%9c%83/ - CUHK Newsletter 中大通訊: 交流中藥發展心得 https://www.iso.cuhk.edu.hk/images/publication/newletter/549-550/html5/?lang=zh#8 (Jan 2020) - CUHK UPDates : 交流中藥發展心得(Dec 2019) https://www.iso.cuhk.edu.hk/chinese/publications/CUHKUPDates/article.aspx?articleid=2567 <p><u>Guangdong Pharmacist Association</u></p> <ul style="list-style-type: none"> - 粵港澳三地协会举办药学交流研讨会 (5 Aug 2019) http://www.gdysxh.com/index/index/new_detail.ht

<p align="center">Agreed Activities</p>	<p align="center">Actual Means Used / Outcomes <i>(Please submit copies of all relevant supporting materials, e.g. posters, leaflets, invitation letters, publications, website printouts, dissemination e-mails, newsletters, feedback surveys and analysis.)</i></p>
	<p>ml?id=89</p> <ul style="list-style-type: none"> - Post of Press release of the open ceremony of Seminar (16 Jul 2019) https://www.facebook.com/permalink.php?story_fbid=1840826856062971&id=882060181939648 - Post of press release and reminder of 27 Jul's Seminar (26 Jul 2019) https://www.facebook.com/permalink.php?story_fbid=1850201755125481&id=882060181939648 - Notification and highlights of intensive course were updated weekly on HKCMPA's Facebook and Instagram https://www.instagram.com/stories/highlights/17961372214332134/ https://www.instagram.com/p/CEDyVxmJuDR/ https://www.instagram.com/p/CD0uh4XptyA/ <p><u>Chinese Medicine Resource Platform</u> Photos of seminar (13 July 2019) https://www.cmresource.hk/events-detail.php?id=12&mid=6&pid=17</p> <p><u>新會中醫院 Website</u> Review and photos of study tour (6 Dec 2019)</p> <p>The final report of the whole exchange programme has been uploaded to the collaborating organisation, HKCMPA's website (https://www.cmpa.org.hk/pass_report/), which is accessible by public.</p>
<p>After uploading, to issue electronic notices free-of-charge to the participants, related faculties of local universities and institutions, THEi members and relevant professional organisations</p>	<p>The final report of the whole exchange programme has been uploaded to the collaborating organisation, HKCMPA's website (https://www.cmpa.org.hk/pass_report/), which is accessible by public.</p>

3. Achievements and Grantee's Evaluation of the Project

3.1 Number of participants and eligible beneficiaries

Project Deliverables	Eligible Number of Beneficiaries (if known)
(i) Three 1-day seminars	602
(ii) One 5-day study tour	40
(iii) 20 Training courses	103

3.2 Feedback from participants / users / professional services sectors

A e-survey was conducted after each event to assess the effectiveness of the events. Each survey has covered major aspects, such as arrangement, contents, review and suggestion.

Three 1-day Seminars:

Most participants were very satisfied or agreed with below aspects of the seminars.

- The contents in the seminar can improve the knowledge of Chinese Medicine Pharmaceutical professionals in GBA (Average score: 4.67/5)
- The content in the seminars were useful, practical and related to the professionals (Average score: 4.55/5)
- The schedule and flow arrangement of the seminar (Average score: 4.55/5)
- Overall evaluation of the seminar (Average score: 4.58/5)

Some participants reviewed the contents were so abundant and covered different aspects, while suggested to extend the duration of each talk and Q&A session for deepen discussion of each topic.

Suggestions of CM pharmaceutical professional related aspects in future: Authentication of Chinese Materia Medica / medicinal plants, career pathway of CM Pharmacist, regulations and management of Chinese medicines and Chinese Medicine Hospital in Hong Kong and the Mainland, Quality control / registration / development of proprietary Chinese medicine (PCM), Commodity of Chinese materia medica, etc.

5-day Study Tour:

Most participants were very satisfied or agreed with below aspects of the study tour.

(i) General details:

- Duration: 5 day 4 nights (4.46/5); Cities visited: 5 cities in the GBA (4.59/5); Trip cost (4.49/5)

(ii) Locations/organisations visited:

- Most satisfied: 新會陳皮種植及加工基地 (4.59/5), 肇慶沙浦鎮肇實種植及加工基地 (4.59/5), 肇慶鼎湖山藥用植物研習 (4.53/5)

All location organisations scored over 3 or above for the whole study tour.

(iii) Objectives of the study tour:

- The study tour can deepen the understanding of Chinese Medicine Pharmaceutical professionals' development in GBA (4.49/5)
- The study tour can improve the professional level of Chinese Medicine (4.51/5)
- The study tour can enhance the knowledge and understanding of Lingnan herbal medicine (4.54/5)
- the study tour can promote the professional collaboration and information exchange with the GBA Chinese Medicine Pharmaceutical professionals (4.38/5)

Overall review:

The study tour was well arranged and with abundant and professional information of Chinese medicine. The study tour has been served as a very good learning and exchange platform, providing sufficient opportunities of industrial-professional exchange, vision exploring, improving professional knowledge, and thus helping the industry to continuously improve. Some participants expected future study tour to include more CM professional aspects such as: CM Clinical Pharmacy (中藥臨床藥學), genuine medicinal material (道地藥材), process of Chinese herbal medicine and pCm etc.

Training Course with 20 half-day lectures:

Most participants were very satisfied or agreed with below aspects of the training course -

- Online teaching: Live session with replay mode (4.41/5)
- Professionalism of Tutors (4.44/5)
- Professional level of content (4.34/5)

- Arrangement of the course: Pre- and Post-assessment, e-platform, delivery of teaching material, interaction with tutor
- Purposes achieved:
 - (i) increase the professional knowledge in different areas of Chinese medicine (4.32/5)
 - (ii) improve the professional level of Chinese medicine (4.29/5)
 - (iii) help participants understand the mode and content of Pharmacist Licensure Examination (4.39/5)
 - (iv) increase confidence in participating in Pharmacist Licensure Examination (4.17/5)

Over 40% of students reflected there was lack of similar professional training course for Chinese medicine pharmaceutical professional in the market, which showed that Hong Kong still needs to strengthen professional training in this area.

Suggestions for future training courses:

- Aspects included: Pharmacist Licensure Examination, CM Clinical Pharmaceutical Service (中藥臨床藥學服務), advanced course of pharmaceuticals or processing of Chinese medicine (中藥製劑或炮制研修班), commodity of Chinese medicine (中藥商品規格), Hong Kong Chinese medicine regulations (香港中藥藥事法規)
- Teaching mode: online (live with replay) > face-to-face > recorded

Overall review:

Contents of the course were abundant, practical and professional. Some suggestions, including lengthening the course duration, decreasing the frequency of each lesson and deepening in certain topics etc., were received.

Teaching efficacy review:

Pre- and Post assessments were conducted to assess the efficacy of the course.

Over 60% participants have improved the scores after the course, with the highest increment of 400% (from 18 to 90). 8 participants even doubled their scores after the training course (+108% to +400%). The average score was increased from 53.24 to 60.49 (+13.6%), and the passing rate was raised by 19.0%, from 42 to 50.

3.3 Dissemination of project deliverables to relevant professionals

The review/report of the project has been sent to all participants in the whole exchange programme, all HKCMPA's members, other collaborating organisations and other CM related organisations for their internal circulation. It has also been uploaded to the homepage of one collaborating organisation, HKCPMA, as a platform for the dissemination of project deliverables.

3.4 PASS and other objectives reached *(May choose more than one)*

- Increasing the exchanges and co-operation of Hong Kong's professional services with their counterparts in external markets
- Promoting relevant publicity activities
- Enhancing the standards and external competitiveness of Hong Kong's professional services
- Others

Please elaborate on how the objective(s) was/were met:

The project comprised a 3-day seminar, a GBA inter-city study tour and an 80-hour training course, each of which played a different role and brought different positive influences.

The first event, 3 1-day seminars were conducted on 13 July, 27 July and 10 August 2019 at the Conference Hall, Hong Kong Productivity Building. The themes of the seminars were pharmaceutical services and safe use of Chinese Medicines in GBA, covering aspects related to CM pharmaceutical management policy, risk management in CM and integrated use of herb and drug, authentication of CM, professional technologies exchange, new trends in development of TCM. Over 20 renowned scholars, experts and industry elites from the GBA, Beijing and local were invited as speakers to share their expertise and experiences on relative topics. There were 669 joined the seminars, meeting the agreed target (600 participants).

The seminars focused on the Pharmaceutical Service and Safe Use of Chinese Medicines in Guangdong-Hong Kong-Macao Greater Bay Area Seminar, which were considered as the first time of similar seminar conducted. Honourable speakers and industrial elites from the Mainland, Macau and local were invited to share with the participants their expertise and professional knowledge. The seminars provided a great platform for speakers, guests and participants to exchange their views. Moreover, the topics shared by the speakers were the most updated information in the Chinese medicines in pharmaceutical services, regulations, R&D trends, professional techniques, which broadened participants' knowledge. Furthermore, the seminars, based around the theme of safe use of Chinese medicines, the importance of pharmaceutical service and the professionalism of Chinese medicine pharmacist, were successfully revealing the professional role and importance of CM pharmacist exerting to stakeholders. The seminars also provided a good opportunity for different industry stakeholders and other related professionals to assemble, which also increased the exposure of Hong Kong Chinese medicine Pharmacists in other professionals and counterparts in the GBA. Moreover, a closer connection and network has been developed between different CM pharmacist / professional personnel associations among Guangdong, Macau and Hong Kong, which has facilitated further co-operation of professional exchange and service enhancement for Hong Kong Chinese medicine pharmacists, and this connection directly contributed in the two remaining events in the project.

The second event was a 5-day GBA study tour from 5 to 9 December 2019, with 42 participants, visited 5 cities in GBA. Mr. Tommy LI (representative of the 13th National People's Congress), Mr. CHEN Jia (representative of Liaison Office of the Central People's Government in the Hong Kong S.A.R.) and other several scholars were invited to be the honourable consultants and tutors.

The study tour has visited several cities in the Greater Bay Area with a profuse itinerary, covering latest R&D trend, origins and the process of genuine Chinese medicinal material, first pure Chinese medicine hospital and medicinal plants' investigation, which strengthened the professional knowledge and inspired participants. Besides different visits, a professional exchange forum with Guangdong Pharmacists Association was held to discuss the development and professional certification of Hong Kong Chinese medicine pharmacist / pharmaceutical professionals. Meaningful and constructive advice was obtained and provided enlightenment for the professional enhancement progress of CM pharmacists.

The third event, a 20-lecture training course, was conducted during August to October 2020. Due to the COVID-19 epidemic, the course was changed to online teaching mode. There was total 103 participants joined the course.

The 80-hour training course covered the key components of licensed pharmacist qualification and improved the professional knowledge and capability of participants, thereby enhancing the standard

and the competitiveness of Hong Kong CM Pharmacists, and also providing them a greater opportunity for developing professional service in the GBA.

3.5 Overall achievements of the project

Overall achievements of the project comprise:

- Around 800 Chinese medicine pharmacists and Chinese medicine pharmaceutical professionals have participated different events in the whole project, covering most of the industry sectors such as CM pharmacy, pCm manufacturers, CM traders, testing laboratory, NGO and Government, research and education, etc.
- Throughout the project, exchange platforms have been formed not only among different CM pharmaceutical sectors in local, but also among the Greater Bay Area. The collaboration between CMP professional organisation in Hong Kong and Guangdong, the Mainland has been implemented for studying further professional enhancement
- The atmosphere of continuous self-enhancement of Chinese Medicine Pharmacists and Chinese Medicine Pharmaceutical Professionals has been developed after the project. Enquiries of further training course were received.

The Project Final Report is prepared by the Grantee.