

## Pharmabridge Exchange Programme Report

### Section 1: Exchange details

Name of visitors	<b>Ferlien Baula and Cherrie Muana</b>
Pharmabridge #	
Email of visitor	<b>cgasendo@uic.edu.ph</b>
Country of visitor	<b>Philippines</b>
Visitors practice address	<b>University of the Immaculate Conception, Father Selga St. Davao City, Philippines 8000</b>
Host	<b>Faculty of Pharmacy and Pharmaceutical Sciences, Monash University</b>
Name of host	<b>John Jackson</b>
Email of host	<b>john.jackson@monash.edu</b>
Country of host	<b>Melbourne, Australia</b>
Host practice address	<b>381 Royal Parade Parkville VIC 3052</b>

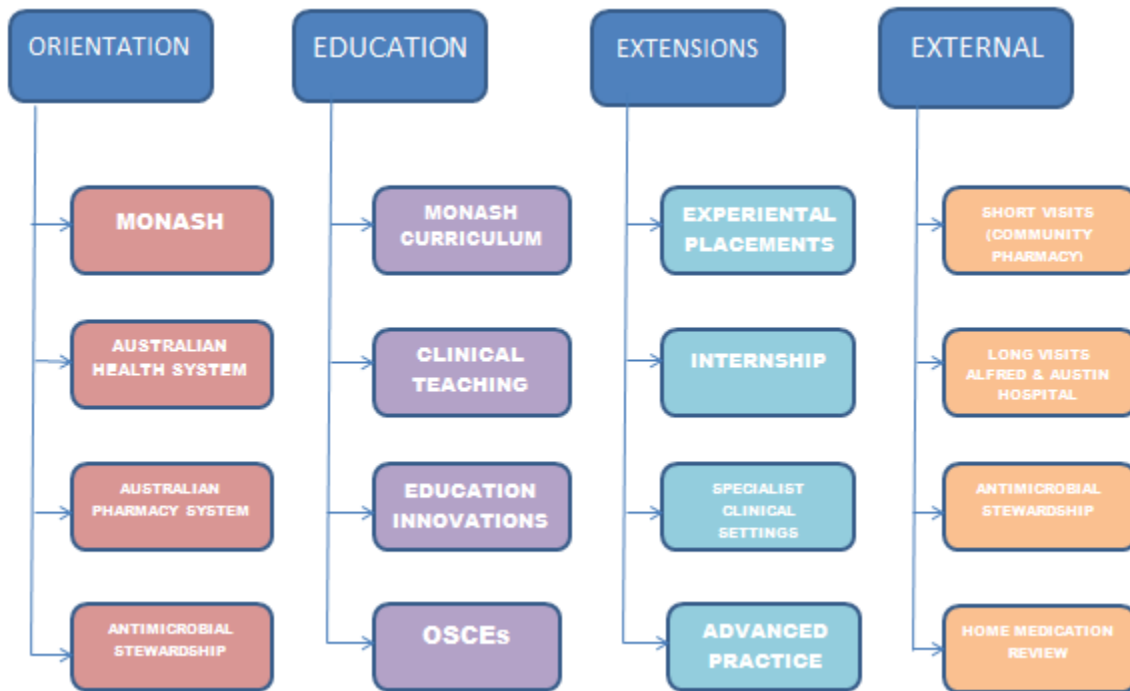
### Section 2: Original learning objectives

1. Strengthen pharmaceutical services and pharmacy education
2. Advocate and disseminate evidence-based guidance, consensus-based standards, tools and resources for pharmacy educational enrichment
3. Put forward the review of Clinical Pharmacy Subjects and Course outline for enhancement of instruction.
4. Conduct research regarding Clinical Pharmacy Services and Education Preparedness (Davao) in comparison to Australian Clinical Practices
5. Heighten Learning Strategies gained from Monash University to increase student involvement and enhance clinical skill acquisition.
6. Advocate clinical pharmacy practice, Infection Control, Antimicrobial Stewardship and Medication Management among different Pharmacist in Mindanao
7. Discuss career and internship opportunities perceived in Australia for foreign graduates and students

### Section 3: Actual Learning Outcomes

1. Examine the Monash University's Curriculum and its Education innovations
2. Analyze the Australian Health System, Australian Pharmacy System and Antimicrobial Stewardships Programs
3. Assess the Experiential Placements, Internship, Specialist Clinical settings and Advance Practices of Monash University
4. Critique the community and hospital pharmacy practices through short and long visits with the different establishments
5. State the learning and experiences in the one-month training through reports
6. Design series of seminars and workshops using the experiences from the program

## Section 4: Details of Educational Programmes



### UPbeat and Life- changing Experience DOWN Under

Last October 21, 2015 to November 21, 2015, the University of the Immaculate Conception in its goal to strengthen Pharmacy education and experience some of the best pharmacy practices in the world sent Ms. Ferlien G. Baula and Ms. Cherrie G. Muana, full time faculty of the Pharmacy Program to undergo a one- month training at the Monash University under the supervision of John Jackson (President of Western Pacific Pharmacy Pharmaceutical Forum, Director of Project Pharmacist at the Faculty of Pharmacy and Pharmaceutical Sciences, Monash University and Director of the Australian Pharmacy Council.) As they were the pioneering recipients of the Faculty Exchange Program of the UIC, for them the process has been very tedious and thought-provoking from the very start. The idea of getting international exposure and training abroad came about through the vigilance of Dr. Ma. Eva C. San Juan (then Dean of the Pharmacy Program), who generate proverbial push to Ms. Baula and Ms. Muana to find an institution where they can have exposure to the best practices of Pharmacy. Together with the inspiration from their colleagues, they applied at the FIP Pharmabridge Program. Providentially, Agathe Wehrli, the FIP Pharmabridge Coordinator promptly gave them a positive response and forwarded the application to John Jackson of Monash University in Melbourne, Australia.

The success of the program was primarily due to the astute organization and wisdom of John Jackson and the vibrant Faculty of Pharmacy and Pharmaceutical Sciences of Monash University for welcoming us and sharing their expertise. In addition, the training consisted of orientation on Monash University, the Australian Health System, the Australian Pharmacy system and Antimicrobial

Stewardship. Besides, the rich experience brought about by the training, it also included in-depth learning of the Monash Curriculum, Clinical Teaching and Education innovations such as the Objectively Structured Clinical Evaluation (OSCEs). Furthermore, the experiential placements, internship program, specialist clinical settings and advanced practiced programs have also been shared with us. There was also an opportunity to conduct short visits to urban and rural community pharmacies and hospitals such as the Stawell Hospital at a rural setting, Royal Children Hospital, Royal Melbourne Hospital, Chemmart, Chemist Warehouse, and John Raveck Pharmacy for an urban type of pharmacy. Boundless experience has taken place during the long visits at two of the big Public Hospitals of Melbourne. Limitless, in the four- days training at the Alfred Hospital, Ms. Baula and Ms. Muana have the chance to practice and hone their clinical skills with the clinical pharmacists of the different areas such as Intensive Care, Surgical and Trauma, Neurosurgical and General Medicine units. Also, they attended lectures about the special programs of the hospitals such as the Smoking Cessation, Case Studies on Infectious Diseases and Medication Management System. Additionally, there was also a thorough discussions about the Antimicrobial Stewardship program of the hospital. They also had two striking exposure days at the Austin Hospital. There was an opportunity to go on rounds with their Emergency Care Pharmacist and Infectious Disease Pharmacist, Doctor and Consultants. Beneficially, on their last week in Melbourne, they had a chance to attend Victorian Antimicrobial Stewardship Forum which was sponsored by the Victorian Department of Health and Human Services.

As an added icing to the cake of learning and experiences, Ms. Baula and Ms. Muana had a chance to visit the different tourist attractions of Melbourne, Australia namely the Royal Botanical Garden, Melbourne Cricket Ground, Federation Square, Queen Victoria Market, and Shrine of Remembrance. As well, the haunting free ride in the city tram is joyfully reminisced.

In a nutshell, the training was for lack of better words, both thriving and stimulating. It left Ms. Baula and Ms. Muana grateful of the blessings and opportunities that were given them. Also, it made them realize that our country needs champions who would lead the advancement of Pharmacy Practice and that it would best start from educating the next generation of pharmacists. Finally, they will remain forever in debt to John Jackson for his hospitality and generosity in imparting wisdom in the pharmaceutical field.

**Section 5: Action plan (short, medium, long term plans) tabulate**

<b>Learnings from:</b>	<b>Short term</b>	<b>Medium Term</b>	<b>Long term</b>
<b>Australian Health System</b>	Orient the students and teachers on how the Philippine health system works.	Present a proposal to the Pharmacy Organization and discuss things to be done in the future for more upgraded services.	To place education of pharmacy students within the context of the health system and for Philippine students to have greater knowledge and capability regarding the local health system
<b>Australian Pharmacy System</b>	Meet and discuss with PPHA regarding the experiences in Monash and Melbourne.	Conduct lectures to community pharmacists regarding the importance of their role in Preventive care approach.	Development of regional competency framework that will harmonize all hospitals with clinical pharmacy services.
<b>Antimicrobial Stewardship</b>	Discuss with the students and clinical pharmacists the means and processes applied in order to promote and preserve antibacterial usage.	Establish data on antimicrobial usage through conducting studies among different hospitals in Davao city using the research agenda and tools learned from Austin and Alfred Hospital.	
<b>Monash Curriculum</b>	Re-echo the Monash curriculum and way of education to the Pharmacy department and discuss the similarities and differences in the system.	Convene all teachers and create graduate outcomes leading to become effective clinical pharmacists.	Upgrade ELMS with Pharmacy program section. Content includes clinical guidelines adapted and applicable in the Philippines.  Distribute leaflets, and different community driven activities to promote confidence of the students and train them become an effective one.  Encourage regular inclusion of risk assessment project by

			the students in the community, such as diabetes and cardiovascular risk assessments, as part of their grades.
<b>Clinical Teaching</b>	<p>Orientation on clinical teaching to the Pharmacy Program</p> <p>Organize trainings on how to become an effective clinical instructor.</p>	<p>Create defined preceptor manual</p> <p>Online platform for clinical teaching</p>	
<b>Education Innovations</b>		Discuss with the IT department the upgrade of the University website, incorporated with drug information services in the Pharmacy page.	
<b>OSCE's</b>	Orient Pharmacy Program regarding the proper way to conduct OSCE.	Develop and design Cases for OSCE based in the Philippine Setting.	<p>Introduce OSCE as part of the grading system for some major subjects and the comprehensive examination of the students.</p> <p>Construction of a venue conducive for an OSCE routine.</p>
<b>Experiential Placements and Internship</b>	Meet all pharmacy faculty regarding the development of preceptor manual	Develop and design a standardized preceptor manual as well as student internship manual	
<b>Community and Hospital Pharmacy Experiences</b>	<ol style="list-style-type: none"> <li>1. Discuss to the pharmacy faculty about the importance of Drug Information center</li> <li>2. Conduct a meeting with the Philippine Pharmacist</li> </ol>	<p>Conduct series of seminars for the pharmacists:</p> <ol style="list-style-type: none"> <li>a. OSCE training for Pharmacists</li> <li>b. Heightening of Medication Management Systems in</li> </ol>	<p>Collaborate with the Philippine Pharmacists Association regarding the:</p> <ol style="list-style-type: none"> <li>a. Creation of Therapeutic Guidelines of all the medications found in the Philippines</li> <li>b. Developing A Good</li> </ol>

	Association Davao Chapter and Philippine Society of Hospital Pharmacist Officers of Davao and discuss with them regarding the ff: a. Drug Information Center b. Development and Evaluation of Antimicrobial Stewardship Programs c. Enhancement of Medication Management System d. OSCE training for Pharmacists e. Blood Pressure and Glucose Monitoring Training f. Research Skills of Pharmacists g. Share about FIP Pharmacy Academy	Community and Hospital Pharmacies c. Share with them about the best pharmacy practices of Alfred and Austin Hospital	Philippine Antimicrobial Prescribing Policy
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**Section 6: Conclusion** (recommendations/feedbacks, acknowledgement and conclusion)

The experiences we had in Monash University and with the different institution in Melbourne for a month is worth more than a million, it was an opportunity that comes very seldom and we are very lucky to have experienced it. The very least we can do is to share it, but it is very significant therefore it should not wither through time. The only way to immortalize it is to bring change through it. We divided our experience into four sections as illustrated above. We would like to acknowledge the efforts of Mr. John Jackson for the very intensive and complete package he had prepared for us. It is very overwhelming. All of the faculties in the Pharmacy Department were very accommodating and were very generous. They all shared to us the system of education in Monash. If we had to recommend something, maybe the time of exposure is best if the scholars can witness the actual lectures with in/during the semester. Due to preparation for Examinations and Semestral breaks, we were not able to witness the actual lectures. But it was also a good opportunity to witness the OSCE preparations and actual OSCE as well, also an ample time to talk with the faculties. Every strategy they have in Monash were discussed to us, they even shared us references and technologies to use in our University.