



PEPLN News

Pharmacy Educator Peer Leader Network (PEPLN)

April 2015

Volume 3

Table of Contents

Introduction	1
New Project Participants	1
PEPLN by Numbers	1
Feedback from Student Users	2
Innovative Student Contests	2
Upcoming Presentations	3
Looking Ahead	3
General Information	4

Introduction

WELCOME to the 3rd edition of the PEPLN Newsletter. PEPLN is an initiative undertaken by AFPC in partnership with Canada Health Infoway (Infoway) to foster integration of the Informatics for Pharmacy Students e-Resource within pharmacy programs, and to highlight emerging trends in Digital Consumer Health. This issue includes information about New Project Participants, feedback from student users, innovative contests and more

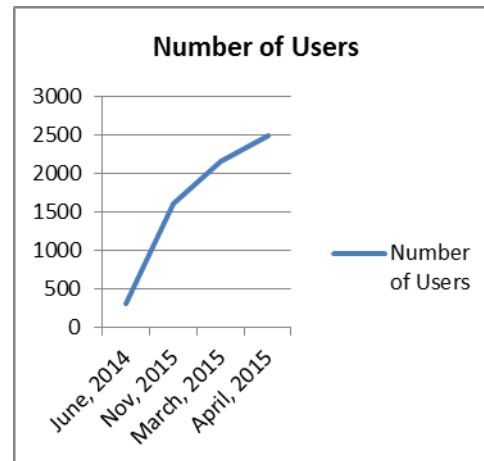
New Project Participants

We are pleased to announce the addition of 2 new pilot projects within the PEPLN initiative.

- 1) **Pharmacy Technician Training Programs**
Students from 2 Pharmacy Technician Training programs are accessing various sections of the e-Resource - Nova Scotia Community College (44 students) and Stenberg College in Kamloops (30 students). These pilot projects will provide valuable information about utility of the e-Resource in pharmacy technician training programs and what customizations to the e-Resource may be required for optimal use by this group. Initial feedback has been very positive.
- 2) **Practicing Pharmacists/Preceptors**
A small pilot project is underway with pharmacists at 2 pharmacy locations. This pilot project will provide preliminary information regarding use of the e-Resource by preceptors and as a potential Continuing Professional Development option.

PEPLN by Numbers

The *Informatics for Pharmacy Students – e-Resource* was officially launched in January, 2014. Since initiation of the PEPLN project, the number of users has continued to grow! By the end of April 2015, the e-Resource had enrolled 2495 individuals!



If you haven't already done so, you may access the e-Resource at: <http://afpc-education.info/moodle/index.php>



Feedback from Student Users

Some feedback received from students across the country:

"I enjoyed the outline of the domain. It was really easy to follow."

"Approach allows the user to move at their own pace. Links to external resources made it easy to get more information right away."

"Suitable for many work sites."

"The interactive quizzes affirmed I had learned the valuable information from that section of the module."

"Very relevant information to the day-to-day workday of a pharmacist in the hospital and community field."

"The various external sources of information was very helpful and help clarify information presented in the module."

"I like how the information was organized as it was easy to digest."

"I liked the interactive activities that were integrated in the module (i.e. cases, multiple choice questions)."

"I liked that there was an equal balance of visuals and reading."

"Every now and then, there'd be a video which made the information easier to absorb, and the interesting facts also kept it current."

"I liked the patient case studies."

"I don't remember learning much about these topics, so it would be very beneficial to incorporate them into the curriculum at some point of the program."

"I liked the applicability of the module to all practice, as well as the national look, not just provincial."

"I liked the variety of topics that were presented throughout the module, and while still remaining relevant to the overall theme."

Innovative Student Contests

Two pharmacy faculties held innovative student competitions related to integration of the e-Resource and Consumer Health Priorities. Congratulations to the winners and all entrants!

University of British Columbia

Marion Pearson organized an "e-Health Team Challenge" for students in their 4th year Pharmacy Management course coordinated by Alan Low. Working in teams, students were required to create a business case for a novel clinical service with incorporation of associated e-health technology. Congratulations to the winning teams:

- Term 1 - Katherine Go, Nathan Kellock, Lisa Leung, Jennika Louie, Gary Tse, Ricky Wu and Flora Yu for their proposed web-based service for baby boomers and seniors to consolidate personal health information
- Term 2 - Emma Attfield, Christopher Chan, Julia Cheong, Ivy Fung, and Wendy Luong for their proposed web portal for menopausal women with educational resources, tips, consultations with a pharmacist, and a place for women to share their experiences.

University of Saskatchewan

Jeff Taylor at the University of Saskatchewan invited students to participate in a local e-Resource contest - "Technology for Patient Care". Congratulations to the winner, Terri Anne Gibson, a second year student, who developed a site for mothers to turn to for medication advice! It relies heavily on social media for its delivery.



Upcoming Presentations

The PEPLN initiative will be featured in presentations at the following upcoming conferences:

- ✓ Canadian Pharmacy Technician Educators Association (CPTTEA) Conference - May, 2015 – Bev Stotz and Karen Shelton
- ✓ e-Health 2015 COACH Clinician Forum Symposium – May, 2015 – Marie Rocchi
- ✓ American Association of Colleges of Pharmacy (AACCP) Annual Meeting - July, 2015:
 - Workshop - *Using an e-Resource in Informatics Education and Assessment for Pharmacy Students* – Lisa Bishop and Marie Rocchi
 - Poster Presentations:
 - *An innovative faculty development workshop using a pharmacy educator peer leader approach* – Lisa Bishop, Marie Rocchi
 - *Evaluation of an e-Resource in Pharmacy Skills Courses* - Teri Charrois, Ken Cor
 - *Implementation and Evaluation of an Online Informatics Resource through an E-Health Team Challenge* – Marion Pearson, Alan Low, Judith Soon, Matthew Chiang and Jaswinder Kaur
- ✓ Stanford Medicine X/ED 2015 digital health education conference - Sept, 2015 – Kelly Grindrod

3

Looking Ahead

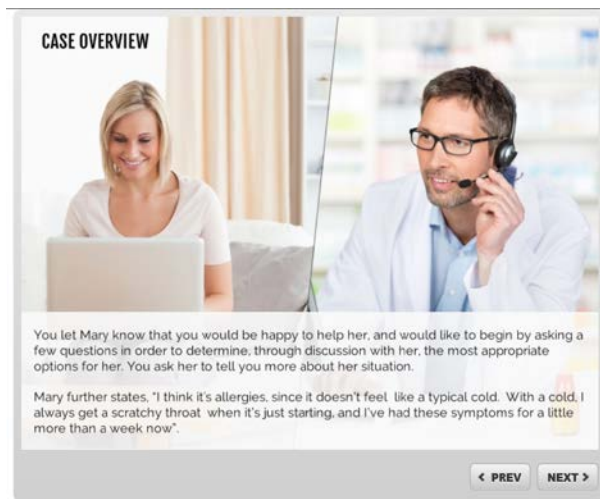
As part of the project's focus on Consumer Health, Marie Rocchi from the University of Toronto and Jeff Taylor from the University of Saskatchewan are collaborating to create three new Virtual Patients for the e-Resource that will allow students to:

- utilize clinical decision supports for virtual patients with Minor Ailments (Allergic Rhinitis, Cold Sores and Headaches)
- visualize how digital consumer health solutions (e-visits, e-scheduling and e-refills) allow pharmacists to deliver secure, private patient-centered care
- appreciate the importance of continuity of care through electronic health records

Four students from the University of Toronto are involved with case development (Caitlin McIntyre, Ryan Marko, Matthew Richler and Stephanie Youssef), some based on Amanda Daniel's work at the University of Saskatchewan. Danny Wong (a recent graduate of the University of British Columbia) is rendering the virtual patients in the pharmacy of the future!

(see sample screen shots on following page)





General Information

Infoway's Consumer Health Program priorities include:

- **e-visits** – secure messaging between patients and their care providers
- **e-views** – patient/informal caregiver access to personal information
- **e-renewal/e-refill** – patient initiated electronic requests for prescription renewals/refills
- **e-scheduling** – electronic patient self-scheduling with their community or ambulatory care based clinician
- **remote patient monitoring** – delivery of health care to a patient's home, made possible by connecting the patient and a health care provider through a technology device

e-Resource Domains (with example topics) include:

1. **Concepts and Context in Pharmacy Informatics**
(*Pharmacist's Role & Informatics, Drug Information and Patient Records, e-Health, Trends and Influences*)
2. **Information Management & Technology**
(*Information in Healthcare, Computational Thinking, Technology, Pharmacy Practice Management Systems*)
3. **Knowledge Management & Technology**
(*Electronic Resources, Documentation, Automation, CPOE & e-Prescribing*)
4. **Privacy, Security & Confidentiality** (*Legal, Ethical & Regulatory Frameworks: Theory and Application*)
5. **Consumer Health Informatics** (*Health Literacy, Social Media, Self Care*)

Project Team

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