



PHARMACISTS' TRAINING IN CANADA: POSTCARDS FROM THE FUTURE

THE FUTURE ENTRY-TO-PRACTICE PROGRAM TOWNHALL

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A. TERMS:

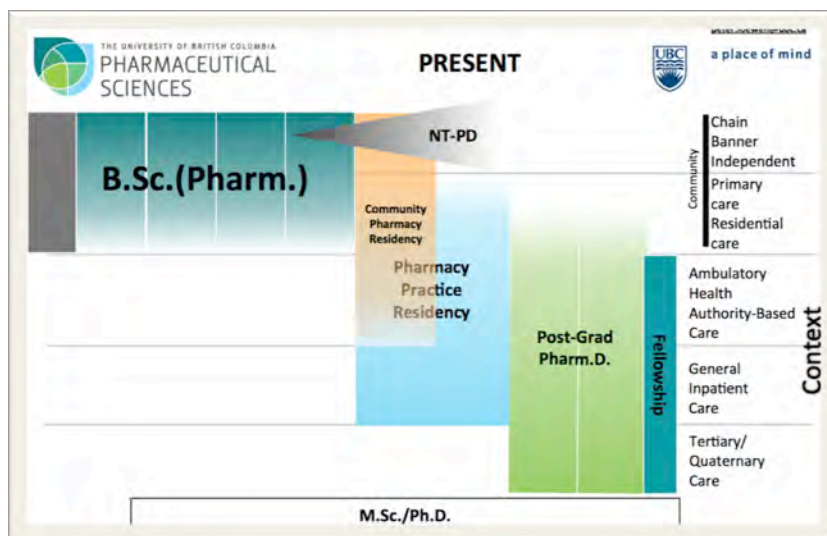
- **E2P-PD:** an entry-to-practice Pharm.D program. This Pharm.D degree is not equivalent to the current UBC PG-PD program (see below).
- **NT-PD:** Non-traditional Pharm.D program; describes the program by which B.Sc graduates received extra training to attain a Pharm.D standing
- **PG-PD:** Post-graduate Pharm.D program; describes the current Pharm.D program at UBC

B. PRESENTATION:

B1. What the current scene across Canada is like:

- The University of Montreal graduated its first E2P-PD class with ~200 students in 2011
- The University of Laval entered its first class of E2P-PD in 2011 with expected graduation in 2015
- The University of Toronto and the University of Waterloo recently got their E2P-PD program approved. Their current 1st and 2nd year students have been merged into their E2P-PD program and will graduate with Pharm.D degrees in 2015 and 2016, respectively
- Other universities modifying their programs: Memorial, Saskatchewan, Manitoba, Dalhousie

Diagram 1: Comparing the current programs at UBC in terms of task complexities

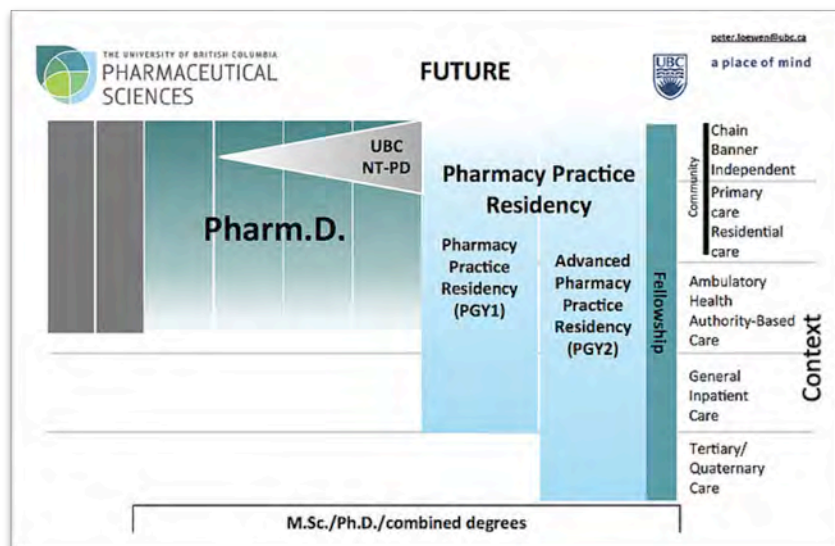


*All the diagrams can be found at <http://wiki.ubc.ca/Documentation:E2P-PharmD>

→ Requires CWL to access



Diagram 2: Comparing the projected programs at UBC in terms of task and patient complexities



B2. Changes to be noted in the projected program model:

- The E2P-PD program aims to take students to more complex levels
- The traditional Pharm.D program has been removed
- The Pharmacy Practice Residency is being transitioned into the PGY1 and PGY2 residency programs
- The NT-PD is being introduced for existing B.Sc graduates to update to the Pharm.D level

B3. Future E2P-PD program possibilities:

- May offer combined degrees: Pharm.D/MPH (M.Public Health), Pharm.D/JD (Law) etc.
- Length: 2 years undergraduate prerequisite + 4 year pharmacy school
- Curriculum will include:
 - Interpreting and ordering lab tests
 - Conducting physical assessment
 - More on medication management
 - More experiential learning (40 weeks) and in more diverse settings
 - 24 of these weeks will be in 4th year
 - Compare to the current B.Sc program which offers 20 weeks of experiential learning with 12 of these weeks in 4th year
 - More interprofessional learning opportunities
 - Also promoted by UBC
- Students can choose different pathways (i.e. specializations) in: patient care, therapeutics, industry, research (basic research or pharmaceutical sciences)
 - The pathways will influence course curriculums and rotations, especially in the upper years
- Each program year will have more credits than currently



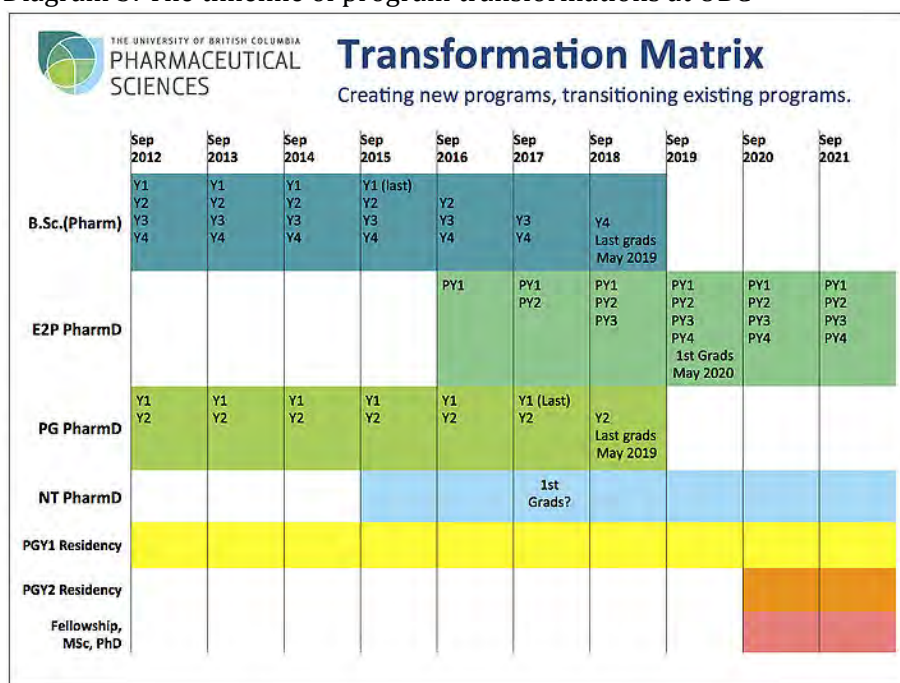
B4. The Projected “Non-Traditional Pharm.D” Degree

- Goal is to prepare pharmacists for primary care and community based care
 - Equivalent to a “post-graduate pharm.D degree”
- This program will be created AS SOON AS POSSIBLE, possibly before the first class of E2P-PD students are admitted
- The program will be flexible in timing/scheduling to allow for practicing pharmacists to enroll in the program also

B5. Timeline:

- 2015 September is the last class of B.Sc enrolled
- 2016 September is the first class of Pharm.D enrolled
 - This projection may be pushed 1 or 2 years early...
- The current PG-PD program will continue to exist as long as there is demand

Diagram 3: The timeline of program transformations at UBC





C. Q&A SESSION:

(NOTE: THE Q&A ITEMS LISTED BELOW ARE THOSE WITH DEFINITE ANSWERS AND IS NOT COMPREHENSIVE. REFER TO THE LECTURE CAPTURE FOR THE COMPLETE DISCUSSION)

C1. What is the availability/enrollment capacity of the NT-PD program?

- Unsure at this point; perhaps 30 for their first class (this number is a wild guess)
- Capacity depends on the availability of rotations/preceptors
- Admission may be on a rolling basis
- Much of the NT-PD program will be done as distance learning
 - i.e. Students in the program will not be at the same place in the curriculum or progress through the curriculum at the same pace

C2. What will be the tuition of the NT-PD program?

- Current tradition PD program: \$44k for 2 years
- Toronto's current PD program: \$38k for 2 years
- NT-PD program will be comparable to the current tuition prices

C3. Will the NT-PD program have "pathways" like the E2P-PD program?

- i.e. Will there be pathway options other than primary care and community-based care?
- Not sure
- If B.Sc graduates would like to specialize in industry or research they should probably go for the Masters or Ph.D programs

C4. Will there continue to be an Entry-to-practice B.Sc program to fill in the job opportunities that don't require as much training?

- No. Just E2P-PD

C5. How does E2P-PD compare to B.Sc+Residency program?

- See diagram 2
- For institutional practice, residency program is still ideal
- E2P-PD + PGY1 will be comparable to B.Sc + Residency
- B.Sc students will also be able to complete the PGY1 and PGY2

C6. What will be the class size of the E2P-PD program?

- Unsure.

C7. Will students still be able to transfer out of the E2P-PD program for medicine or dentistry (as students in the B.Sc program are currently doing)?

- Nothing deliberate will be done to prevent students from transferring out