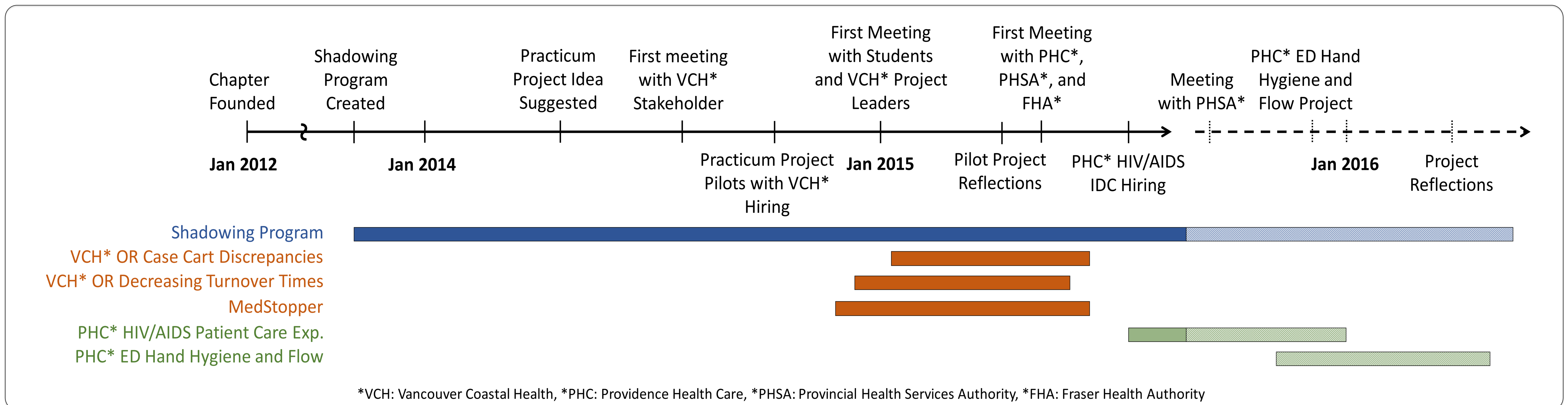


Authors: Melissa M. Wan, B.Sc. Candidate; Hiu Kan Cheung, B.MLSc. Candidate; Marissa Mar, M.H.A., B.A.;
Andrea Jones, M.D./Ph.D. Candidate, B.Sc.; Jenna Smith-Forrester, M.D. Candidate, M.Sc, B.Sc.

Faculty Advisors: Andrew Wray, M.H.A.; Dr. D. Douglas Cochrane, M.D.; Dr. Malcolm Maclure, Sc.D.; Lesley A. Bainbridge, B.SR. (P.T.), M.Ed., Ph.D.

Overview



Background

The success of our IHI UBC Shadowing program has shown that undergraduate and graduate students are passionate about improving the current quality of care.

Many participants have requested the creation of long-term, practical projects to both complement their learning and open up career opportunities.

Mission

To provide both short-term and long-term practical opportunities for UBC students to learn from and contribute to the work of QI health care professionals in Vancouver, British Columbia, Canada.

January 2015 Pilot Projects

Students were self-guided with support from staff, the IHI Open School Quality Improvement Practicum Course (QI 201), and IHI UBC co-directors.

↓ OR Turnover Times

Summary

- Created protocol to improve communication between healthcare professionals, cleaners, and other staff
- With use of protocol, decreased turnover time by 4 min.

↓ OR Case Cart Discrepancies

- Modified an existing highlighting communication system to improve interdepartmental communication
- Updated surgical case cart sheets

MedStopper

- Evaluated effectiveness of the MedStopper tool in reducing polypharmacy in a senior care home
- Changes to user interface made
- Tool is now available online

Student Team	MHA, RN MBA, BASc	BSc Pharmacy BA Psychology	MHA, BSc Biology BSc Pharmacology	MD, BSc Microbiology BSc Computer Science	BSc Kinesiology BSc Pharmacology	BMLSc BSc Integrated Science
--------------	----------------------	-------------------------------	--------------------------------------	--	-------------------------------------	---------------------------------

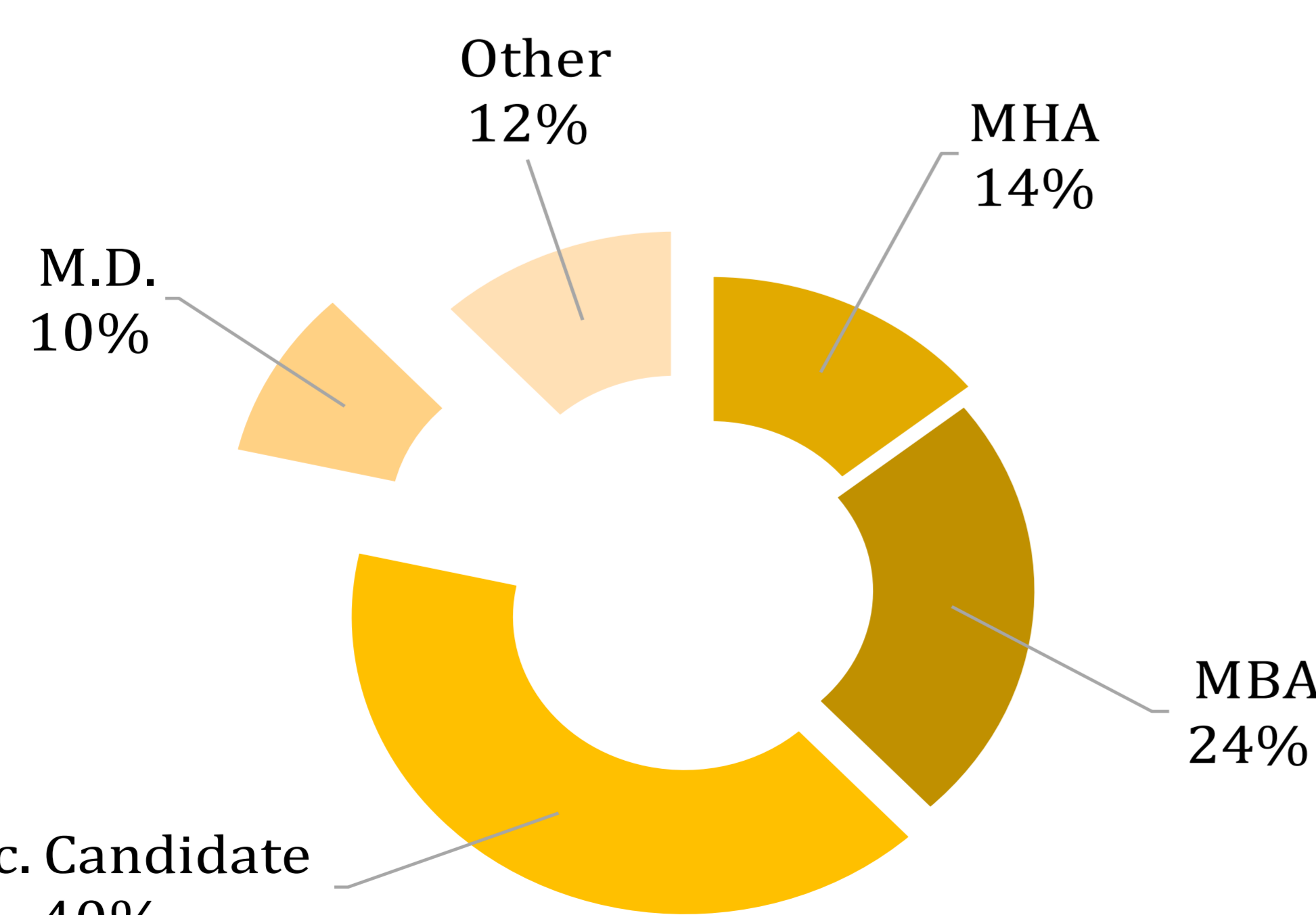
Recruitment

Stakeholders

VCH's Quality and Patient Safety's Releasing Time to Care initiative, and "The Productive Operating Theatre" (TPOT) team.

Dr. Malcolm Maclure & Dr. James McCormack

Student Applicant Demographics



Lessons Learnt

Challenges

- Integrating student-centered objectives and institutional outcomes
- Breaking down initial barriers between students and staff
- Structured vs. flexible projects?
- Dissemination of results and experiences
- Are the projects too short to be able to implement and sustain meaningful change(s)?

Student Feedback

"Our interdisciplinary background lent itself to....new perspectives"

"[I worked] with...a team of people from different fields than me but with the same interest in improving healthcare, one small step at a time."

Staff Feedback

"I liked having the opportunity to share our... challenges with the students and... to hear their perspectives of our challenges."

Future Plans

We currently have 4 projects ongoing with PHC and PHSA!

We plan to introduce the practicum as an option for UBC MD students to participate for school credit as part of the "FLEX" program.

Acknowledgements



Linda Dempster
Felicia Laing
Andrea Gilliver
Sandy Kwok

Camille Rozon
Elise Roaf
Vickie Lau



Dr. Martin Freedman

Dr. James McCormack

Alan Cassels