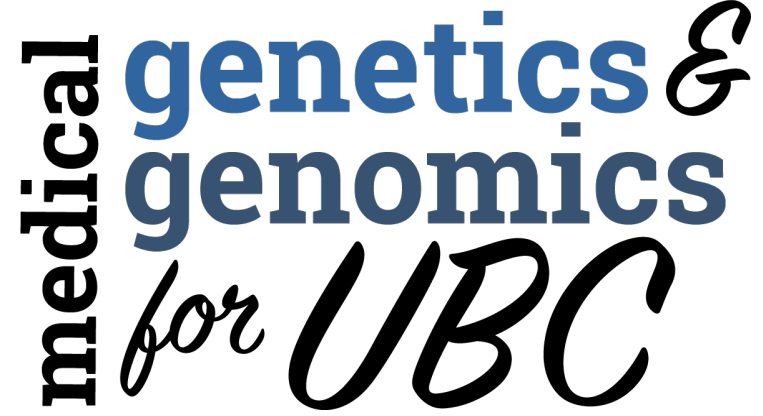


Online Genetics and Genomics Teaching for Nine Health and Social Care Programs at the University of British Columbia (UBC)



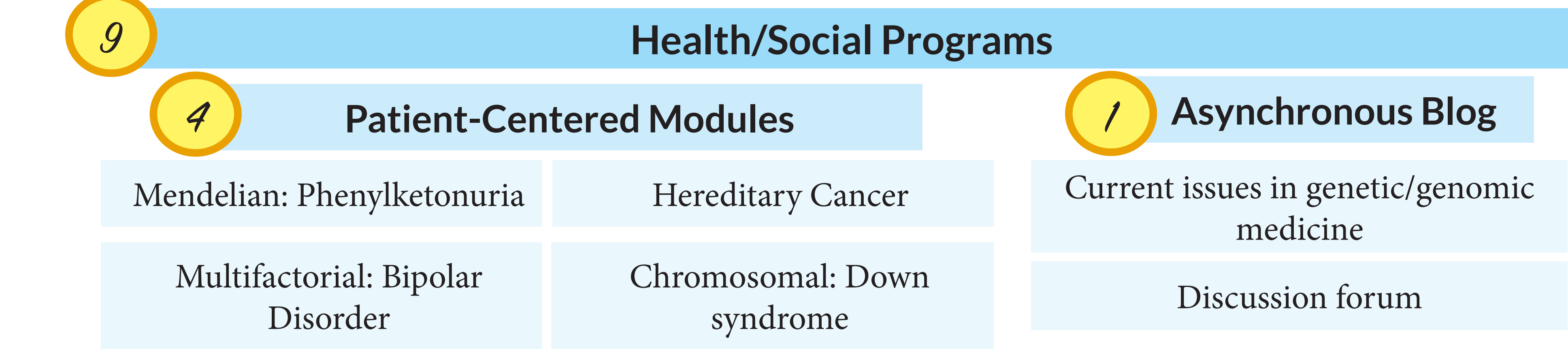
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1. University of British Columbia, 2. UCSF/UC Berkeley

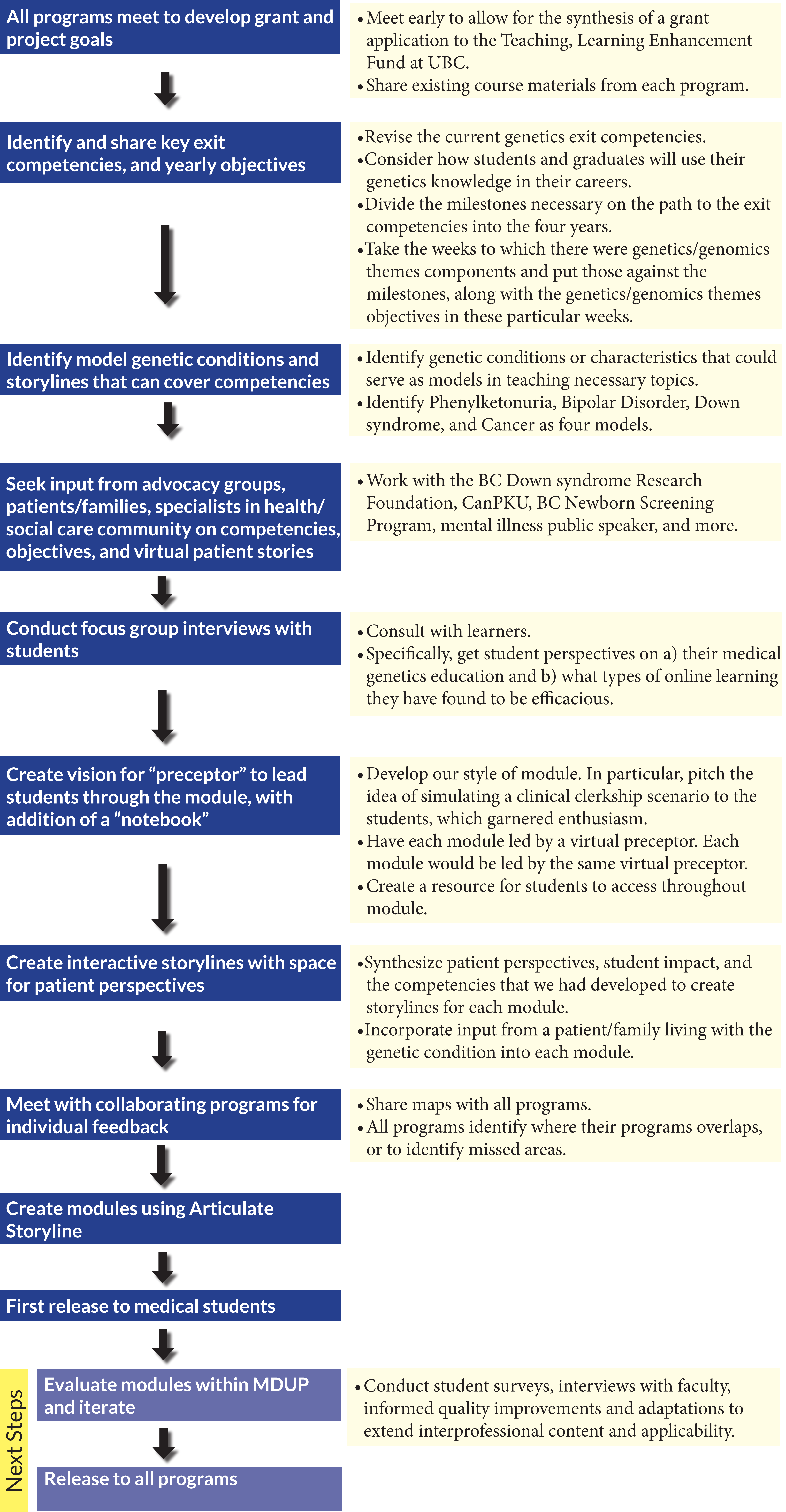


INTRODUCTION

Genetics and genomics competencies are increasingly relevant to students of health and social care. It was discovered that (a) similar curricula in these areas were being developed in parallel in programs across UBC and (b) these lacked interprofessional collaboration. We brought leaders and students from nine programs together to develop online modules and to create an interprofessional discussion forum. We have used online teaching to enable synergies across the nine programs, thereby aligning learning in genetics and genomics and embedding interprofessional learning. From an instructional perspective, the unique aspects of teaching online are highlighted. From a sustainability perspective, involving student users, patients and community groups in the development was paramount to success.



PROCESS

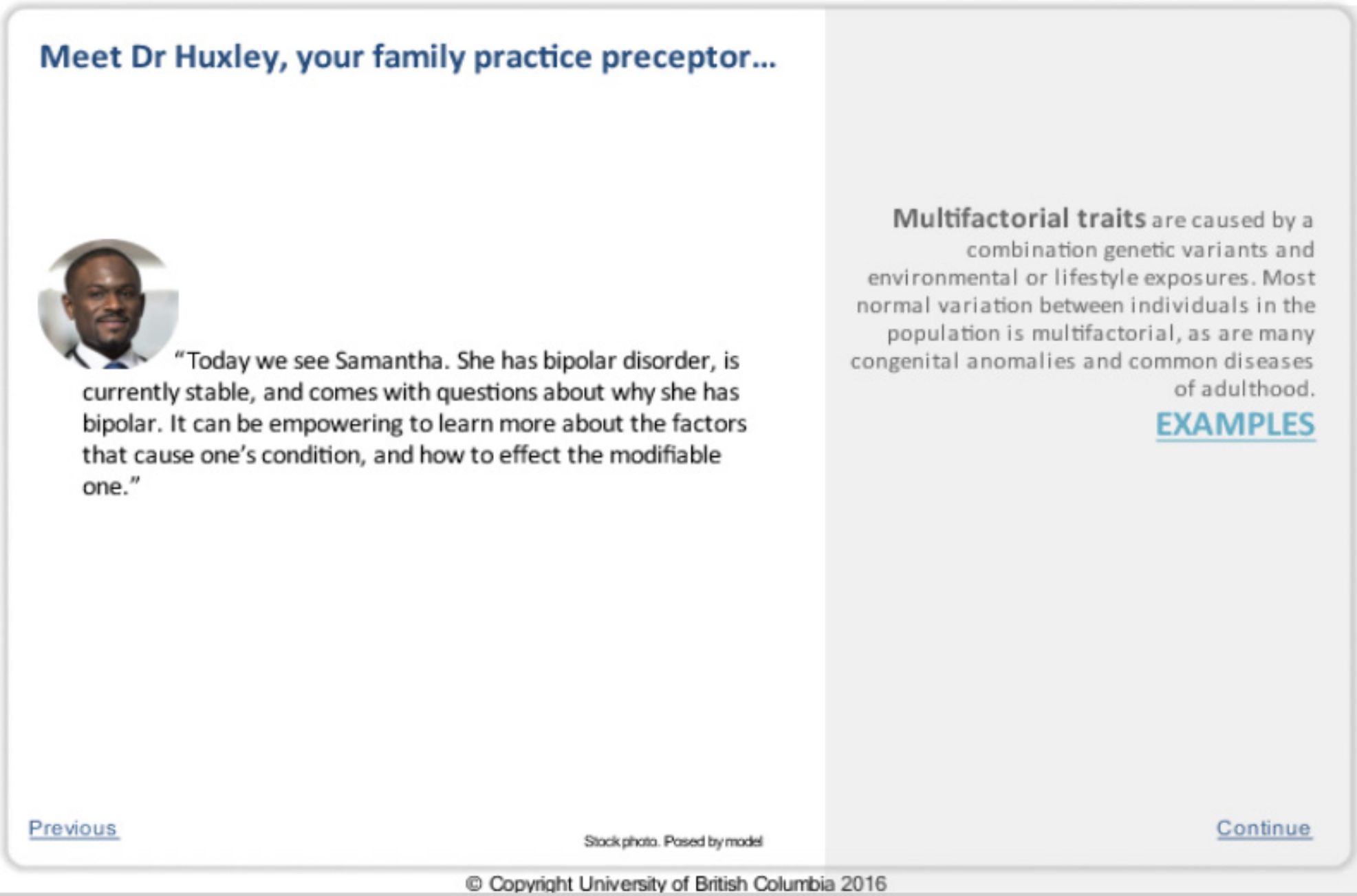


PARTICIPATING PROGRAMS

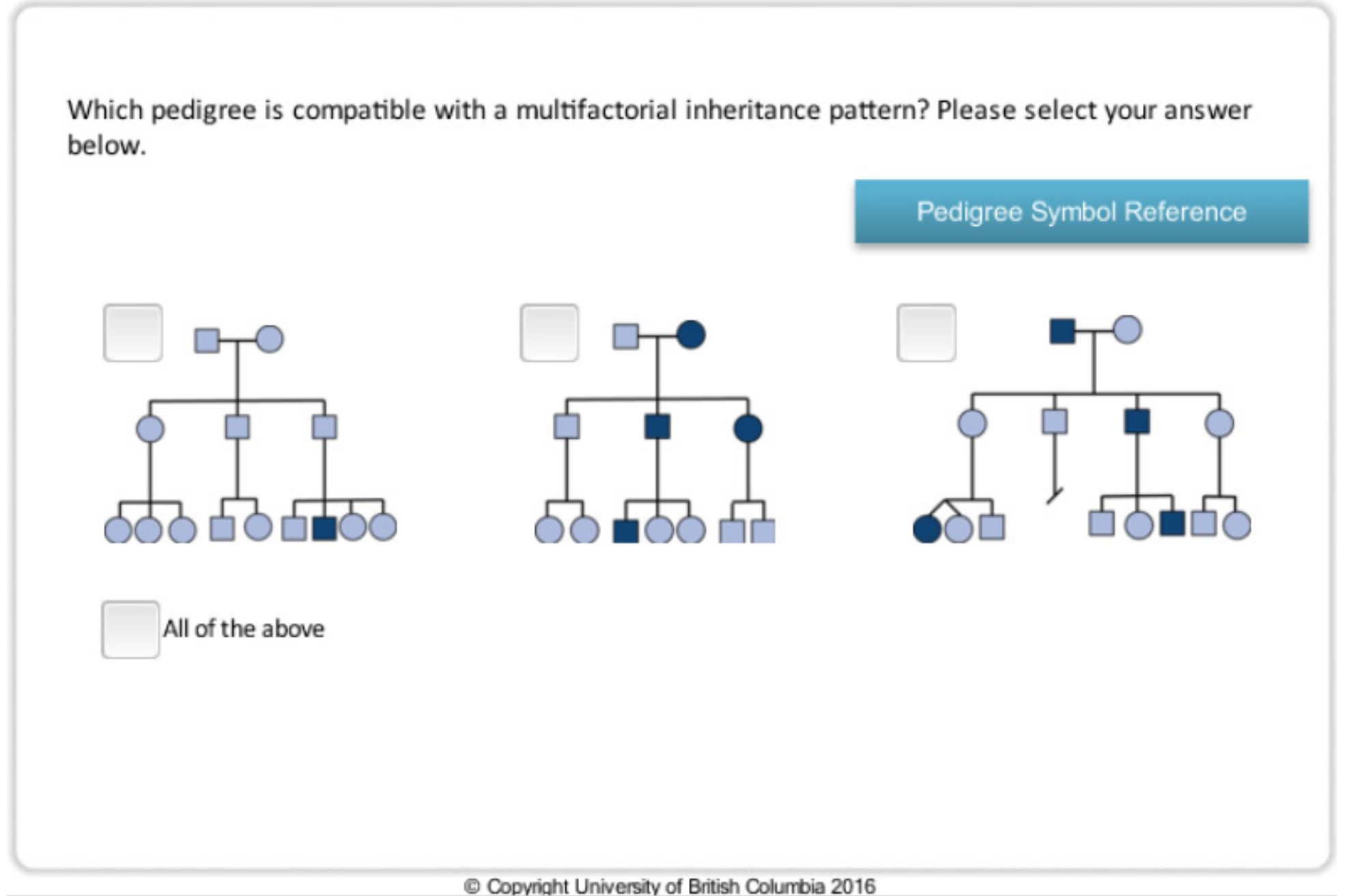
Genetic Counselling, MD Undergrad Program (MDUP), Medical Laboratory Scientist Training Program, Medical Genetics Undergraduate Courses, Midwifery, Nursing, Occupational Therapy, Physical Therapy, Social Work

MODULES

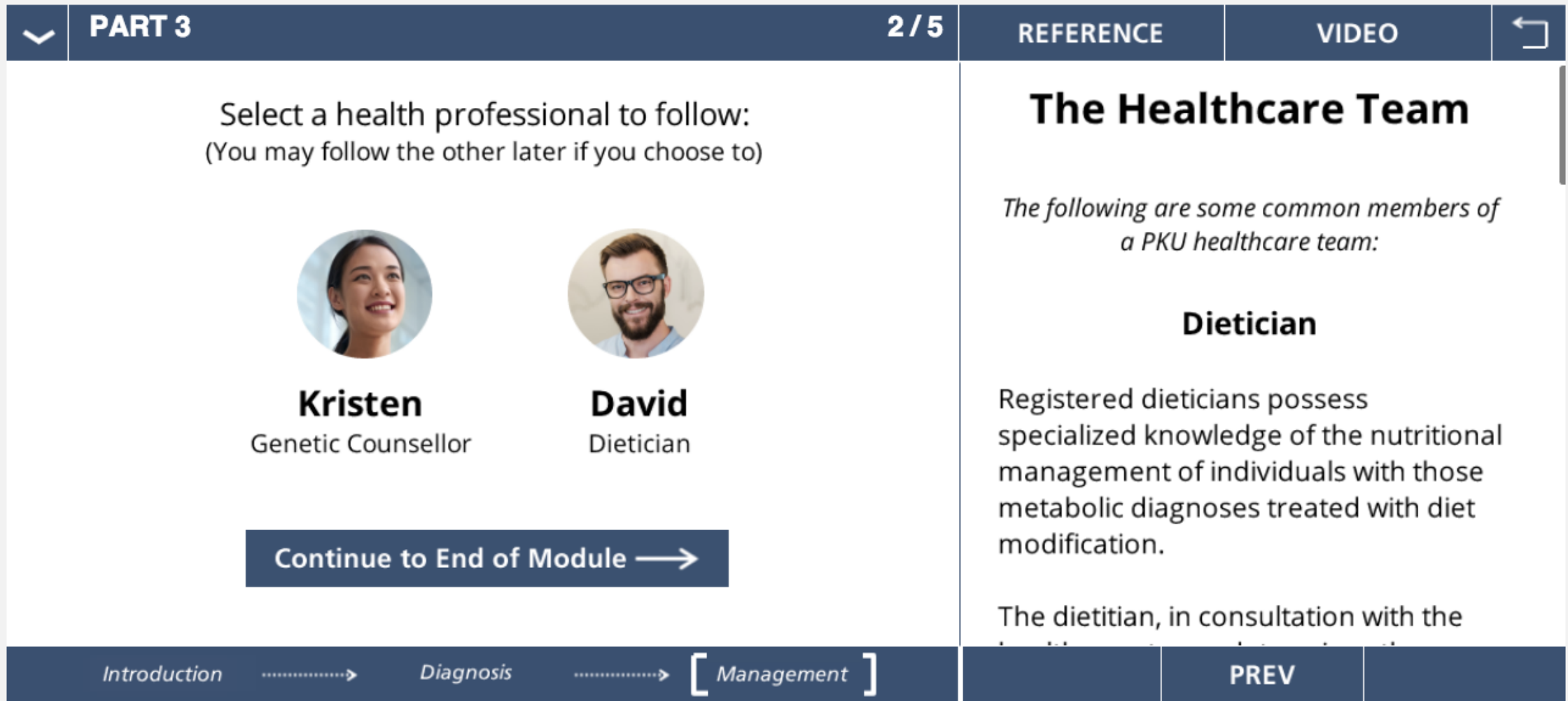
Each module opens with an introduction by the preceptor to the case. The right most box contains “science” material, whereas the main box (left) contains the clinical scenario.



Students are quizzed throughout the modules. If possible, students are given resources to the solve the problems within the slide if they need them .

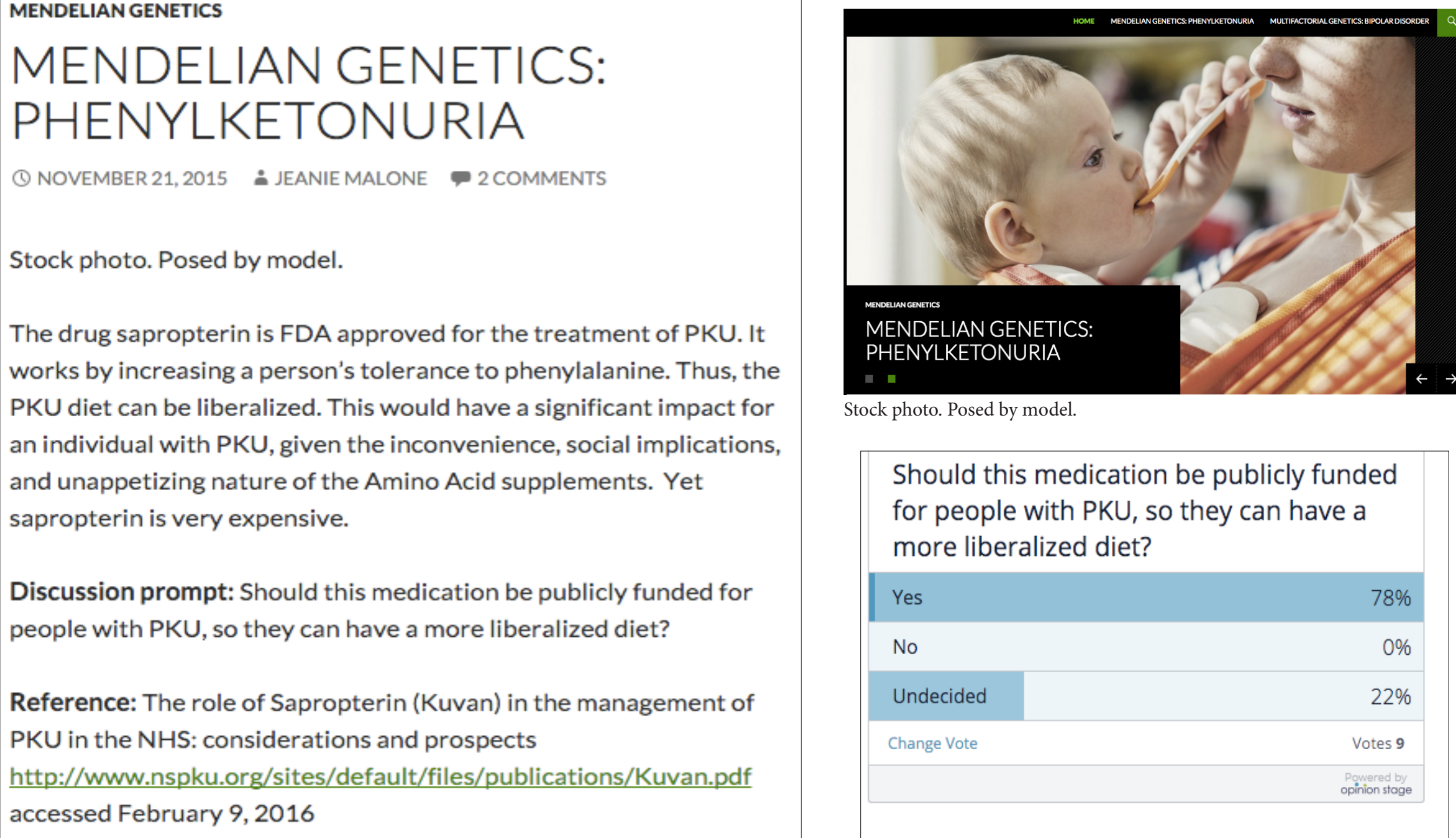


Throughout the modules, students have opportunities to learn about how other professionals interact with the patient.



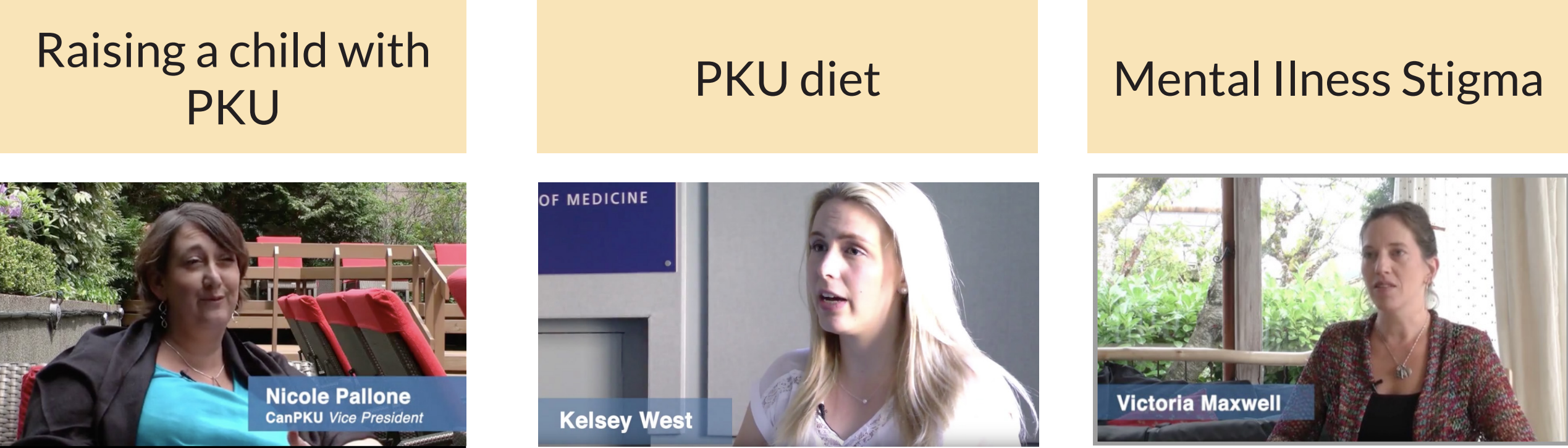
BLOG FOR ASYNCHRONOUS SHARING OF IDEAS BETWEEN LEARNERS, EDUCATORS, AND PATIENTS

http://blogs.ubc.ca/medgen/ will be an interprofessional space allowing students from various programs to engage with current events in genetic and genomic medicine.



PATIENT VIEWS

Patient views were considered paramount to the success of the modules. We worked with various advocacy groups to connect with individuals directly affected by the genetic module diseases.



ACKNOWLEDGEMENTS

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