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Genomic competence: workforce development, engagement and education in NZ

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Global Genomic Medicine Collaborative

New Zealand

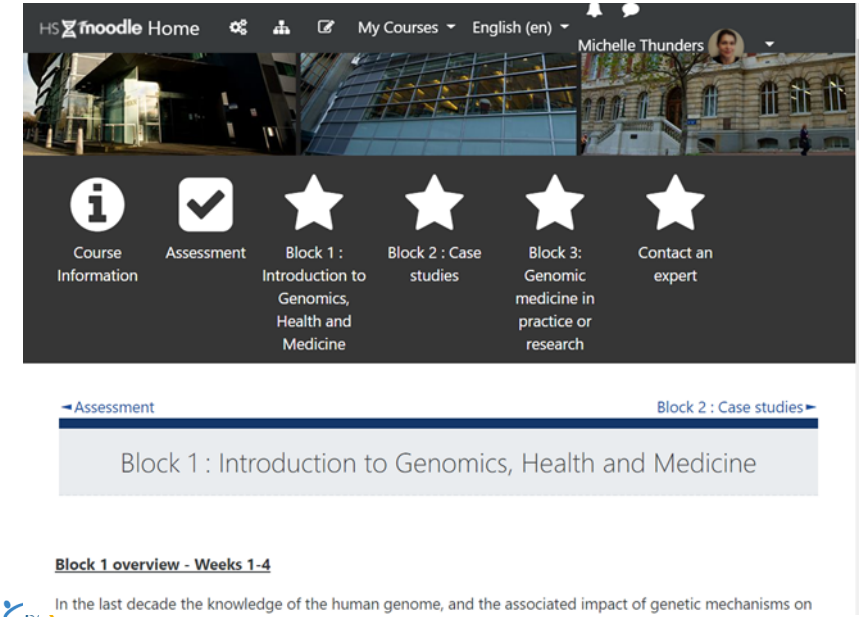
- Population 4,951,500
- Health system mainly funded from general taxation
- $16.142 billion in 2016/17
- **2 Medical schools in New Zealand**; Eight Universities
- Indigenous population Maori, ~14%
- Health inequity- Maori **health** status is demonstrably poorer than other New Zealanders

Genetics workforce and Genomic Medicine in NZ

- Genetics Professionals and Training (3 Hubs)
  - Clinical Geneticist
  - Genetic Counsellor- currently no training in NZ, Australia only.
- UG/PG Medical Teaching
  - UG- ELM and ALM, Curriculum map and core conditions
  - PG- target GPs, Pharmacists, Health care practitioners

- MyDNA- Pharmacogenomics
- Genomics Aotearoa
- Genomic database NZ
- PHG Foundation - The $37.8 million (NZ) Precision Driven Health Care Partnership

PG Cert Genomic Health and Medicine

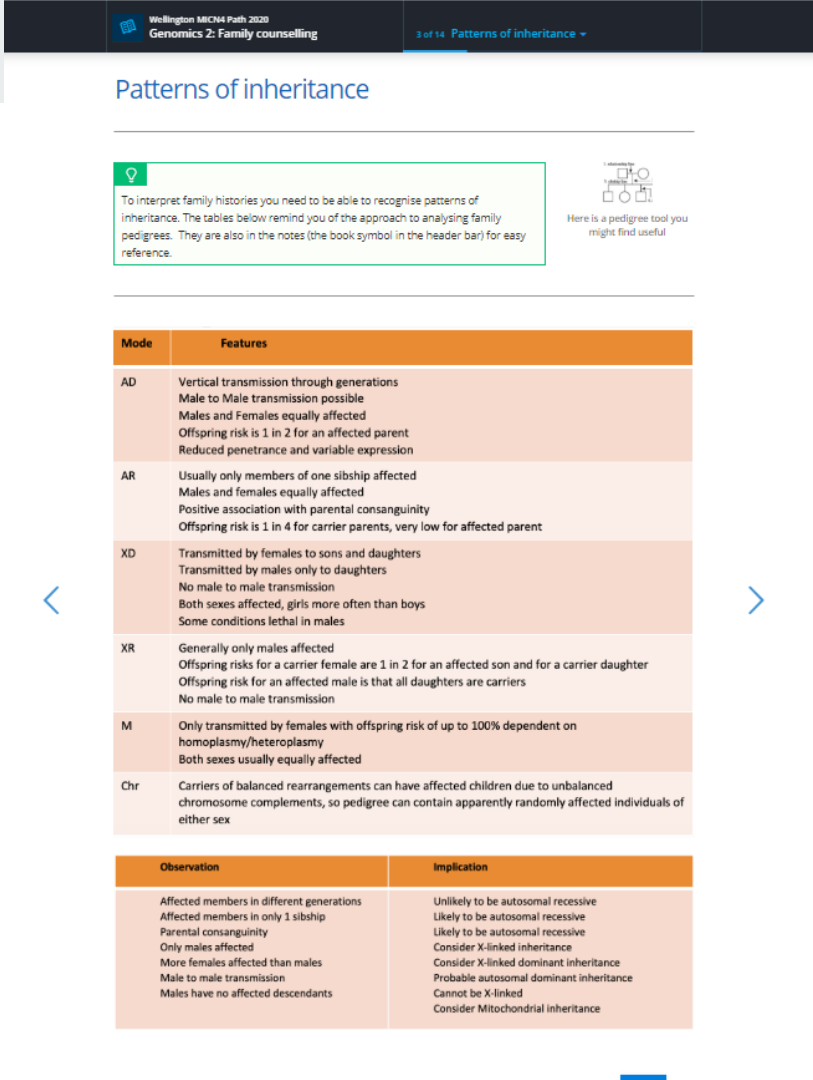


PG Health Professionals:

- Student led
- Relevant
- Distance
- Practical and relevant

Yr5 Med students: Genomic Medicine

- Competency based
- Skills focused
- Case based, NZ relevant
- Tool kits of resources



Barriers and solutions

- Inequities
- Funding
- Geography
- Population size
- Perceptions and beliefs
- Adapting to Lockdown

- Inclusivity
- Consultation
- Collaboration
- Self sufficiency
- Realism
- Online learning