Medicine & Health

A/Prof Holly Seale
Associate Dean (International), Faculty of Medicine & Health
Program Director, Bachelor of International Public Health
What does the future of health look like?
Trends

- Healthcare workers will need to be technologically savvy
- Preventative wellbeing and medicine
- Impact of climate change
- Importance of big data
- Equity of healthcare access
- Cross-disciplinary partnerships and collaboration
Empowering our students to tackle the future of health.
Our strategy:

UNSW Medicine & Health aims to develop compassionate innovators and global leaders in health through transformative education and learning experiences.

The actions we set in motion here will be felt across Australia’s health landscape for years to come.
Undergraduate Programs

- Medicine
- Optometry
- International Public Health
- Vision Science
- Physiotherapy
- Dietetics & Food Innovation
- Pharmacy
- Exercise Physiology
How our graduates work together to solve health issues of the future?
Obesity epidemic

Public health roles
- Developing relevant policies
- Advocacy for the removal of junk food advertising
- Research into effective strategies
- School healthy eating programs
- Promoting healthy lifestyle
- Implementing exercise or nutrition programs to promote healthy lifestyles
- Monitoring the epidemiology
- Mass market and social marketing strategies
- Community engagement

GPs
- Identifying individuals at risk
- Support weight loss activities
- Provide medical advice and services

Dietetics & Food industry
- Diagnose nutrition problems
- Prescribe diet plans
- Cost of food
- Establishing health eating habits

Exercise Physiology
- Test body functions
- Prescribe exercise programs
- Promote behaviour change

Alumni: Arlita
Operations Manager, Population Health Promotion
Northern Sydney Local Health District
Aging populations

Public health roles
• Early detection and management of chronic diseases to facilitate healthy aging
• Reviewing medication schemes
• Creating awareness around aging population and strain on healthcare.
• Promoting a healthy lifestyle to reduce poor health.
• Promoting falls prevention
• Combat ageism and support healthcare reform to increase efficiency in care access

Eye + vision science
• Optometrists and access in aged care
• Eye health issues on the rise
• Fall prevention

Medication availability
• Pharmaceutical industry
• Accessibility to pharmacists
• PBS scheme

Physiotherapy & injury prevention
• Improve posture and stability
• Improve cognitive health and mobility
• Fall prevention

Alumni: Alice
Policy Officer
Australian Government Department of Health and Aged Care
Mental health

Public health roles
- Implementing healthy mindset across school aged children through education.
- Creating awareness around mental health disorders.
- R U OK? Promotion
- Preventive healthcare and mental health promotion
- Reducing inequity in access to mental health programs
- Tailoring programs to target populations

Nutrition
- Brain & gut connection research
- Healthy diet to reduce risk of depression

Psychiatry & neuroscience
- Make a diagnosis
- Develop management plans
- Prescribe medicine
- Understand psychological and psychiatric disorders

Prescription management
- Accessibility to drugs
- Pharmacists’ skills can support use of medicines

Alumni: Damian
Senior Project Officer: Suicide Prevention
Queensland Health
Prevention is the future of health.
So what does this mean for our graduates?
Real-world experiences set students up for success

Capstone project
Public health program

Professional Practice Stream
Health professional programs

Rural placements
Medicine and Optometry programs
Tapping into our centers and partners
Randwick Health and Innovation Precinct
Our future focused degrees prepare graduates to take on a range of industries.
Thank you!