Graduate Webinar
Dr Stephen Graham
Chair, Graduate Education Committee
Department of Pathology: History

- Founded in 1883 with the appointment of the first Professor of Pathology, Charles Roy
- Notable discoveries
  - Use of formaldehyde for fixing tissue samples
  - First therapeutic humanized monoclonal antibody: CAMPATH-1H
Department of Pathology: Today

- >330 staff (including graduate students)
- Roughly 40 research groups spread across four Divisions:
  - Cellular and Molecular Pathology
  - Immunology
  - Virology
  - Microbiology and Parasitology
Graduate Students in the Department

- Currently ~80 students in the Department
- Essential part of the Department’s research activities
- Many graduate students also gain some undergraduate teaching experience
• Pathology only offers research degrees at the graduate student level

• PhD
  • Three years embedded in a research lab
  • Preparation for a career in science

• MPhil
  • Intensive 9 months of research
  • Good preparation for PhD or industry
Key Educational Outcomes

• Research
  • Learn cutting-edge techniques for biomedical research
  • Learn how to formulate hypotheses and solve problems
  • Basis of future scientific career

• Communication
  • Students have opportunities to present their work as posters and talks within the Department and at conferences

• Professional Development
  • Time management, Teamwork
Graduate Activities in the Department

- Graduate Seminar Series
- Departmental Retreat
  - All students present posters once during studies
- Valedictory Seminars
  - Celebration at end of PhD studies
- Cambridge Science Festival
- ‘Happy Hours’