

# The Matthew Hay Project

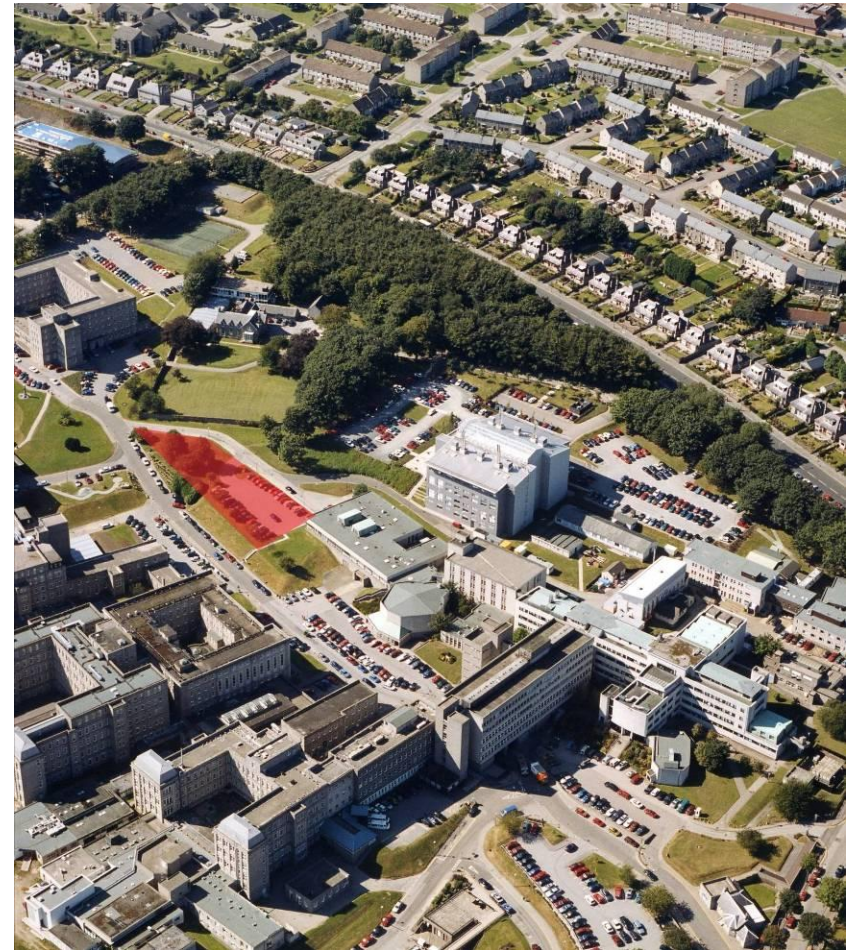
Dr Neil Hamilton  
Director, Medi-CAL

Dr Brian Robertson  
Head of Infrastructure Management



# Foresterhill Campus

- One of the largest health campuses in Europe
- Strong educational and research presence
  - Large Medical School
  - Institute of Medical Science
- Urgent need for a facility for ongoing training for all members of the clinical team – students and post-graduates



# The Building

- State of the art medical teaching and learning centre
- £16.5M purpose built facility
- 5,300 sq m



# The Building

- Joint University of Aberdeen and NHS Grampian project
- Operated by University of Aberdeen



# Construction started May 2007

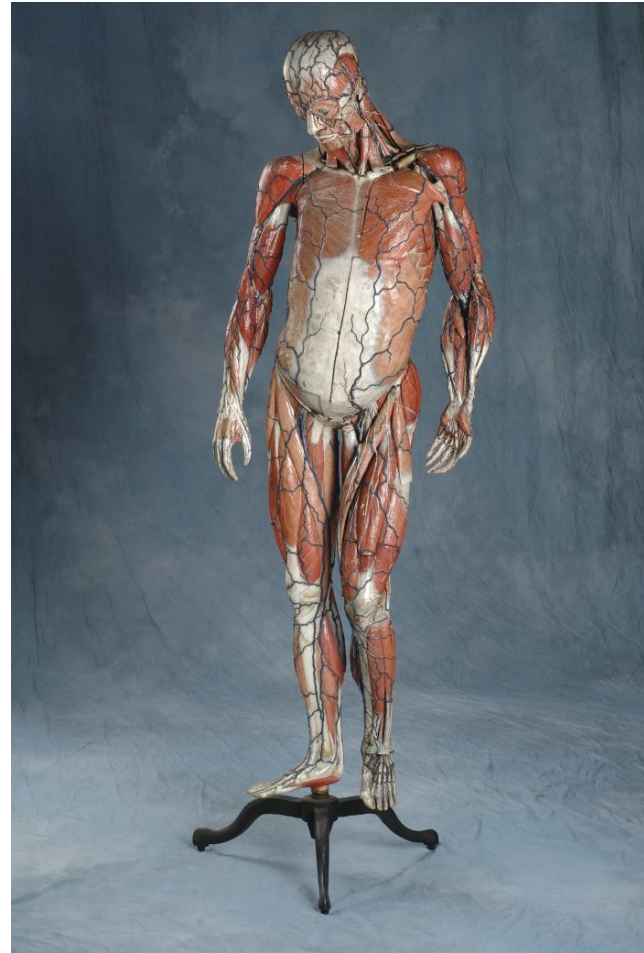


# Completed September 2008



# Functionality

- Anatomy teaching space and resource centre
  - Handling of cadavers
  - Legislative restrictions
    - ‘licensed premises area’
  - 3D visualisation



# Functionality

- Clinical skills
  - Simulated ward area
  - Facilities for the dedicated group of volunteer “patients”
  - Specialist accommodation for innovative simulators for training, including the UK’s first “sim-baby”





# Functionality

- 220-seat lecture theatre
- IT suites running training applications
- Specialist training
  - Resuscitation
  - Violence & Aggression



# Functionality

- Modern teaching, learning and discussion facilities including break-out spaces, a café and social spaces which will encourage discussion and inter-professional working



# User Groups

- University of Aberdeen students and staff
- NHS Grampian clinical and non-clinical staff
- NHS Education Scotland tutors and Foundation Year doctors
- The Robert Gordon University students and staff
- Members of the General Public

# Communications Requirements

- Video within Matthew Hay
- Video between Matthew Hay and Aberdeen Royal Infirmary
- Videoconferencing
- Telemedicine
- University of Aberdeen Student Portal and on-line applications
- Robert Gordon University Portal and on-line applications
- NHS Training Resources
- NHS Grampian Intranet
- Radiological data
- Clinical data
- Internet

# Anytime, Anyplace, Anywhere



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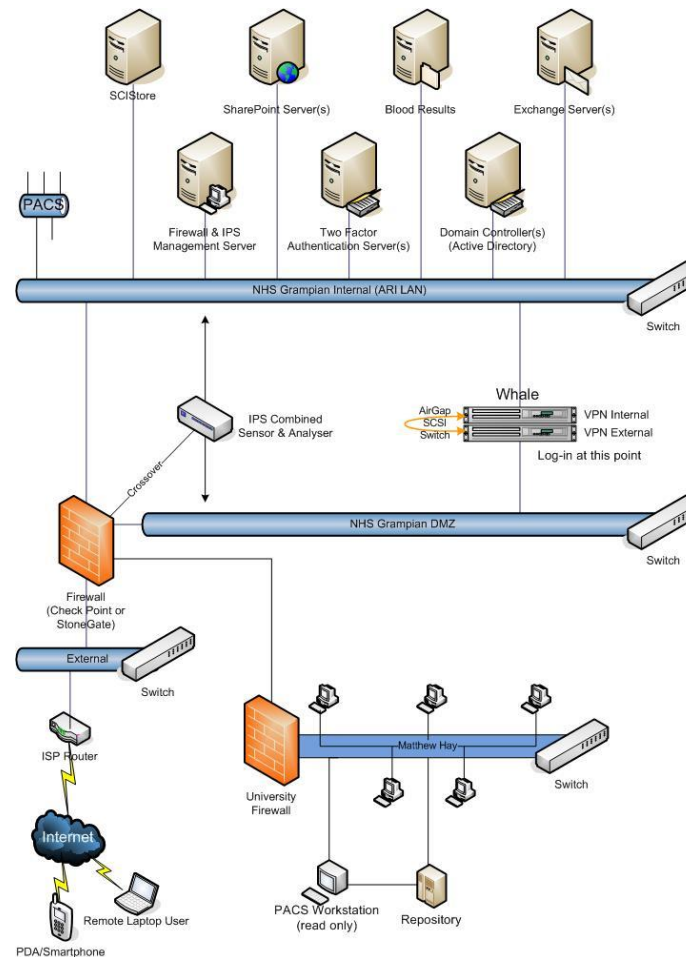
# IT Partnership

- Long established relationship between University of Aberdeen and NHS Grampian IT services
- History of sharing resources
- Constrained by
  - Security policy
  - Funding and resources

# Challenges

- Shared desktop
  - Authentication
    - Shibboleth?
  - Common applications
    - Software licensing
- Physical Security
  - Staff ID card swipe
    - Card compatibility
    - Consolidation and management of database

# Connectivity Solution



Bob Irvine (NHSG)  
 Brian Robertson (UoA)  
 Gary Wardrope (UoA)