



# HSST JOURNEY

Lynne Ferguson, Clinical Scientist



# Outline



Journey so far...



HSST application & Training plan



Future

# Training to be a clinical scientist...



- STP organised by NHS Health Education England
- St George's Hospital, London
- OSFAs & online portfolio
- HCPC registration

# Post-training...



## Scottish Microbiology Reference Laboratories (SMiRL)

- Scottish Haemophilus, Legionella, Pneumococcus & Meningococcus Reference Lab
- Scottish MRSA Reference Lab
- Scottish Parasite Diagnostic & Reference Lab
- Scottish Salmonella, Shigella & C. difficile Reference Lab

## West of Scotland Specialist Virology Centre (WoSSVC)

- Diagnosis of viral pathogens (serology & molecular services)
- National respiratory viral screening service
- Specialist BBV testing (West & North of Scotland)
- Avian influenza, MERS, COVID testing centre



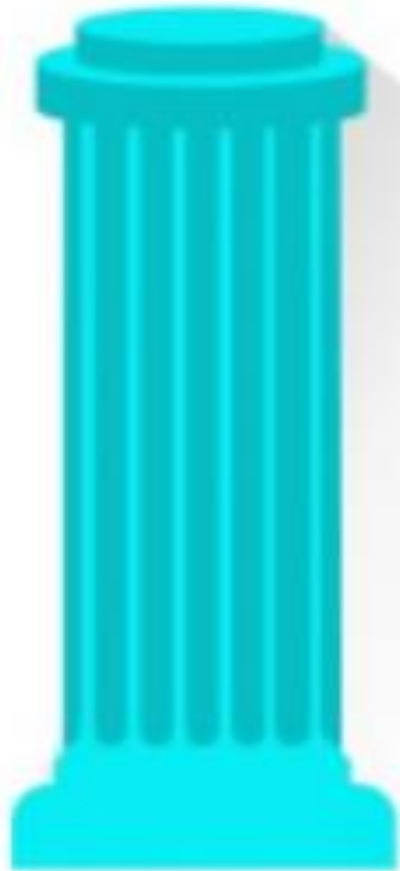
Consultant Scientist  
Level, Higher  
Specialist Scientific  
(HSS) Development



RESEARCH SKILLS

SCIENTIFIC &  
CLINICAL  
SPECILAISM

LEADERSHIP &  
MANAGEMENT





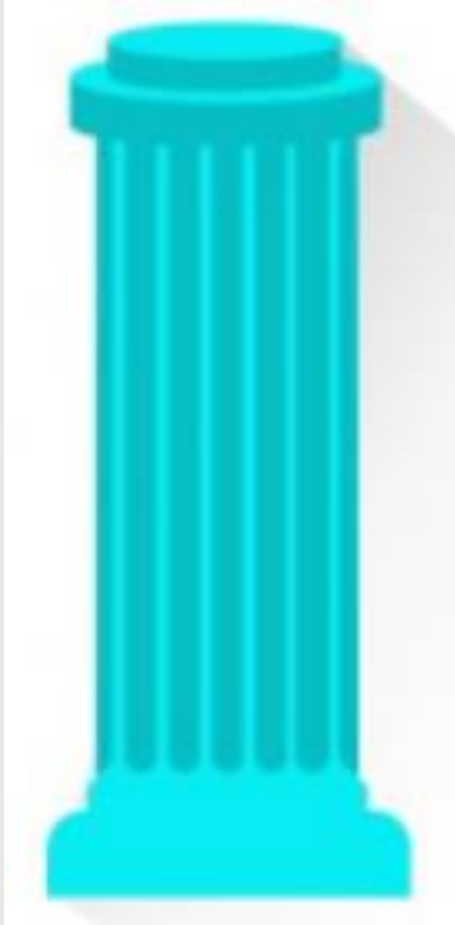
# My Plan

- Doctorate in Clinical Science (DClinSci)
- Professional doctorate
- 3 sections;
  - ❖ Leadership & management
  - ❖ Specialist Scientific Knowledge (FRCPath part 1)
  - ❖ Research and Innovation





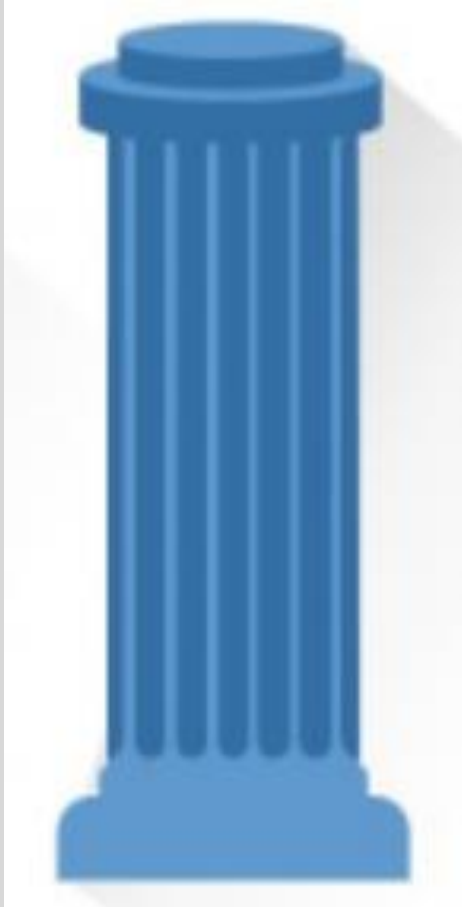
**RESEARCH  
SKILLS**



# My Plan- Pillar 1

- Contribute to the research & disseminate research findings.
- Research & Innovation section of DClinSci
  - ❖ Based at WoSSVC
  - ❖ Academic & NHS supervisor
  - ❖ Improve health & health outcomes

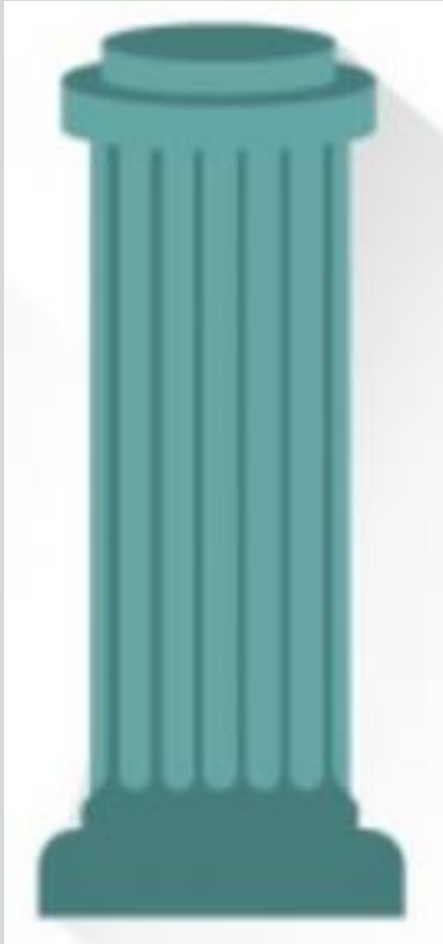
**SCIENTIFIC &  
CLINICAL  
SPECILAISM**



# My Plan- Pillar 2

- FRCPath part 1
- Clinical development
  - ❖ Review, interpret and authorise reports
  - ❖ Provide clinical advice in patient management
  - ❖ Discuss cases at clinical meetings
  - ❖ Attend MDTs and educational meetings
- Scientific development
  - ❖ Implementation of new techniques in the lab
  - ❖ Improve service delivery
  - ❖ Troubleshoot
  - ❖ Contribute to lab quality processes

**LEADERSHIP &  
MANAGEMENT**



# My Plan- Pillar 3

- DClinSci Leadership & Management section
  - ❖ Professionalism
  - ❖ Foundation of leadership
  - ❖ Personal & professional development
  - ❖ Leadership & quality improvement in clinical & scientific environments
  
- Leadership in workplace
  - ❖ Service development projects
  - ❖ Attend service review meetings, senior scientific meetings
  - ❖ On-call clinical service

# Future Goals

- Complete DClinSci
- Closer to sitting FRCPath Part 2
- Readiness for seniority equivalent to consultant clinical scientist level



Thanks for  
listening!