

# **Student Selected Components in C21**

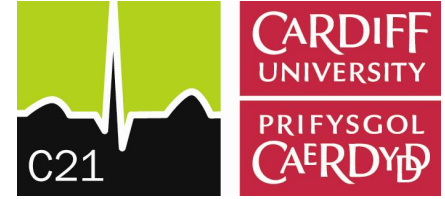


**Dr Sam Hibbitts**

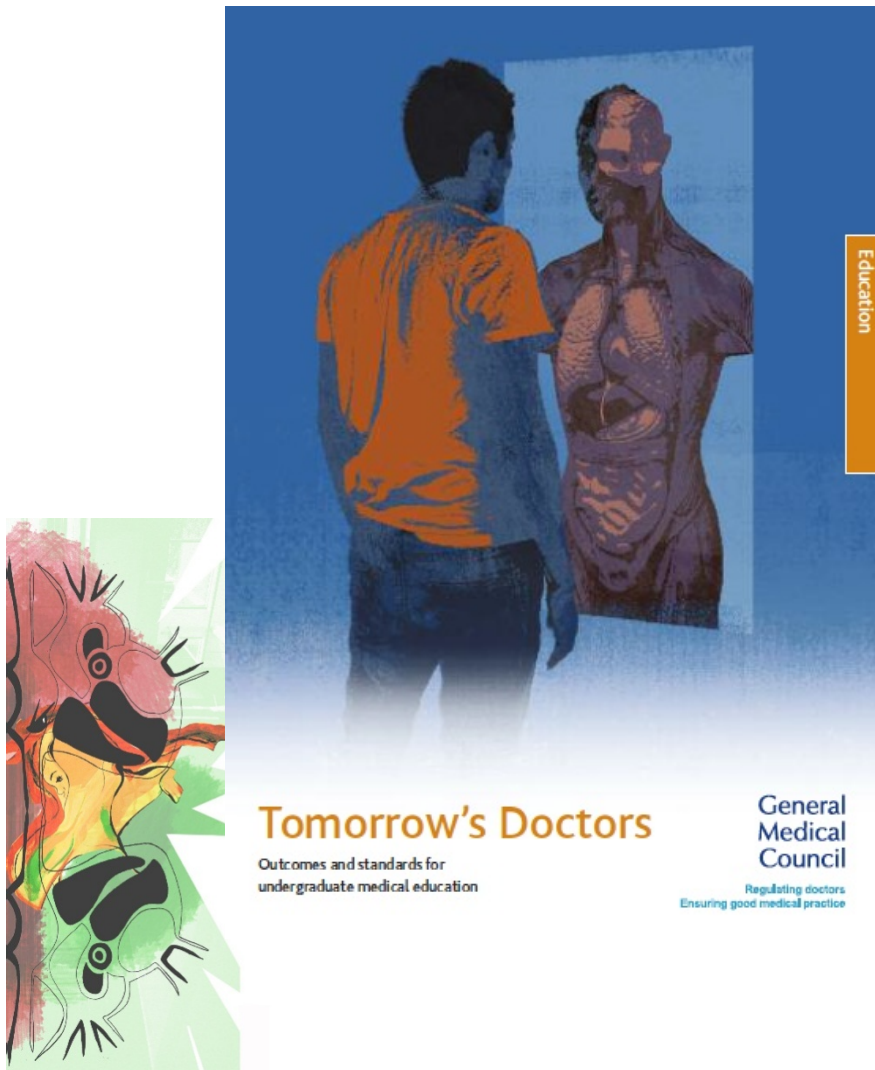
**SSC Director MB BCh**

**Email: [Hibbittssj@cf.ac.uk](mailto:Hibbittssj@cf.ac.uk)**

# GMC's Tomorrows Doctors



“The greatest educational opportunities will be afforded by that part of the course which goes beyond core and that engenders an approach to medicine that is constantly questioning and self critical.”



# SSC Learning Outcomes



Study a non-core topic of interest in depth

Develop:

- research skills/scientific methods
- knowledge through enquiry and exploration
- initiative, analytic and critical thought
- skills for lifelong learning
- professionalism & ethical values



# Vision

- To embed research and evolve knowledge around patient care within MB BCh.

# Aim

- To develop a portfolio of SSC projects supported by experts in the field.

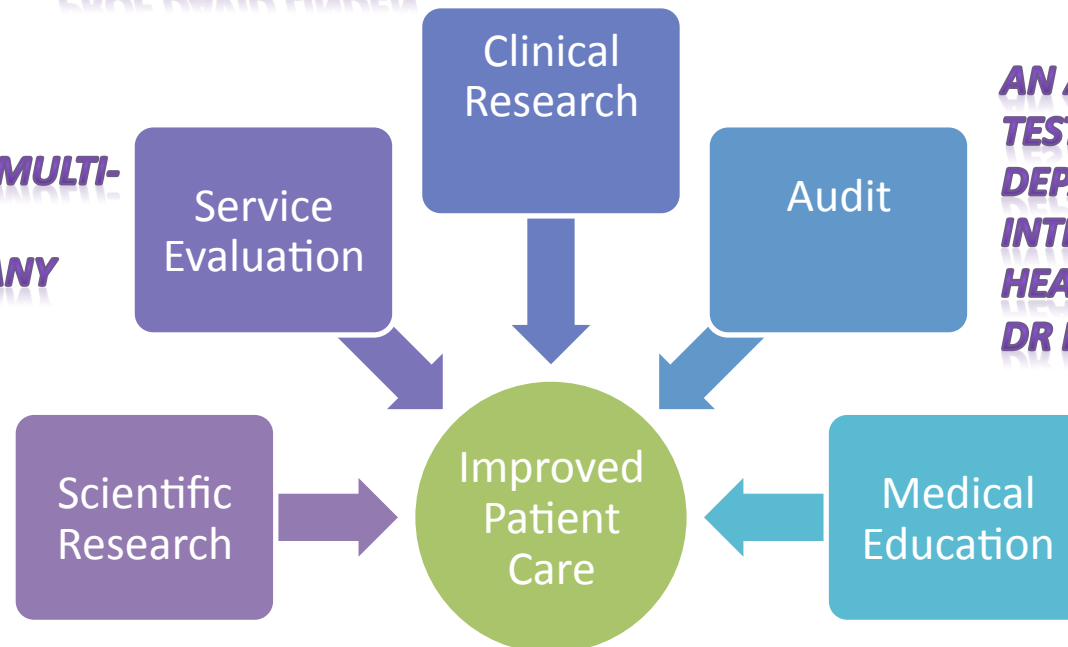


# Examples

## **NEUROFEEDBACK IN NEUROPSYCHIATRIC DISORDERS** **PROF DAVID LINDEN**

## **MONITORING AND MANAGEMENT OF MULTI- ORGAN FAILURE** **DR TAMAS SZAKMANY**

## **AN AUDIT OF HIV TESTING IN THE CARDIFF DEPARTMENT OF INTEGRATED SEXUAL HEALTH** **DR LAURA CUNNINGHAM**



## **CD38 IN CHRONIC LYMPHOCYTIC LEUKAEMIA CELL HOMING TO THE LYMPH NODE MICROENVIRONMENT** **DR ELISABETH WALSBY**

## **MEDICAL SIMULATION AND RESUSCITATION TRAINING** **DR MITRA SUMAN**



# SSCs Focus in C21



Year 1

- Literature projects
- Pathology project
- Practical Research Experience: PhD Tutors

Year 2

- Experience and themed projects
- Evidence-based writing

Year 3

- Scientific and clinical research skills
- Medical education
- Audit
- Service evaluation
- Unique projects developed with experts

Year 4

- Advanced senior research projects
- Consolidate learning on improved patient care

Year 5

- Elective



# Year 1



## Literature Review

**Tutors:**  
Clinical and Scientific

**Involves:**  
Set topic  
6-8 students/tutor  
1-2 tutorials  
Comment on draft  
Assess final review

**Ideal Portfolio:**  
10 Tutors/Institute

## Practical Research

**Tutors:**  
PhD students

**Involves:**  
12 students/tutor  
1 hour introduction  
3 hour practical  
1 hour group discussion

**Ideal Portfolio:**  
5 Tutors/Institute





# Year 2



## Experience and Themed Projects

**Tutors:**  
Clinical and Scientific

**Involves:**  
Institute coordinated SSC  
options showcasing ongoing  
research:  
Small (1-8) students/tutors **or**  
Large (9-25) students/tutors  
Delivered in one week blocks  
Assessment

**Ideal Portfolio:**  
Accommodate 50 students/  
Institute/ SSC weeks

## Evidence-based writing

**Tutors:**  
Clinical and Scientific

**Involves:**  
Journalist opinion piece  
approximately 750 words  
Set relevant article  
8-10 students/tutor  
1 tutorial  
Comment on draft  
Assess final piece

**Ideal Portfolio:**  
10 Tutors/Institute

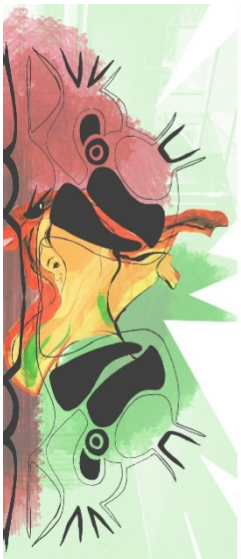




# Years 3 and 4



- Dedicated 7 / 8 week block
- Options:
  - Students choose from SSC portfolio
    - Tutor proposed projects
    - 30 tutors/ Institute
    - Potential longitudinal extension of SSC project from earlier years
  - Bespoke student driven
    - Students identify a supervisory team in their area of interest



# Year 5

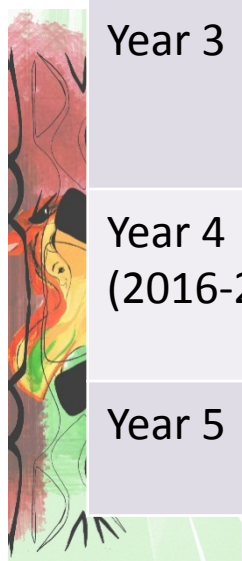
- Final Elective period
  - Defined learning experience
  - Based in host institutions around the globe
- Year 5 assessment panel
  - Reflective report (1500 words)
  - 10 reports/assessor
  - 5 assessors/Institute



# Summary



C21 MB BCh	SSC Topic	Timeline	Time Commitment	Support required per Institute
Year 1	Literature project Practical research project	March-May March-May	1-2 weeks 1 week	10 Tutors 5 PGR Tutors
Year 2	Experience and Themed Projects Evidence-based writing	November and March December	1-3 weeks 1 week	50 students/ week 10 Tutors
Year 3	SSC Project Portfolio QA Assessment panel	May-July July	7 weeks 1-2 weeks	30 Tutors
Year 4 (2016-2017)	SSC Project Portfolio QA Assessment panel	May-July July	8 weeks 1-2 weeks	30 Tutors
Year 5	Assessment Panel	May	1-2 weeks	5 Assessors



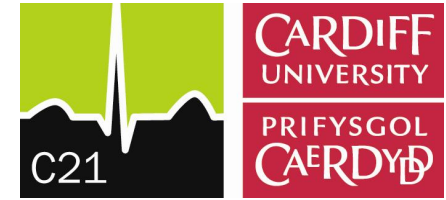
# Conclusion



- SSCs in C21 aim to:
  - Develop innovation
  - Raise standards of projects
  - Encourage students to reach their maximum potential
  - Establish medical projects across scientific disciplines and schools
  - Expand the International repertoire and reinforce the final Elective period



# SSC Working Group

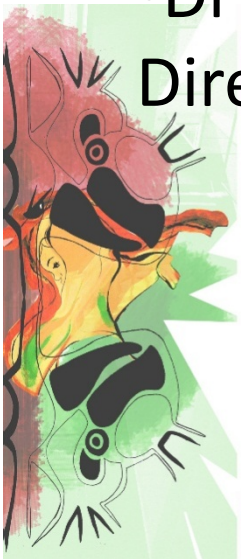


## Further Information

- Andy Edwards: SSC Coordinator

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- Dr Sam Hibbitts: SSC Director [hibbittssj@cf.ac.uk](mailto:hibbittssj@cf.ac.uk)



SSCs Group team member	Role within the work package
Sam Hibbitts	Group Lead / Lead for Phase 2 SSCs
TBC	Group Deputy
Andy Edwards	Group Administrator Co-ordinator for Year 3
Derek Lang	Year 2 SSC Lead
Lesley Jones	Practical Research Lead for Year 1
Adam Hammond	Co-ordinator for Year 1
Lisa Davies	Co-ordinator for Year 2
Jon Childs	Co-ordinator for Year 4
Rebecca Masefield	Co-ordinator for Year 5
Patrick Cartlidge	Year 5 Electives Lead
Anne-Marie Cunningham	e-Learning Lead
Lynn Monrouxe	Research advisor
Taj Hasan	SSC advisor
Jenna Williams	Assessments advisor
Paul Brennan	Resource advisor
Ruth Alcolado	Tutor advisor
Sara Whittam	Welsh medium project advisor
Hannah Turley	Student representative
Shafqat Batchelor	Student representative
Johannes Marais	Student representative