

Bridging the gap: Understanding Students Perception of Integrating Research in The Medical Curriculum

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Research

Important ? Why?

Tale as old as time

**Evidence based
medicine**

**Fostering Spirit of
Enquiry**

**Medical
Studies**





<https://www.imperial.ac.uk/research-and-innovation/about-imperial-research/ref/results-2021/#:~:text=Imperial%20ranks%20first%20in%20the,results%20for%20its%20research%20environment.>

Barriers

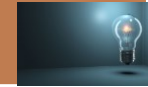
Lack of Time
alongside clinical
work



Lack of
training/skills



Difficult to find
projects and
mentors



No funding



Do not know how
to involve



Fear of prolonging
degree/Increase in
education debt



Not
interested/Gender
disparity



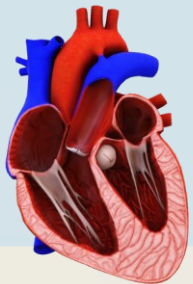
Do not get
acknowledged



Barriers vs Student Perceptions

Time

- Lack of time – a year dedicated to research iBSc @ imperial



Funding

- Lack of funding- Significant number of schemes available specifically for students are underutilized

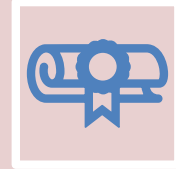
Opportunities

- Lack of opportunities- A whole given to research, learn skills & build foundations in research

Steps to Improve Student Engagement



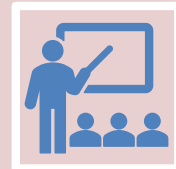
Trying to identify barriers



Educating students about research-orientated careers



Effective signposting of funding opportunities and mentorship



Teaching skills – Support through digital and active learning

Students- taking their own initiatives



Taking up research opportunities outside the curriculum



Under-taking elective research



Sacrificing their free time to do research



Using vacations to perform research.

What are the Real Challenges?



**Changing perceptions –
takes time**



**Integrating research or
elements of it form the
beginning of the
curriculum**



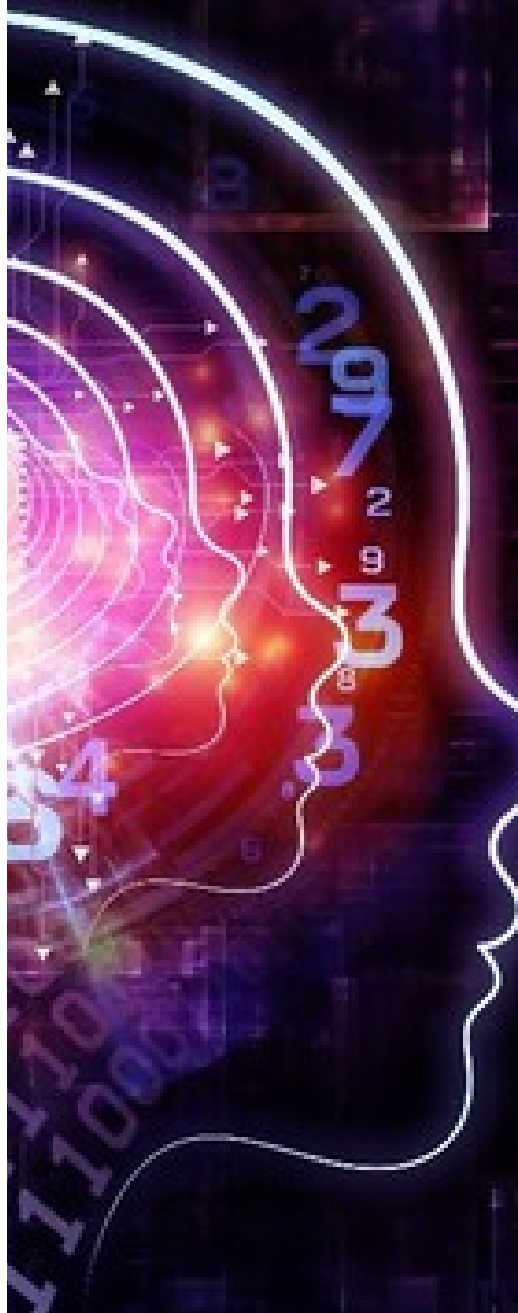
**Teaching research skills
using non- traditional
methods**



**Make it interactive, fun
and easy, teach them
lifelong skills**



How does it look like with the Artificial Intelligence ?



Final thoughts!



Thank You!



**NEED MORE INFORMED
PHYSICIANS**

**IMPORTANT TO INTRODUCE
RESEARCH EARLY ON AND
EXPLORE DIFFERENT
ENGAGEMENT METHODS**