



# 112學年度 教育部學海獎學金及校內獎學金說明會

國際事務處國際盟校組

2023.11.21



臺北醫學大學  
TAIPEI MEDICAL UNIVERSITY

校內外獎學金一覽表

Quick facts about two major scholarships for studying abroad

	教育部學海計畫 MoE Scholarship			校內獎學金 TMU Scholarship	
類型 Type	學海築夢/新南向學海築夢	學海飛颺	學海惜珠	實體出國(雙聯、見實習、研究、學分課程) Physical abroad (Dual degree, Internship, Research, Course with credits)	線上學分課程 Online course with credits
申請人 Applicant	老師 Faculty	學生 Student			
申請資格 Eligibility	本校專任教師並任計畫主持人者 TMU full-time faculty as project PI	臺籍北醫學生 Taiwanese TMU student	中低收入戶 臺籍北醫學生 Taiwanese TMU student with low-/middle-low household income	北醫學生 TMU student	
出國期程/補助條件 Requirement	一個月 1 month	三個月 3 months		10個工作天 10 working days	完成國外學校課程並取得學分 Complete course and obtain credits
獎勵項目 Funding Item	機票、日支費、學費 Airfare, daily stipend, tuition fee			不限 All	課程費(一學年最多一萬元) Tuition fee (up to 10,000 NTD per academic year)
申請期限 Application Deadline	校內截止日為每年1月15日 January 15			每年1月15日、5月15日 January 15 and May 15	
備註 Remarks	未獲政府提供之其他出國補助 Not applicable to other government funding recipients			未獲教育部學海計畫獎學金 Not applicable to MoE Scholarship recipients	

# 校內連絡人

- 學海計畫獎學金及校內獎學金連絡人:
- 國際盟校組Jessy
- [jessykok@tmu.edu.tw](mailto:jessykok@tmu.edu.tw)
- #2713





# Alumni Sharing Session My PhD Journey & How to Obtain Study Abroad Scholarships

Speaker: Dr. Tsai Cheng-Yu (Momo)

*Visiting Postdoctoral Researcher  
Centre for Transport Studies  
Department of Civil Engineering  
Imperial College London  
South Kensington, London, U.K. (SW7 2AZ)*

Date: 2023/20/Nov



# Outline

- My Background
- Why I Chose to Pursue a PhD Programme in the UK ?
- Finding a PhD Position
- Funding Resources

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## EDUCATION

- 
- A vertical timeline diagram with a central line and four circular markers. To the left of the line are the date ranges, and to the right are the degree details.
- 2019.09 - 2023.09 ● PhD, Department of Civil and Environmental Engineering, Imperial College London, Faculty of Engineering, UK
  - 2016.09 - 2019.01 ● MSc, Institute of Medical Device and Imaging, National Taiwan University, Taiwan
  - 2012.09 - 2016.06 ● BSc, Respiratory Therapy, Taipei Medical University, Taiwan
  - Minor Degree, Electronic Engineering, National Taipei University of Technology, Taiwan

# My Personal CV

## CERTIFICATION

### A. Medical Certification:

- 2023.05.26 -----● Registered Pediatric Polysomnographic Technologist (RPSGT ped), Board of Registered Polysomnographic Technologists, USA
- 2019.07.25 -----● Registered Polysomnographic Technologist (RPSGT), Board of Registered Polysomnographic Technologists, USA
- 2018.04.01 -----● Registered Polysomnographic Technologist, Taiwan Society of Sleep Medicine, Taiwan
- 2016.09.09 -----● Respiratory Therapist, Ministry of Health and Welfare, Taiwan

### B. Information Technology Certification

- 2018.10.05 -----● Data Science Certificate, Microsoft Professional Program
- 2017.11.24 -----● Medical Information Manager, Taiwan Association for Medical Informatics, Taiwan
- 2015.10.25 -----● JAVA SE-7 Programmer, Oracle Certified Association

### C. Teaching Certification

- 2022.07.13 -----● Associate Fellow (AFHEA), UK Professional Standards Framework for teaching and learning support in higher education
- 2022.07.21 -----● Fellow (FHEA), UK Professional Standards Framework for teaching and learning support in higher education



## TECHNICAL SKILLS

### A. Machine Learning

















- Data modeling using R and Python
- Time series model establishment
- Data mining and processing

### B. Medical Data Analysis

- EKG data process with HRV
- PPG signals process
- Polysomnography (PSG) data analysis

# Why I Chose to Pursue a PhD Programme in the UK ?

PHD	PHD
	
3 - 4 years	6- 7 years
<u>Year 1</u>	<u>Year 1-3</u>
Proposal & action plan + literature review	Attend classes course work take exams teach
<u>Year 2</u>	<u>Year 4-6</u>
Research, results & writing	Proposal research writing
<u>Year 3</u>	Dissertation prospectus
Dissertation & Viva	Dissertation defence
<u>Assessment</u>	<u>Assessment</u>
Internal & external examiners	Course work exams
Dissertation & Viva	Dissertation & Defence
Pass or Fail	Pass or Fail

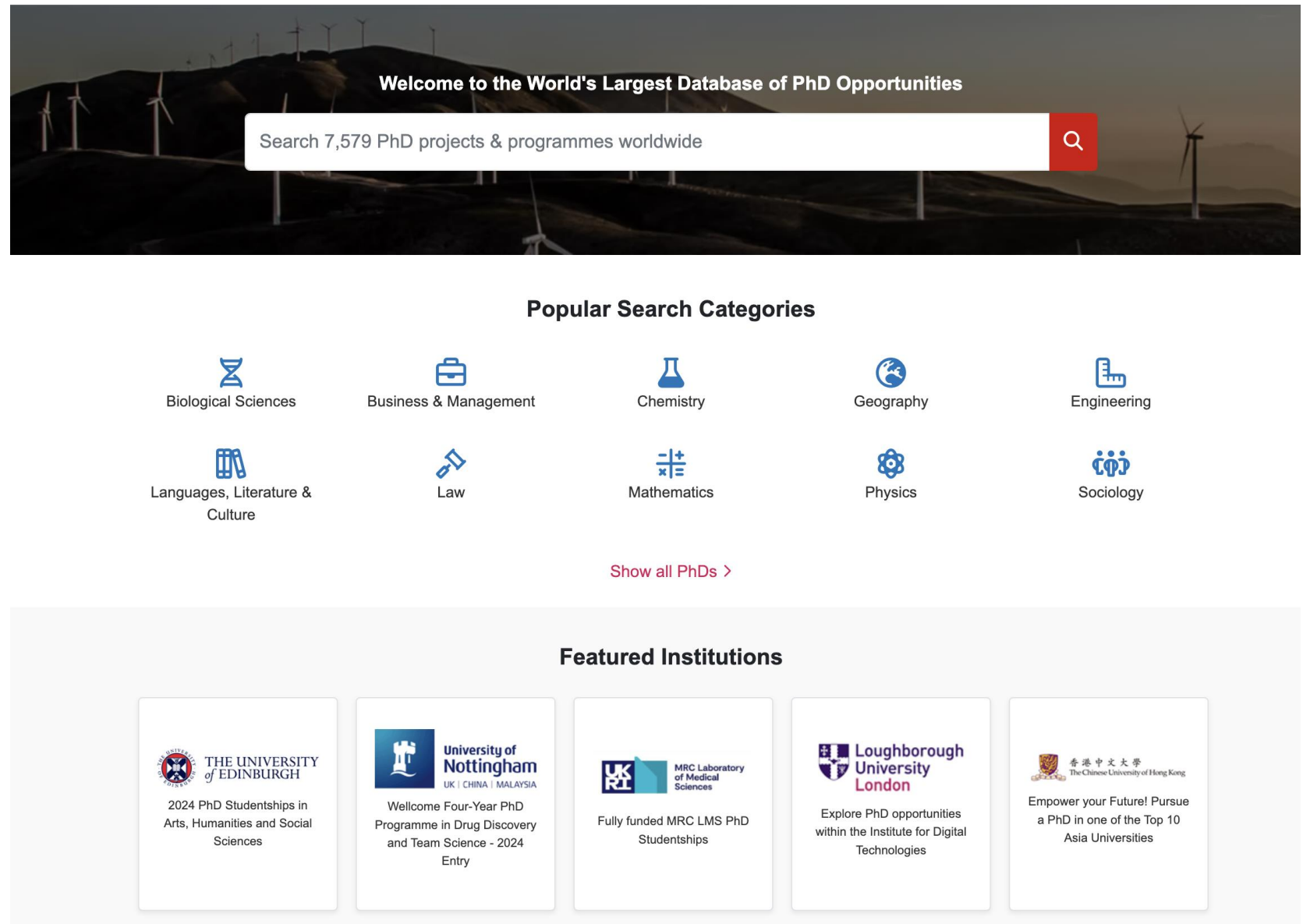
Rank	University	Overall Score	
1	 <b>Massachusetts Institute of Technology (MIT)</b> Cambridge, United States	100	 Shortlist
2	 <b>University of Cambridge</b> Cambridge, United Kingdom <a href="#">More Details</a>	99.2	 Shortlist
3	 <b>University of Oxford</b> Oxford, United Kingdom	98.9	 Shortlist
4	 <b>Harvard University</b> Cambridge, United States	98.3	 Shortlist
5	 <b>Stanford University</b> Stanford, United States	98.1	 Shortlist
6	 <b>Imperial College London</b> London, United Kingdom <a href="#">More Details</a>	97.8	 Shortlist
7	 <b>ETH Zurich</b> Zürich, Switzerland	93.3	 Shortlist
8	 <b>National University of Singapore (NUS)</b> Singapore, Singapore <a href="#">More Details</a>	92.7	 Shortlist

[https://www.topuniversities.com/world-university-rankings?sort\\_by=rank&order\\_by=asc](https://www.topuniversities.com/world-university-rankings?sort_by=rank&order_by=asc)

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# Finding a PhD Position



The screenshot shows the homepage of the Find a PhD website. At the top, a banner image of wind turbines on a hill is overlaid with the text "Welcome to the World's Largest Database of PhD Opportunities". Below this is a search bar containing the text "Search 7,579 PhD projects & programmes worldwide" and a red search button. Underneath the search bar, a section titled "Popular Search Categories" displays ten icons representing different fields: Biological Sciences, Business & Management, Chemistry, Geography, Engineering, Languages, Literature & Culture, Law, Mathematics, Physics, and Sociology. A link "Show all PhDs >" is positioned below these categories. The bottom section, "Featured Institutions", highlights five specific opportunities: The University of Edinburgh (2024 PhD Studentships in Arts, Humanities and Social Sciences), University of Nottingham (Wellcome Four-Year PhD Programme in Drug Discovery and Team Science - 2024 Entry), MRC Laboratory of Medical Sciences (Fully funded MRC LMS PhD Studentships), Loughborough University London (Explore PhD opportunities within the Institute for Digital Technologies), and The Chinese University of Hong Kong (Empower your Future! Pursue a PhD in one of the Top 10 Asia Universities).

Welcome to the World's Largest Database of PhD Opportunities

Search 7,579 PhD projects & programmes worldwide

Popular Search Categories

- Biological Sciences
- Business & Management
- Chemistry
- Geography
- Engineering
- Languages, Literature & Culture
- Law
- Mathematics
- Physics
- Sociology

Show all PhDs >

Featured Institutions

- THE UNIVERSITY of EDINBURGH**  
2024 PhD Studentships in Arts, Humanities and Social Sciences
- University of Nottingham**  
UK | CHINA | MALAYSIA  
Wellcome Four-Year PhD Programme in Drug Discovery and Team Science - 2024 Entry
- MRC Laboratory of Medical Sciences**  
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- Loughborough University London**  
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<https://www.findaphd.com/>



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# Funded UK PhD Opportunities

	Studentships	Scholarships
Topic	V	By Proposal
Supervisor	V	Find by yourself
Tuition Fee	$\Delta$ (UK rate)	Depends on each scholarships
Stipend	V	
Opportunity	$\Delta$ / X	$\Delta$
Find the info	<a href="https://jobs.ac.uk">jobs.ac.uk</a> LinkedIn/twitter Departments <b>Ask by mail!!</b>	Taiwan教育部 School websites <b>Ask by mail!!</b>

## | UCL: Research Excellence Scholarships

- 40 fully funded awardees

(former ORS, GRS)

## | ICL: President's PhD Scholarships

- 50 fully funded awardees

# 教育部獎學金 #UK PhD

[註1] 依據英國公布之studentships學生的生活費，約為20000鎊/年  
[註2] 教育部生活費 – 倫敦：20000美金/年; 其他英國地區：19000美金/年

百大獎學金		公費留考	留學獎學金
申請條件	學校有合作簽約 (英國目前只有 牛津跟劍橋；每年各五名)	今年的名額有符合的領域	已拿到offer/博班就學中
模式	申請獎學金， 同時申請offer	先申請獎學金，同時/之後再申請offer (拿到獎學金兩年內要出國就讀) <b>OR</b> 博班就學中	單純獎勵型的獎學金
補助項目	學費 + 生活費 [註1]	學費 + 生活費 [註2, 2022 last updated]	固定16000美金/年
申請時程 *每年略有不同	報名：11月 公布：三至六月	報名：七/八月左右 考試：十月；面試：12月 公布：12/一月	報名：二月 公布：六月
受領年限	三至四年	依學群，三至四年為上限	兩年
義務	X	領幾年要返台服務幾年	X



Thank you for your  
attention!

