

The Research Year at Duke-NUS Medical School

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Health Services and Systems Research
Duke-NUS Medical School

FM Research With Medical Students: The Singapore Experience

Duke-NUS Curriculum Graphic											
	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
Year 1	Transition 1 (3 wks)	Molecules, Cells, & Tissues (6 wks)	Normal Body (13 wks)		Vacation	Brain & Behaviour (5 wks)	Physical Exam	Body & Disease (18 wks)		Vacation	
	Practice Course 1 (PC1)					PC1		PC1 & Evidence Based Med (EBM)			
Year 2	T2, continued	Clerkship Block 1 (8 wks)	Clinical Reflections	Clerkship Block 2 (8 wks)	Vacation	Clerkship Block 3 (8 wks)		Clerkship Block 4 (8 wks)			
	CPX1	Practice Course 2 (PC2)		PC2							
Year 3	Transition 3	Research (37 wks)									
		Vacation (2wks - independently arranged)									
		Step1 Study (2wks - independently arranged)									
		Research Methods & Analysis									
		Family Medicine (20 half-day clinic sessions)									
Year 4		Advanced Clerkship Block 9 (4 wks)	Advanced Clerkship Block 10 (4 wks)	Advanced Clerkship Block 11 (4 wks)	Advanced Clerkship Block 12 (4 wks)	Vacation	Advanced Clerkship Block 13 (4 wks)	Advanced Clerkship Block 14 (4 wks)	Advanced Clerkship Block 15 (4 wks)	IFOM & CPX4 (2 wks)	Advanced Clerkship Block 16 (4 wks)
		Practice Course 3				Practice Course 4					

Year 3: Mentored Research

Objectives:

Students will be able to...

- Conduct research activity with **integrity**, understanding the principles of reproducible research
- Develop a research proposal that **adheres to relevant institutional policies** and procedures regarding research involving human subjects and animals

Year 3: Research Methods & Analysis

Objectives:

Students will be able to...

- Determine **what data exist** relative to a clinical question or formal hypothesis, incorporating considerations of **confounding and bias**
- Discuss the appropriate use of **statistical methods to analyze data**
- Interpret findings and appropriately **report** conclusions

Acknowledgment: Scott Compton, PhD, Associate Dean & Associate Professor, Medical Education, Research, & Evaluation, Duke-NUS Medical School

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Student Research Projects in Family Medicine

Student	Thesis Title	Mentor	Co-Mentor
Glenn GOH	iPRISM ("interactive diet and activity tracker": Phone app to Reinforce Individual Self-Management) Study: Understanding type 2 diabetes patients' usage of a caloric monitoring phone app	Truls Østbye	Tan Ngiap Chuan, Rahul Malhotra
Eui Whan MOON	App Documentation of Electronic BP Readings in Hypertension	Tazeen Jafar	Tan Ngiap Chuan
Foon Yin FUNG	MUSCLE-DM Study: Muscle Strength in Community Living Elderly with Diabetes Mellitus	Tan Ngiap Chuan	Rahul Malhotra, Truls Østbye
Shi YAN	A Population-based Study on Healthcare Needs and Utilization	Low Lian Leng	Julian Thumboo
I Gusti Ngurah Prawira Suartha OKA	Gout: self-Efficacy, quality of Life and Serum uric acid levels (GELS)	Truls Østbye	Tan Ngiap Chuan, Rahul Malhotra

Acknowledgment: June Lee, Medical Education, Research, & Evaluation, Duke-NUS Medical School



Advancing Best Care through Education & Research

6th

**Asia Pacific Primary Care
Research Conference**

In conjunction with Family Medicine Symposia

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