STRATEGI PENYUSUNAN PROPOSAL UNTUK RISET INOVATIF PRODUKTIF PENDANAAN LUAR NEGERI

Dr. Asri Maharani, MMRS., PhD
What is a research grants?

1. Grants are sums of money awarded to finance particular activities and not to be paid back.
2. It is important to understand the goals of the funding bodies and their grant programs.
3. Decisions are made on the applicant's ability to fit the proposed research activities to the interests of the funding body.
Funding available for UK-Indonesia collaborative research projects

1. Newton fund
   [http://www.newtonfund.ac.uk/](http://www.newtonfund.ac.uk/)

2. Medical Research Council:
   a. UK and South East Asia awarded research projects
   b. Wellcome Trust-MRC Newton Fund Collaboration

3. Economic and Social Research council
   a. The 2019 Newton Prize countries are China, Indonesia and the Philippines.
      [https://esrc.ukri.org/research/international-research/newton-fund/](https://esrc.ukri.org/research/international-research/newton-fund/)
      and many more…
The applicants

1. **Principal Investigator (PI):** The holder of an independent grant administered by a university and the lead researcher for the grant project. He/she will have full responsibility & authority for the project.

2. **Multiple PI:** when there is more than one PI with equal responsibility and authority for the project.

3. **Co-investigators or Co-I:** make significant contributions, but do not have overall responsibility and authority for the project. Co-I assists the principal investigator in the management and leadership of the research project. They are NOT considered PIs.

4. **Named researcher:** Those who are included in the proposal, but not PI or Co-I.
Example of PIs

Professor Anushka Patel MBBS SM PhD FRACP FCSANZ FAHMS

1. **Professor** Anushka Patel is the Chief Scientist of The George Institute. She is a cardiologist and scientist with a focus on both clinical research on the prevention and management of cardiovascular diseases among high risk individuals, and implementation science. She has postgraduate research degrees from Harvard University (Master of Science [Epidemiology], 1998) and University of Sydney (PhD, 2005). Total publications: 247 publications (excluding conference proceedings) with 193 original journal articles. Original papers include 4 in NEJM (1 first author, 1 second author, 1 senior author), 5 (1 first author) in Lancet, 3 in JAMA (2 senior author). Total citations: ~22,000, Scopus H-index 51 (Google 57), with a FWCI (2013-2017) of 3.46. Professor Patel holds an NHMRC Principal Research Fellowship, having previously been awarded consecutive Senior Research Fellowships in 2009 and in 2014 (Elizabeth Backburn Fellowship). **She has been a Chief Investigator on 3 consecutive NHMRC Program Grants**, 2 NHMRC Project Grants (both CIA), and 4 NHMRC Global Alliance for Chronic Disease grants (2 as CIA). She is the Principal Investigator of the SMARThealth EXTEND project, funded by Give2Asia on the recommendation of the Pfizer Foundation, as well as the follow-up SIMPLI study funded by a Pfizer Independent Grant for Learning and Change.

Research relevant to the proposed project

1. Prof Patel is a global leader in clinical research relating to cardiovascular risk factor management. In addition, she leads a research program focused on developing and evaluating scalable solutions for the evidence-based prevention and management of chronic noncommunicable diseases (NCD). This includes a large program of primary care implementation research in Australia, India, China and Indonesia. Within this program, she has led and participated in studies involving more than 100,000 participants.
Example of the composition of applicants:

**Title:** Understanding the links between hearing impairment with cognitive decline and dementia

**Applicants:**
1. Dr. Piers Dawes: Senior lecturer in Audiology, Manchester Centre for Audiology and Deafness, University of Manchester
2. Professor Neil Pendleton: Professor of Medical Gerontology
3. Professor Rebecca Elliot: Professor of Cognitive Neuropsychiatry, University of Manchester
Je-S

https://je-s.rcuk.ac.uk/JeS2WebLoginSite/Login.aspx
Preparing the proposal

1. Check funders guidance notes
2. Develop research plan and establish resources
3. Cost your project and gain authorisation for the price
4. Complete the application form
5. Obtain departmental and University approval to submit the application
6. Submit application to funder
Is it a good research proposal?

1. Is it original (check academic literature)
2. Is it significant (step change or incremental?)
3. Is it rigorous in its methodology (international best practice)
4. Are the research objectives stated at the outset?
5. Is the proposal structured with relevant headings and developed logically and coherently (ask someone else!)
6. What research skills/capabilities/infrastructure are required/available to the project?
The proposals

- Case for support
- Pathways to impact
- Cost calculation
- CVs
- Letter of support
THANK YOU