



NATIONAL INSTITUTES OF HEALTH

UNIVERSITY OF THE PHILIPPINES MANILA

2nd CALL FOR PROPOSALS Newborn Screening Research Grants (Internal to NSCs and NSRC)

BACKGROUND

The Department of Health (DOH) recognizes the importance of research in the improvement and success of the Philippine newborn screening program. To ensure that **basic, clinical and psycho-socio-cultural researches** related to the newborn screening program are undertaken, DOH issued Department Memoranda on 9 August 2010, 2 September 2014 and 25 January 2016. The Memoranda directed the Newborn Screening Reference Center (NSRC) to oversee this research agenda. The NSRC has delegated the administration of the research grants to the National Institutes of Health (NIH) with the assistance of the UP Manila Research Grant Administration Office (RGAO). Consequently, the Philippine newborn screening program is expected to generate researches that would help **improve newborn screening processes/services, improve patient outcome, and explore new knowledge in newborn screening.**

MECHANICS

The NIH is pleased to announce the second “Call for Research Proposals” on behalf of the NSRC’s Research Grant Initiative for 2018-2019.

The grant proposal/application process is open to institutions, groups, consultants, trainees (fellows, residents, medical students, non-medical undergraduate students, graduate students). Trainees **must** have a faculty co-investigator.

FUNDING

Initial budget earmarked for the first cycle (2018-2019) is Php 50 million. Funding is expected to be available for multi-year projects.

GENERAL TERMS OF ENGAGEMENT

A. Topics for proposals

The first list is open to all interested researchers **including NSRC and NSCs:**

1. Short term and long term outcome studies for patients affected with any of the disorders in the newborn screening panel*
2. Burden of disease studies of conditions in the newborn screening panel*
3. Determinants on decisions regarding acceptance of newborn screening among various stakeholders (e.g. parents, physicians, nurses, midwives, etc.)
4. Acceptability of the use of residual blood spot specimens remaining after screening for research
5. Molecular analysis of metabolic disease cases from 1996-2017

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6. Molecular analysis of patients diagnosed with endocrine disorders as a result of newborn screening (e.g. congenital adrenal hyperplasia, congenital hypothyroidism)

The second list is open **only to NSRC, NSCs and NBS Expert Groups**:

1. Impact of timeliness issues (e.g. specimen collection and transmittal, result availability and transmittal, etc.) on patient diagnosis/confirmation
2. Evaluation of cutoff values used for preterm infants
3. Disorder mapping by province
4. Assessment of security risks and vulnerability of IT Systems
5. Assessment of privacy risks and vulnerability of information handling
6. Inter- and intra-laboratory QA
7. G6PD deficiency issues (e.g. appropriateness of current strategies, etc.)
8. Thalassemia issues (e.g. appropriateness of current screening protocol, evaluation of compliance with protocols, etc.)

If your proposed topic is not in the list, you may still submit your capsule proposal.

B. Submission requirement

Kindly register as a proponent @<http://rgao.upm.edu.ph/registration> and submit the following requirements on or before **15 January 2019**:

1. Capsule Proposal (300 words – brief intro, objectives, impact of study)
2. Letter of Intent
3. CV (max 2 pages) of Lead Proponent (Principal Investigator/Project Leader)
4. Brief profile of the institution of researcher

For queries, please contact Ms. Vivian Biala or Ms. Ionee Ibarrientos of the Research Grants Administration Office, UP Manila at telephone #567-2054 or email us at rgao@post.upm.edu.ph

C. Selection Process

Capsule proposals will be reviewed.

Feedback will be given within 2 weeks from submission of capsule proposal.

Short-listed applicants will be required to submit a full proposal.

Full proposals will undergo technical review. RGAO will assist with budget preparation and ethics review.