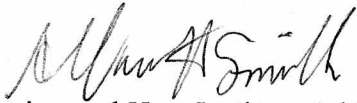


REPORT OF HOST INSTITUTE

1. Name of Professor: Prof. Allan H. Smith
2. Name and address of host institute: School of Public Health
University of California
50 University Hall MC7360
Berkeley, CA 94720-7360
3. Duration of fellowship: Mar-May 2012
4. Brief highlight of the achievements: A publication describing the unsuitability of the random effects model for meta-analysis has been developed and submitted as a result of the collaboration made possible by the ICMR fellowship.
5. Your assessment of the ICMR-IF: Dr. Ganguli made important contributions to improving a research paper now submitted for publication. The paper points out significant deficiencies in the use of the random effects model in meta-analysis, and proposes that the fixed effects model should always be used, with variance adjustment of heterogeneity when appropriate. We believe that this paper should have a major impact on the field. It was a pleasure working with Dr. Ganguli on this project.
6. Other comments:

Signature



Name, Designation and Host Institute Address

Allan H. Smith
Professor of Epidemiology

REPORT OF HOST INSTITUTE

1. Name of Professor: Prof. Kirk Smith
2. Name and address of host institute: School of Public Health
University of California
50 University Hall #7360
Berkeley, CA 94720-7360

3. Duration of fellowship: Mar-May 2012

4. Brief highlight of the achievements:

Four proposed publications on the effects of exposure to indoor air pollution in Indian states. These publications will develop a predictive model for the burden of indoor air pollution exposure which can be used for comparative risk assessment in other Indian states. Confounder data eg socio-economic factors and/or other relevant variables affecting exposure will be obtained using 2 large scale health surveys (NFHS and IHDS) as well as from the 2012 Census and a comparison of the various predictive models will be made. Finally, the association between exposure to indoor air pollution and lung function (FEV, PEF, wheeze etc) will also be studied using an existing dataset.

The ICMR-IF fellow has also attended Prof. Michael Jerrett's class on GIS in Public Health and this will facilitate building an indigenous Land Use Regression model for Chennai, India as part of the projects to be undertaken by the ICMR Advanced centre for air pollution at SRU, Chennai.

5. Your assessment of the ICMR-IF:

Dr Bhaswati's time with us was well spent, both building up her skills in GIS and conducting data analysis of our joint datasets. We expect several publications to result.

6. Other comments: We thank ICMR for making this possible.

Signature



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