

## Terms of Reference for Field-Based Pre-Doctoral Fellow

<b>Job Title:</b> Field-Based Pre-Doctoral Fellow	
<b>Division/Department:</b> Standing Panel on Impact Assessment of CGIAR	
<b>Location:</b> Addis Ababa or Kampala	
<b>Expected Start Date of Assignment:</b> Summer 2019	<b>Duration:</b> 1 year (renewable)
<b>Reports to: Name:</b> Dr James Stevenson	<b>Title:</b> SPIA Senior Researcher

### GENERAL DESCRIPTION OF TASK(S) AND OBJECTIVES TO BE ACHIEVED

SPIA is recruiting two field-based pre-doctoral fellows to support activities in either Ethiopia or Uganda focused on the collection of data on the diffusion and adoption of CGIAR-related innovations. The fellows will be based primarily in either Addis Ababa or Kampala, but with possible periods visiting Paris, Rome, Austin (Texas) or Davis (California). The fellows will report to James Stevenson (SPIA Senior Researcher) and will work closely with CGIAR researchers in-country, partner agencies (World Bank Living Standards Measurement team; National Statistics Agencies) as well as SPIA Chair Prof. Karen Macours and academic affiliate Prof. Travis Lybbert. We are looking to make an initial 1-year appointment with the possibility of extension for a further year.

SPIA and the World Bank LSMS-ISA (<http://surveys.worldbank.org/lsms/programs/integrated-surveys-agriculture-ISA>) are partnering to improve our understanding of the diffusion and adoption of agricultural innovations. We are building on several years of collaboration in both Ethiopia and Uganda to test and then integrate innovative approaches to data collection. These approaches are then mainstreamed into nationally-representative surveys through our partnerships with the Ethiopian Central Statistics Agency and Ugandan Bureau of Statistics.

Tasks may include:

- Collecting data from government agencies, non-government organizations and private sector firms related to location, timing and nature of activities to promote specific agricultural / natural resource management innovations
- Developing and piloting data collection instruments for collection of a range of variables at either plot, household, community or landscape level
- Supporting the design and implementation of data collection experiments involving the sampling of soil, water or crop samples
- Recruiting and supervising field enumeration teams
- Data analysis and report writing based on fieldwork
- Contributing sections to working papers, academic articles or fieldwork manuals

### REQUIRED COMPETENCIES

- Masters degree in Economics (especially Development, Agricultural or Environmental Economics focus), preferably with a concentration in impact evaluation and/or applied micro-econometrics)
- Candidates familiar with GIS, remote sensing, geospatial methods and/or machine learning methods are valued
- Previous field work experience is desirable
- Excellent written English
- An interest in agriculture in developing countries, including agricultural innovations
- Strong quantitative skills in STATA and/or R, including experience with data analysis and econometrics

### HOW TO APPLY

Applicants should submit a CV, a cover letter, and a writing sample (preferably a paper showing some original analytic work or literature review) to Ira Vater ([spia@cgiar.org](mailto:spia@cgiar.org)) and James Stevenson ([j.stevenson@cgiar.org](mailto:j.stevenson@cgiar.org)). The cover letter should provide some indication of interests in (and knowledge of) agriculture and/or impact assessment.