



## Senior Research Associate, Applied Analytics Team

CHAI's Applied Analytics Team (AAT) is seeking a Senior Research Associate *specializing in global health systems research*. Applications are accepted on a rolling basis, but applicants are advised to submit **before June 15, 2013**. To submit your application, go to: <https://careers-chai.icims.com/jobs/3636/senior-research-associate/job>.

### Overview

#### Clinton Health Access Initiative

The Clinton Health Access Initiative (CHAI) was founded in 2002 by President Bill Clinton to provide solutions to the biggest challenges impeding effective health delivery in developing countries. CHAI applies the rigorous thinking, analysis, and urgency of the business world to save lives and strengthen health systems rapidly and more efficiently by improving markets for medicines and diagnostics, lowering the cost of treatment, and accelerating access to key drugs and technologies. As a trusted partner to governments, CHAI's programs have helped more than four million people access treatment for HIV/AIDS at reduced costs, and have led to more than \$1 billion in savings for developing countries. In addition to retaining its initial focus HIV/AIDS care and treatment, CHAI implements programs on vaccines, malaria, health systems strengthening, and maternal child health in more than 25 countries.

#### Applied Analytics Team

Working closely with CHAI country teams and partner governments, CHAI's Applied Analytics Team (AAT) uses operations research, mathematical modeling, impact evaluations, and other analytical tools to improve health care delivery.

AAT is seeking a Senior Research Associate with health systems and applied research skills, particularly related to improving health care delivery in resource-limited settings. The Senior Research Associate will be primarily responsible for supporting operational research of point-of-care diagnostics for HIV care, with the goal of informing health policy and decision-making on the scale up of new diagnostic technology.

The Senior Research Associate will report to the AAT Director.

#### Responsibilities

- Provide technical assistance on implementation science evaluation activities to ensure rigorous assessment of outcomes and impact, including sampling, developing study designs, protocols, and data collection tools, conducting analyses, synthesizing results, and disseminating findings in high-quality presentations, reports, and publications
- Conduct analyses of cost-effectiveness and impact of health systems strengthening interventions, and interpret results into actionable and policy-relevant recommendations for key stakeholders
- Conduct spatial analyses and use mathematical modeling to inform the optimal placement of new health technologies and assess their impact on health outcomes
- Assess the impact of adjustments to patient and clinic workflow on health outcomes
- Support development of programmatic measurement tools across multiple countries

#### Qualifications

- PhD or masters degree in epidemiology, economics, biostatistics, or a related field and 3+ years of relevant work experience
- Applied research experience, including designing impact evaluation or operational research projects in developing countries.
- Experience designing evaluations of mobile health and/or diagnostic technologies a plus
- Experience with costing, cost and decision modeling, cost-effectiveness analysis, and the effective use of cost information to inform program design and strategy
- Experience designing monitoring and evaluation frameworks

- Advanced statistical analysis skills with demonstrated hands-on experience with SAS, Stata, R or equivalent
- Field experience implementing health-related impact evaluations a plus
- Spatial analysis skills, and experience with ArcGIS or equivalent a plus
- Modeling skills with TreeAge or equivalent a plus
- Demonstrated capacity to synthesize data into an effective presentation of results for a variety of audiences
- Exceptional diplomatic and interpersonal skills, and an ability to collaborate effectively with a wide range of partners and stakeholders
- Strong oral and written communication skills
- Strong project management skills
- Experience working in limited resource country settings
- Willingness to travel