



## Senior Research Associate, Applied Analytics Team

CHAI's Applied Analytics Team (AAT) is seeking a Senior Research Associate *specializing in health economics and HIV*. 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/3497/senior-research-associate/job>.

### Overview

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 expertise in Health Economics and study design. The Senior Research Associate will be responsible for developing economic models and leading costing studies to assess cost-effectiveness of different health interventions, with the goal of informing health policy and decision-making. Particular emphasis will be on HIV treatment and prevention.

The Senior Research Associate will report to the AAT Director.

### Responsibilities

- Developing and implementing study design methodology for costing studies and cost-effectiveness analyses
- Develop, validate, and document evidence-based economic models that can be used to assess cost-effectiveness of different interventions to inform national and global HIV strategy and decision-making
- Guide discussions with ministries of health about the potential for HIV treatment and prevention activities to reduce new infections, highlighting the trade-offs between impact and cost of various approaches
- Support resource allocation decision-making with an emphasis on efficiency and effectiveness
- Serve as a technical expert for countries weighing the cost-effectiveness of HIV prevention and treatment interventions

**Qualifications**

- PhD or masters degree in health economics, epidemiology, or a related field and 5+ years of relevant work experience
- Sound knowledge of methodologies used in economic and policy analysis for public health
- Significant technical experience with costing, cost and decision modeling, cost-effectiveness analysis, and the effective use of cost information to inform program design and strategy
- Excellent problem-solving, analytical, and quantitative skills
- Advance statistical analysis skills with demonstrated hands-on experience with modeling in SAS, Stata, R, or equivalent
- Experience working in limited resource country settings
- 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
- Ability to travel