

**Cancer Research Training Award (CRTA) Post-Doctoral Fellowship with an
Emphasis on the Science of Team Science:
Evaluating and Supporting Transdisciplinary Research and Collaboration**

National Cancer Institute

The National Cancer Institute (NCI), the largest Institute at the National Institutes of Health (NIH), is pleased to invite applications from qualified candidates for a one to five year post-doctoral position in the science of team science, including projects to evaluate and support transdisciplinary research and collaboration. This is a full-time position within the Behavioral Research Program (BRP) of the Division of Cancer Control and Population Sciences (DCCPS) of NCI and will be based in the Rockville, Maryland office. The position will allow the applicant to interact with a large number of leading scientists from a broad array of fields such as, medicine, basic sciences, psychology, epidemiology, public health, nursing, social work, sociology, and information sciences at the NCI, the NIH and at institutions around the country.

Position Description:

The fellow will be an integral member of the Science of Team Science team in BRP. The overall goal of the team is to carry out research, evaluation, dissemination and other activities that will enhance the understanding and management of team science initiatives. Team science initiatives supported by the BRP include grant programs in areas such as tobacco use, energetics, health communication, and health disparities. The recipient of this award will lead and assist in various ongoing and future team science related projects. Projects may include:

- Conduct of innovative research studies designed to advance the field of the science of team science, such as:
 - Longitudinal studies of the impacts of various grant mechanisms (e.g., P50 centers, R01 projects) on the research productivity, levels of transdisciplinary integration, collaboration and impact. Comparisons will be made between matched groups at the individual, project, and/or initiative levels
 - Innovative research studies examining research impacts by integrating quantitative methods (e.g., bibliometric analyses), qualitative approaches (e.g., Delphi survey) and visualization techniques (e.g., science mapping, network analyses)
 - Studies linking comprehensive bibliometric and other outcomes to longitudinal survey data to explore relationships between collaborative antecedent and process factors and research productivity of the centers
- Development of tools and strategies for facilitating and supporting the evaluation and conduct of team science, such as:
 - The expansion of a website and related dynamic databases designed to facilitate the implementation and evaluation of team science endeavors to enhance the capacity for collaborative partners to work together effectively toward resolving our most pressing environmental, social and public health problems
 - Development of new tools, metrics and research designs for studying team science
- Development and dissemination of products that showcase the research findings, lessons learned and other team work, such as:
 - Manuscripts reporting results from ongoing research projects
 - Scientific presentations at professional meetings, NIH-wide conferences, and NCI Research Centers retreats

Qualifications:

Ph.D. or equivalent degree in relevant areas such as, network/system science, scientometrics, bioinformatics, program evaluation social epidemiology, health communications, health policy, behavioral and preventive

medicine and psychology is desired. The candidate should have a strong interest in applying multiple research methods within the context of investigating/evaluating team science initiatives.

Candidates must have familiarity with a broad array of social science research methods and demonstrate understanding of qualitative methods as well as quantitative methodology. Knowledge and expertise in one or more of the following techniques is preferred, but not required: network analysis, bibliometric analysis, science mapping, and longitudinal data analysis. Knowledge and experience in evaluation is desirable, though training in this area will be supported. Strong interpersonal skills are required as this team works in a highly collaborative manner. The candidate must be a self-starter who is comfortable taking initiative and who can play a major role in helping to develop new projects and bring multiple ongoing projects to completion.

In order to qualify for the position, the candidate must be a U.S. citizen or resident alien. A candidate with an I-551 stamp in their passport can also qualify since this is temporary verification of permanent residency status pending issuance of the green card. Individuals with "Employment Authorization" documents (EADs) do not meet eligibility criteria.

Stipend/Benefits:

This position is a one-year full-time Cancer Research Training Award (CRTA) position is anticipated to start Summer/Fall 2010. There is a possibility for yearly renewals. Stipend is commensurate with relevant work experience and education. The stipend range is \$44,600 to \$69,200, depending on education and experience. Health benefits are available. Some flexibility in work hours will be allowed. Participation in conferences and continued training in relevant areas is encouraged and supported.

Application Information:

Please send inquiries or application materials by electronic mail only directly to Kara L. Hall, Ph.D. at hallka@mail.nih.gov. For applications, include the following:

- ❑ Cover e-mail message/letter and contact information with an explanation of your interest and experience in conducting related research and how the CRTA fellowship will further your career goals. Please indicate your earliest possible start date.
- ❑ Curriculum Vitae or Résumé
- ❑ Writing Sample
- ❑ Two letters of reference from supervisors or professors signed and on letterhead with email addresses and phone numbers included. If signed letters are unavailable electronically, an initial unsigned version is acceptable with the remainder of the application packet; however, a signed copy must follow by mail to the address below.
- ❑ Graduate transcripts. If an official transcript is unavailable electronically, an unofficial transcript is acceptable with the remainder of the application packet; however, an official transcript must follow by mail to the address below.
- ❑ Mailing address: NCI, Division of Cancer Control and Population Sciences, Behavioral Research Program, Office of the Associate Director, ATTN: Kara L. Hall, 6130 Executive Blvd, Room 4078, MSC 7326, Bethesda, MD 20892-7326.

See the following web sites for presentations given at the Science of Team Science conference sponsored by NCI in October, 2006 (http://dccps.nci.nih.gov/BRP/presentations_day1.html) and for additional information about the NCI Science of Team Science team (<http://dccps.nci.nih.gov/BRP/scienceteam/index.html>).

Selection for this position will be based solely on merit, with no discrimination for non-merit reasons such as race, color, gender, national origin, age, religion, sexual orientation or physical or mental disability. NIH is an equal opportunity employer.