



PEDIATRIC SCIENTIST DEVELOPMENT PROGRAM

UNDER THE AEGIS OF THE ASSOCIATION OF MEDICAL SCHOOL PEDIATRIC DEPARTMENT CHAIRS, INC. (AMSPDC)

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Statement on Clinical and Translational Research Training for the PSDP

Introduction: There is a critical need for pediatric clinician-scientists prepared to participate in, and eventually lead, the emerging programs in clinical and translational research for children's health care. The PSDP strongly supports qualified candidates willing to undergo rigorous training in these scientific disciplines with experienced mentors to prepare for an academic career.

Disciplines: Research disciplines requiring either direct patient contact or development and analysis of patient databases include:

- Anthropology
- Bioethics
- Child health policy research
- Clinical epidemiology
- Clinical trials, both pharmacologic and non-pharmacologic
- Health economics research
- Health outcomes research
- Health services research
- Implementation science
- Integrative biology/physiology
- Quality and performance improvement
- Psychology, behavior and/or communications

Outcome: The PSDP Fellow is expected to develop methodological skills in clinical epidemiology, biostatistics, study design and execution with good clinical practices (GCP), care process modeling, communication, health education and patient safety and harm reduction, economics and database structure and management. These skills are often acquired through enrolling in advanced degree programs in public health, clinical science, health policy, etc.

Research Project: The research project should incorporate both content and methodological components. The trainee's goal is to become fully competent in the methodological approach to answering clinical research questions as well as asking robust and important questions about children's health.

Setting: The proposed training environment will include research mentors and groups affiliated with schools, centers for public health or public policy, clinical and translational research programs or other established centers devoted to rigorous research and knowledge expansion. In keeping with the PSDP tenets, clinical responsibility is limited to that appropriate for clinical trials. In general, no clinical service is permitted; however, Fellows may recruit patients for clinical studies. Limited clinical time, therefore, may be permitted if the applicant clearly justifies the need.

Mentor: The mentor for a PSDP Fellow is a scientist with recognized expertise in the types of studies defined above. A history of serving as a principal investigator for competitive, independent grants from the NIH, AHRQ, CIHR, EPA, CDC, Veterans Administration, or other federal or national non-governmental agencies is required.

Additional information and clarification may be obtained from the program office.