Cancer Control Research Training

JAMES P. WILMOT CANCER CENTER
UNIVERSITY OF ROCHESTER MEDICAL CENTER

Curriculum Objectives

1) To provide a specialized curriculum in cancer control

- Theory and methods of clinical research
- Integrates three cancer control research areas of opportunity: Patient-oriented research, Biostatistics and informatics research, and Health outcomes research
- Instruction in epidemiology, biostatistics, health economics, medical decision and cost-effectiveness analysis, social and behavioral medicine, designing and critiquing research projects, research ethics, and grant writing.
- Didactic courses, lectures, symposia and workshops in all three of the research areas of opportunity
- Mentored research
- Focused lectures and seminars in cancer control

2) To offer a two-year series of skill building workshops and research seminars:

- Instruction in federal policies and regulations in research (including inclusion of women, children and minorities
- Presentation and publication of scientific work
- Relations with industry and technology transfer (including patenting)
- The use o medical informatics in research
- Practical skills in grant writing

3) To provide a unique research environment

- Committee of three research mentors from different disciplines
- Answer a distinct research question involving cancer control
- Practical research experience about how to conduct ethical, scientific research
- Established cancer control investigators, cancer center clinicians and private practice medical oncologists who are part of the Community Clinical Oncology Program (CCOP)
- Preparing a research abstract
- Writing and submitting a research paper for publication
- Preparing a poster of scientific work
- Preparing and presenting a scientific talk
- Preparing a research grant application
- Preparing a clinical protocol to submit for IRB approval

- Attendance at national meetings
- "Mini-sabbaticals where trainees spend a week observing and interacting with other cancer control programs around the country

4) To require each program participant to develop a grant application suitable for submission as a Career Development Award (K Series) or individual investigator initiated research grant form NIH (R Series: R21/R03/R01) or to similar funding mechanisms from the Department of Defense or American Cancer Society.

5) To develop and evaluate novel recruitment strategies