

## **Cancer Epidemiology and Prevention**

The Cancer Epidemiology and Prevention Track at the Harvard School of Public Health was one of the first and remains one of the most comprehensive academic programs in the world dedicated to the training of cancer epidemiologists.



Our curriculum includes both research/methodology courses and courses of specific relevance to cancer epidemiology. Our faculty members conduct cutting edge research into the lifestyle, environmental and genetic factors that influence both cancer incidence and survival. Departmental research is conducted both in the US and internationally (e.g. China and Sweden) across a broad array of malignancies including breast, colorectal, lung, nasopharyngeal and prostate cancers. Much of this work is multi-disciplinary, conducted with colleagues in biostatistics, molecular pathology, cancer biology and immunology.

Our data resources, most notably large prospective cohort and case-control studies, along with collaborations at other Harvard Medical Area Institutions (e.g. Brigham & Womens Hospital, Massachusetts General Hospital, Dana Farber/Harvard Cancer Center) provide superb research opportunities for students. Cumulatively, these resources and opportunities result in an exceptionally rich and vibrant academic environment. Past graduates of our program serve as leaders in academia, government and industry throughout the world.

### **Recommended Coursework**

**EPI213** Epidemiology of Cancer

**EPI224** Cancer Prevention\*

**EPI240** Use of Biomarkers in Epidemiologic Research\*

**EPI246** Applied Biomarkers in Cancer Epidemiology\*

**EPI249** Molecular Biology for Epidemiologists

**EPI252** Infections and Cancer\*

**EPI257** Advanced Seminar in Cancer Epidemiology\*

**EPI294** Screening

**EPI507** Molecular Epidemiology of Cancer\*

**SHH201** Society and Health

**SHH211** Health Promotion through Mass Media

**SHH249** Approaches to International Tobacco Control

**ID510** Nutritional Epidemiology of Cancer

**ID520** Advanced Topics in Nutrition and Cancer

\* Courses with an asterisk are offered every other year

Cancer Epidemiology and Prevention Track   Suggested Schedule		
Fall Semester Courses		
EPI 249	Molecular Biology for Epidemiologists	DeVivo Fall I
SHH 201	Society and Health	Kawachi Fall I
EPI 246	Applied Biomarkers in Cancer Epidemiology	Schernhammer Fall II
EPI 257	Advanced Seminar in Cancer	Tamimi Fall II
EPI 507	Genetic Epidemiology	Hunter, Jiali Fall II
ID 510	Nutritional Epidemiology of Cancer	Smith-Warner, Fall II
ID 520	Advanced Topics Nutrition of Cancer	Smith-Warner Fall II
Spring Semester Courses		
EPI 506	Translational Research Methods and Applications	Muti, Blandino WS
EPI 213	Epidemiology of Cancer	Giovannucci Spring I
SHH 211	Health Promotion through Mass Media	Viswanath Spring I
SHH 249	Approaches to International Tobacco Control	Connolly Spring I
EPI 240	Use of Biomarkers in Epidemiology Research	Spring II
EPI 294	Screening	Hernandez-Diaz Spring II
EPI 224	Cancer Prevention	Frazier Spring II 2010
EPI 252	Infections and Cancer *	TBA Spring II 2011

- \* Courses with an asterisk are offered every other year
- SHDH courses and EPI 224 were part of Cancer Prevention Track (which no longer exists as a separate track)
- **New Wintersession Courses to Be Offered for 2009-10 (To be Announced)**
  - EPI XXX Global Cancer Epidemiology WS
  - EPI XXX Evidence Based Epidemiology WS
  - EPI XXX Pathology for Epidemiologists WS