INTRODUCTION

About the Harvard School of Public Health

The Harvard School of Public Health (HSPH) is dedicated to excellence in training public health practitioners and researchers. The School's distinguished faculty members are engaged in teaching, research, and working with public health leaders locally, nationally, and internationally.

The School's main buildings for research, teaching and administration are located in the heart of Boston's Longwood Campus. The facilities adjoin those of the Harvard Medical School, Harvard School of Dental Medicine, and Harvard-affiliated hospitals such as Brigham and Women's, the Dana-Farber Cancer Institute, and Children's Hospital.

Summer Session for Public Health Studies

The Summer Session provides the same academically rigorous courses offered to degree candidates during the regular academic year, only shortened from 8 weeks to 3 weeks and meeting daily. Thus, the courses are very fast-paced and intense, requiring the full participation of the student. These courses are taught by Harvard faculty.

Course work in epidemiology, biostatistics, statistical analysis, health and social behavior, economics, environmental epidemiology, and health care management provides the ground work for advanced study in every field of public health. These courses are essential for the practice of public health, for population-based primary care, and for evaluating clinical effectiveness in specialty medicine.

The Summer Session is intended for health professionals in training or those who are considering a mid-career change into public health and feel the need to strengthen their skills. Participants include public health professionals, primary care practitioners, physicians engaged in the evaluation of health care delivery and management, physicians in training (including preventive medicine residents and medical students in an MD/MPH joint degree program), and candidates for a part-time MPH program.

During the 2001 Summer Session, 170 students from across the U.S., Asia, Canada, Europe, and Latin America attended the School. More than 50% of those students were physicians; the others included mid-level managers, lawyers, other health professionals, and graduate students.

Current HSPH students and students accepted for admission to a 2002 degree program may have greater flexibility in their course selection during the regular academic year by taking courses in the Summer Session. **Admission to the Summer Session requires a separate application for all students.**

Hot Topics

Each summer, faculty from the School of Public Health present a weekly seminar on topics of current interest in the field. These seminars are offered during lunchtime and are free to all Summer Session students. The seminars provide an opportunity for summer students to meet and talk informally with faculty from a range of disciplines. Presentations from previous years have included:

What Comes After Managed Care?
Marc Roberts, Department of Health Policy and Management

Social Inequality and Public Health
Ichiro Kawachi, Department of Health and Social Behavior

Humanitarian Disaster Relief
Jennifer Leaning, Department of Health and Social Behavior

Early Exposure to Violence: Women in Poverty, Women in Prison
Angela Browne, Harvard Injury Control Research Center

Pharmaceutical Safety: How We Stay on Top of It After Drugs are on the Market
Alexander Walker, Department of Epidemiology

"It was great ***to have an opportunity to concentrate on a few areas (Ethics, Health/ Social Behavior) through the summer course offerings. It's an intense experience, but I'm very glad I could take advantage of it."***

— Lisa M. Letourneau, MD
current MPH student, HSPH; MPH, Health Care Management

"This summer session program *really helped me to make a good start for my MPH. Moreover, it gave me valuable experience with people of different backgrounds that enabled me to think much more deeply about problems in public health."*

— **Makoto Shimoaraiso, MD**
current MPH student, HSPH; MPH, International Health

Curriculum

Students may complete one or two 2.5-credit courses per session, for a maximum of 5 credits per session or a total of 10 for the two summer sessions. The course work is very intense and fast-paced. Students registered for two courses in one session should not schedule other work commitments.

Degree Programs

HSPH offers programs leading to the graduate degrees of Master of Public Health (MPH), Master of Science (SM) and doctoral programs (SD and DPH) in public health. Courses taken in the summer program or in the Program in Clinical Effectiveness may count for academic credit towards the MPH or the SM degrees. To receive further information and application materials for degree candidacy, contact the HSPH Admissions Office (617-432-1031 or admisofc@hsph.harvard.edu).

Please note: Qualified participants may seek admission to a degree program at HSPH. Admission to or academic performance in the Summer Session does not guarantee admission to the School's other full and part-time academic degree programs, which require a separate application and admissions process.

Summer-Only Master of Public Health Degree Program

(Quantitative Methods or Clinical Effectiveness Concentrations Only)

Qualified students with an interest in the areas of Quantitative Methods or Clinical Effectiveness may complete the MPH degree through courses offered in the Summer Session. The degree requirements take three years to complete, over three consecutive summers. Please note: there is a limited selection of summer courses. The summer-only MPH degree program is available only for the two concentrations noted. Students selecting a summer-only degree may not take courses during the academic year without additional costs. For more information, contact the Admissions Office (617-432-1031 or admisofc@hsph.harvard.edu) or Roberta Gianfortoni, Director for Professional Education (rgianfor@hsph.harvard.edu).

SUMMER COURSE OFFERINGS•2002

The letters 's' and 't' following the course number indicate the Session:

Session 's': July 1 - July 26
Session 't': July 29 - August 16

Please note: An asterisk (*) following a course title indicates limited enrollment; prerequisites and faculty approval required. Please review all course notes for any prior preparation or requirements.

BIOSTATISTICS

BIO 113s. Introduction to SAS

Provides intensive instruction in the use of SAS to prepare data for statistical analysis. The focus is on database management and programming problems. Basic issues in each of these areas are discussed in the context of teaching the specific skills required to use SAS effectively.

Instructors: Ms. Elizabeth N. Allred, Dr. Marcello Pagano
3:30 p.m.–5:30 p.m. (Mon.–Fri.)
Lectures. 2.5 credits

BIO 202s. Principles of Biostatistics: Part I

This course is the first part of introductory biostatistics and acquaints the student with the basic concepts and methods of biostatistics, their applications, and their interpretation. The material covered includes data presentation, numerical summary measures, rates and standardization, and life tables. Probability is introduced to quantify uncertainty, especially as it pertains to diagnostic and screening methods. Also covered are sampling distributions so that students may be introduced to confidence intervals and hypothesis testing. The computer is used throughout the course, and the student will gain familiarity with the software package STATA. Please note: Students enrolled in Biostatistics 202s are required to attend two hours of lab sessions each day in addition to daily lecture. Course Note: Applicants planning to take biostatistics are expected to have a working knowledge of basic college mathematics and familiarity with the use of personal computers. A self-assessment test is available on request by calling Hildi Keary at 617-432-1052 to help you evaluate your readiness for this course.

Instructor: Dr. Marcia Testa
8:30 a.m.–10:15 a.m. (Mon.–Fri., lecture sessions) (Lab TBA)
Lectures, laboratories. Five 2-hour labs each week (required).
2.5 credits

BIO 203t. Principles of Biostatistics: Part II

This course is the second part of introductory biostatistics; it continues to explore inference in greater depth. Lectures and laboratory exercises will emphasize applied data analysis, building upon the fundamentals emphasized in BIO 202s. Topics covered include the comparison of two means, analysis of variance, nonparametric methods, inference on proportions, contingency tables, multiple 2 x 2 tables, correlation, simple regression, multiple regression and logistic regression, analysis of survival data, and sampling theory. The computer is used throughout the course, and the student will gain more familiarity with STATA. Please note: Students enrolled in Biostatistics 203t are required to attend two hours of lab sessions each day in addition to daily lecture. Course Note: Requires BIO 202s. Students who have taken BIO 200s during Summer Session 2001 may take BIO 203t during the 2002 Summer Session.

Instructor: Dr. Constantin Yiannoutsos
8:30 a.m.–10:15 a.m. (Mon.–Fri., lecture sessions) (Lab TBA)
Lectures, laboratories. Five 2-hour labs each week (required).
2.5 credits

BIO 214t. Principles of Clinical Trials*

Designed for individuals interested in the scientific, policy, and management aspects of clinical trials. Topics include types of clinical research, study design, treatment allocation, randomization and stratification, quality control, sample size requirements, patient consent, and interpretation of results. Students design a clinical investigation in their own field of interest, write a proposal for it, and critique recently published medical literature. Course Note: A course in introductory statistics is required.

Instructors: Dr. Richard Gelber, Dr. Kenneth Stanley
10:30 a.m.–12:15 p.m. (Mon.–Fri.)
Lectures. 2.5 credits

BIO 224t. Survival Methods in Clinical Research*

This course will cover the common approaches to the display and analysis of survival data, including Kaplan-Meier curves, log rank-tests, and Cox proportional hazards regression. Computing, using SAS, will be an integral component of the course. Course Note: Students should have taken an intermediate-level course in biostatistics; BIO 210cd, BIO 211cd, BIO 213ab or equivalent.

Instructor: Dr. Roger Davis
8:30 a.m.–10:15 a.m. (Mon.–Fri.)
Lectures. 2.5 credits

EPIDEMIOLOGY

BEP 233t. Research Synthesis and Meta-Analysis Applications in Public Health and Clinical Medicine

Concerned with the use of existing data to inform clinical decision making and public health policy, the course focuses on research synthesis (meta-analysis). The principles of meta-analytic statistical methods are reviewed, and the application of these to data sets and policy issues is explored. Application of methods includes considerations for clinical trials and observation studies. The use of meta-analysis to explore data and identify sources of variation among studies is emphasized, as is the use of meta-analysis to identify future research questions. Students should have knowledge of biostatistical and/or epidemiologic methods. Course Activities: Students prepare a protocol to conduct a meta-analysis.

Instructor: Dr. Michael Stoto
3:30 p.m.–5:15 p.m. (Mon.–Fri.)
Lectures. 2.5 credits

EPH 286t. Implementing Prevention*

Examines the sources of evidence that guide recommendations for prevention and the classifications currently in use. Methods for research synthesis of the existing evidence will be reviewed. Strategies for prevention that address population-wide changes in risk will be considered including action by health care providers, regulatory change, and individual and community changes. Issues of risk assessment and risk communication will be addressed. Course Activities: Students will review a prevention strategy of their own choice and outline a plan for action. Course Note: Ordinal grading only.

Instructors: Dr. Graham Colditz, Dr. Karen Emmons
1:30 p.m.–3:15 p.m. (Mon.–Fri.)
Lectures. 2.5 credits

EPI 200s. Principles of Epidemiology

The study of epidemiology involves acquiring an informed perspective for evaluating observational data. This course is an introduction to the skills needed by public health professionals and clinicians to interpret critically the epidemiologic literature. It will provide students with the principles and practical experience needed to initiate the development of these skills. Lectures are complemented by seminars devoted to case studies, exercises, or critique of current examples of epidemiologic studies.

Instructor: Dr. Albert Hofman
10:30 a.m.–12:15 p.m. (Mon.–Fri.)
Lectures, class discussion, seminars. 2.5 credits

EPI 202t. Elements of Epidemiologic Research

Introduces elements of study design, data analysis and inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. Course Note: EPI 200a, EPI 200s, EPI 201a or EPI 208st required – concurrent enrollment permitted; BIO 200ab, BIO 200s and BIO 200t, or BIO 201ab required – concurrent enrollment permitted.

Instructor: Dr. Murray Mittleman
10:30 a.m.–12:15 p.m. (Mon.–Fri.)
Lectures, seminars. 2.5 credits

ENVIRONMENTAL HEALTH

EHE 215t. Environmental and Occupational Epidemiology

This course has three objectives: to review methods used in evaluating the health effects of physical and chemical agents in the environment, to review available evidence on the health effects of such exposures, and to consider policy questions raised by the scientific evidence. Topics include lectures on methodology, seminars on the review and criticism of current literature, and presentations by outside experts on specific environmental and occupational health issues of current interest. Course Note: EPI 200a, EPI 201a or EPI 200s required; BIO 200ab, BIO 201ab or BIO 200s and BIO 200t required.

Instructors: Dr. Douglas Dockery, Dr. Russ Hauser
1:30 p.m.–3:15 p.m. (Mon.–Fri.)
Lectures, case studies. 2.5 credits

HEALTH POLICY AND MANAGEMENT

HPM 209t. The Economics of Health Policy

Students will learn how to analyze important health policy issues through the application of basic economic principles. No previous economics training is required; concepts will be learned as they are needed to understand the policy analyses. Among the topics we will discuss are health insurance; hospital and pharmaceutical industry; malpractice; hospital mergers; an overview of cost-effectiveness analysis; internet and health; and health care reform.

Instructor: Dr. Yuanli Liu
10:30–12:15 (Mon.–Fri.)
Lectures, class discussion, seminars. 2.5 credits

HPM 253t. Quality Improvement in Health Care*

This course is designed for practicing physicians and those with an interest in health care management. It will explore the need for and methods to make breakthrough changes in health care quality. The students will learn the theoretical foundations and statistical methods for improvement, including customer-focused design, statistical methods, systems thinking and improvement principles. Cases and examples of clinical improvements in outcomes, access, cost improvements and operational breakthroughs will be used and the students will use personal improvement methods and patient interactions to demonstrate the new skills.

Instructors: Maureen Bisognano, Dr. Donald Berwick
1:30–3:15 p.m. (Mon.–Fri.)
Lectures, case studies. 2.5 credits

HPM 276s. Survey Methods and Applications in Health Services Research*

This course introduces students to health services research. The course includes sessions on both methodologic techniques and applications. Individual sessions will be devoted to research design, analyses of large databases, cost effectiveness analyses, survey methodology, assessment of health status, assessment of quality, measurement of access to care, risk adjustment, and statistical techniques pertinent to health services research. There will also be sessions reviewing managerial applications such as case management, use of hospital information systems, and targeting for high-risk patients. Students will be asked to critically review several papers during some of the sessions. In the final part of the course, students will work in small groups to critique a "grant proposal designed to study an important problem in health services or health policy research."

Instructor: Dr. Arnold Epstein
3:30 p.m.–5:15 p.m. (Mon.–Fri.)
Lectures. 2.5 credits

HPM 277s. Current Issues in Health Policy*

This course introduces students to the major health policy issues facing the United States today. The course focuses on the roles of hospitals, doctors, private and government insurance, and different systems for organizing and financing care (such as traditional fee-for-service, HMOs, and other forms of "managed care"). Individual sessions in the course will be devoted to topics such as medical malpractice, policy issues related to pharmacological therapy, physician payment, academic health centers, workforce, physician profiling, managed care, Medicare, Medicaid, AIDS health policy and ethical issues.

Instructors: Dr. Arnold Epstein, Dr. Anthony Komaroff
1:30 p.m.–3:15 p.m. (Mon.–Fri.)
Lectures. 2.5 credits

HPM 286s. Decision Analysis in Clinical Research*

Introduces the following topics: decision analysis methods relevant to clinical decision making and clinical research; the use of probability to express uncertainty; Bayes theorem and evaluation of diagnostic test strategies; sensitivity analysis; utility theory and its use to express patient preferences for health outcomes; cost-effectiveness analysis in clinical research and health policy; and uses and limits of decision analysis and cost-effectiveness in clinical decision making and research design. Course Note: Limited enrollment; priority will be given to participants in the Summer Program in Clinical Effectiveness.

Instructor: Dr. Sue Goldie
1:30 p.m.–3:15 p.m. (Mon.–Fri.)
Lectures. 2.5 credits

HPM 510s. Introduction to Management of Health Care Organizations

This course provides an introduction to two of the major tasks confronting managers of healthcare organizations. Building on an introduction to organizational theory, the course focuses on the main problems of organizational strategy and the management of human resources. This course makes extensive use of case-based classroom discussions as well as selected conceptual readings.

Instructor: Dr. Marc Roberts
8:30 a.m.–10:15 a.m. (Mon.–Fri.)
Lectures, case studies. 2.5 credits

HPM 512t. Medical Informatics*

This course will address the use of data from clinical information-systems in performing clinical effectiveness research, including the strengths and limitations of these data. Major topics will include an overview of medical informatics; discussion of the nature of computer-based data including medical vocabularies and obtaining information from clinical systems; and clinical systems with a focus on clinical decision support and how to evaluate their impact. Special topics will also be covered including large databases, the Web, confidentiality-related issues, information retrieval and patient computing. Students will have to write a paper about a proposed analysis using data from a clinical information system. Course note: Ordinal grading only.

Instructor: Dr. David Bates
1:30 p.m.–3:15 p.m. (Mon.–Fri.)
Lectures, class discussion, seminars. 2.5 credits

HPM 514t. Developing Questionnaires to Measure the Outcomes of Health Care*

This course emphasizes concepts, methods, and practical procedures for developing questionnaires for assessing patients' health status and outcomes of care. The course reviews qualitative and quantitative approaches to developing measures. Statistical methods needed to construct and use scales and indices successfully are presented and discussed. A group project is required in which students collaborate to construct an instrument, conduct a pilot test, administer a final form to colleagues, and analyze and present data on instrument performance. On the basis of their experience in this course, students will be able to locate available research-quality instruments for measuring healthcare outcomes, make intelligent choices among existing instruments, interpret the results of questionnaire-based data from their own and others' research, and participate in the development of original outcomes measurement tools. Course note: Limited enrollment; introductory courses in epidemiology and biostatistics or signature of the instructor required.

Instructors: Dr. Tracy Lieu
1:30 p.m.–3:15 p.m. (Mon.–Fri.)
Lectures, case studies. 2.5 credits

DEPARTMENT OF HEALTH AND SOCIAL BEHAVIOR

HSB 201s. Society and Health

Analyzes major social variables that affect population health: poverty, social class, gender, race, family, community, work, behavioral risks, and coping resources. Examines health consequences of social and economic policies, and the potential role of specific social interventions. Reviews empirical and theoretical literature on mechanisms and processes that mediate between social factors and their health effects, and discusses alternative models for advancing public health.

Instructor: Dr. Ichiro Kawachi
1:30 p.m.–3:15 p.m. (Mon.–Fri.)
Lectures, case studies. 2.5 credits

INTERDEPARTMENTAL

ID 251s. Ethical Basis of the Practice of Public Health: Health Care Delivery*

This course is intended to provide physicians and public health professionals with an understanding of the manner in which politics, economic concerns, law, and ethics interact in health care policy decisions in the United States. Through discussion of legal cases and articles from medical and ethics literature, we will explore such topics as managed care, access to health care, the physician-patient relationship, treatment refusal, medical errors, and financial conflicts of interest. Course Note: Fulfills a core course requirement for students pursuing an MPH degree at the Harvard School of Public Health.

Instructors: Dr. Troyen Brennan, Dr. Michelle Mello,
Dr. David Studdert
10:30 a.m.–12:15 p.m. (Mon.–Fri.)
3:30 p.m.–5:15 p.m. (Mon.–Fri.)
Lectures, case studies. 2.5 credits
This course is offered twice during the 's' session (July 1 - 26)

SUMMER SESSION FACULTY • 2002

Elizabeth N. Allred, SM (Harvard University); Statistician, Neuroepidemiology Unit, Children's Hospital. Twenty years experience with biomedical data management and analysis; epidemiology of disorders that occur in extremely premature newborns.

David W. Bates, MD (Johns Hopkins), MSc (HSPH). Chief, Division of General Medicine, Brigham and Women's Hospital; Medical Director of Clinical and Quality Analysis, Partners Healthcare Systems, Associate Professor of Medicine, Harvard Medical School. Measuring and improving quality using information systems, special focus on clinical decision support and on reducing error.

Donald Berwick, MPP, MD; Associate Professor, Department of Health Policy and Management; Clinical Professor Pediatrics and Health Care Policy, Harvard Medical School; President and CEO, Institute for Healthcare Improvement.

Maureen Bisognano, MS (Boston University), Instructor in Health Policy and Management, Executive Vice President and COO, Institute for Healthcare Improvement. Quality improvement in healthcare, strategic planning.

Troyen A. Brennan, MA (Oxford University), JD, MPH, MD (Yale University); Professor of Law and Public Health; Professor of Medicine, Harvard Medical School. Medical ethics; personal injury and environmental litigation; medical malpractice and health policy reform.

Graham A. Colditz, MD, DrPH Professor of Medicine (Harvard Medical School). Epidemiology of Chronic Diseases, guidelines, development and implementation, research synthesis and disease prevention.

Roger B. Davis, MA (University of Rochester), ScD (Harvard University); Associate Professor in the Department of Biostatistics. Associate Professor of Medicine, Harvard Medical School. Design and analysis of clinical trials; recursive partitioning methods; collaboration with medical investigators.

Douglas W. Dockery, SM, ScD (Harvard University), Professor of Environmental Epidemiology; Associate Professor of Medicine (Epidemiology), Harvard Medical School. Epidemiologic studies of health effects of air pollution and water intervention studies to reduce environmental exposures and responses.

Karen Emmons, MA, PhD (State University of New York at Stony Brook); Associate Professor of Health and Social Behavior. Health promotion; smoking and environmental tobacco-smoke health effects; work-site and community-based interventions.

Arnold M. Epstein, MA (Harvard University), MD (Duke University); Chair, Department of Health Policy and Management, Professor of Medicine, Harvard Medical School. Effects of organizational factors, financial incentives, and socioeconomic characteristics on process and outcomes of care.

Richard D. Gelber, MS (Stanford University), PhD (Cornell University); Professor in the Department of Biostatistics. Professor of Pediatrics, Harvard Medical School. Design and analysis of clinical trials; quality of life endpoints for clinical trials; statistical education of medical professionals.

Sue J. Goldie, M.D., M.P.H.; Assistant Professor of Health Decision Science in the Department of Health Policy and Management, Harvard School of Public Health. Cost-effectiveness of interventions for the prevention and management of sexually transmitted diseases (STDs) and their sequelae, particularly in vulnerable or marginalized populations.

Russ Hauser, MD (Albert Einstein College of Medicine), MPH, SM, SD, (Harvard University); Assistant Professor of Occupational Health. Epidemiologic studies of respiratory and reproductive disease. Specifically interested in the relationship between hormonally active chemicals and reproductive health.

Albert Hofman, MD (University of Groningen), PhD (Erasmus University); Adjunct Professor, Department of Epidemiology. Incidence and risk factors of Alzheimer's disease, vascular dementia, Parkinson's disease and Creutzfeld-Jakob disease. Determinants of atherosclerosis, heart disease and stroke.

Ichiro Kawachi, MD, PhD (University of Otago), DipCommH (College of Community Medicine of New Zealand); Associate Professor of Health and Social Behavior. Social inequalities in health, especially related to income distribution; stress and cardiovascular disease; quality of life and healthy aging; tobacco control.

Anthony Komaroff, MD (University of Washington); Professor of Medicine, Harvard Medical School. Clinical epidemiologic studies of common problems in primary care; computer systems in medical care. Publishing of medical information for the public.

Yuanli Liu, MD, PhD (University of Minnesota); Assistant Professor, Department of Population and International Health; impact of different financing and payment methods on equity and efficiency of healthcare, comparative health systems analysis.

Tracy Lieu, MD (University of California, San Francisco), MPH (University of California, Berkeley); Associate Professor in the Department of Health Policy and Management. Children's primary care delivery and outcomes; cost-effectiveness analysis.

Michelle Mello, M.Phil. (Oxford University), Ph.D. (University of North Carolina), JD (Yale University); Assistant Professor of Health Policy and Law. Public health law and ethics; research ethics; medical malpractice; medical errors and patient safety; mass tort litigation.

Murray A. Mittleman, MD, CM (McGill University), MPH, DPH (Harvard University); Assistant Professor in the Department of Epidemiology; Assistant Professor of Medicine, Harvard Medical School. Epidemiologic methods; cardiovascular epidemiology; stress and heart disease.

Marc J. Roberts, PhD (Harvard University); Professor of Political Economy. Health policy; environmental policy; ethical aspects of allocating scarce public health resources.

Kenneth E. Stanley, MA (Bucknell University), PhD (University of Florida); Lecturer on Biostatistics. Clinical trials; clinical and natural history research in HIV disease, estimating mortality attributable to tobacco in the presence of incomplete information.

Michael Stoto, (Ph.D., Statistics, Harvard); Senior Statistical Scientist, RAND. Research synthesis; epidemiology; surveillance; performance measurement; regional health data; public health and health policy.

David Studdert, LL.B. (University of Melbourne), M.P.H., Sc.D. (Harvard School of Public Health); Assistant Professor of Law and Public Health. Health law and regulation; medical malpractice, medical injuries, and quality of care; dispute resolution; medical ethics.

Marcia A. Testa, MPH, MPhil, PhD (Yale University); Senior lecturer on Biostatistics. Design, methodology, measurement, and analytical techniques for evaluation of quality of life and health economic outcomes in therapeutic clinical trials and quality of care research; statistical techniques for health transition models, structural equation modeling and large health outcomes database algorithms.

Constantin Yiannoutsos, Ph.D. (University of Connecticut, Storrs); Senior Research Scientist, Center for Biostatistics in AIDS Research. Neurology of HIV, neuropsychological testing, brain imaging, test validation, bayesian statistical methodology.

APPLICATION AND ADMISSION

The Summer Session for Public Health Studies

The application for the Summer Session is enclosed. All information regarding the application process is included. Please read the instructions carefully. Incomplete applications, those without an application fee, or applications lacking supporting documents or signatures will not be reviewed.

Application deadline: March 15, 2002.

In most cases, applicants will be notified of their admission status in writing.

Please Note: Admission to, or academic performance in, the Summer Session does not guarantee admission to the School's other full- and part-time academic degree programs, which require a separate application and admissions process. Current degree candidates at HSPH and individuals who have applied to a degree program at the School this admissions season (for the fall of 2002) must complete and sign the first page of the application but are not required to submit the application fee.

Housing

Students are responsible for their own housing. There are a variety of accommodation options available in the area including apartments, dorms, guest houses, bed and breakfast establishments and hotel rooms. For information about housing for summer students in the Boston area please contact: Peter Nersesian, by phone: 617-432-1035 or by e-mail: pnersesi@hsph.harvard.edu

Tuition and Fee Schedules

Tuition

In summer Session 2001, tuition for each 2.5 credit course was $1,575. Tuition rates for the summer of 2002 are not yet available. In summers past, tuition rates have changed by approximately 5%. There is a registration fee of $125.

These fees do not include certain course materials (i.e., texts estimated at $60 per course). In addition, participants are responsible for all other expenses associated with attending courses and/or living in Boston (i.e., food, housing, transportation, health insurance coverage).

Note: Financial assistance is not available for the 2002 Summer Session.

Fee Schedule

A deposit of $500 is due by April 27, 2002 *or by the date specified in letter of admission.* Balance of tuition due May 25, 2002.

Cancellation Policies

Students

Admitted students who withdraw from summer session courses on or before July 1 for Session 's' and July 26 for Session 't' will be reimbursed 100% of their tuition fee minus the $125.00 administration fee. A written request to withdraw must be received on/or before those dates to receive the full reimbursement. Withdrawal after those dates corresponds to a pro-rated schedule. Please contact Hildi Keary in the HSPH Registrar's Office at 617-432-1052 for more information.

Course Cancellation Policy

We reserve the right to cancel courses with insufficient enrollment.

Program Administration

Roberta Gianfortoni, MA
Director, Summer Session
Director for Professional Education, MPH Program

Hildi Keary, AB
Administrative Assistant for Summer Programs
Registrar and Admissions Offices

Richard R. Monson, MD, ScD
Associate Dean for Professional Education

For Further Information

For questions regarding Summer Session admission procedures, contact Hildi Keary: phone: 617-432-1052, fax: 617-432-2009, email: hkeary@hsph.harvard.edu

For questions regarding the Summer Session academic program or Master of Public Health Program, contact Roberta Gianfortoni: phone: 617-432-0090, fax: 617-432-3365, email: rgianfor@hsph.harvard.edu

To receive a Harvard School of Public Health catalogue and application for any of our degree programs, please request by phone: 617-432-1031, fax: 617-432-2009, or email: admisofc@hsph.harvard.edu

For Future Consideration

The 2003 Summer Session plans to repeat courses offered in 2002 and to offer additional courses.

Please visit our website at: http://www.hsph.harvard.edu/summer/brochure

Important Information on Completing the Application for Admission to the HSPH Summer Session • 2002

Application Deadline

All applications and supporting documents must be received by **March 15, 2002.** Applications submitted and/or completed after this date will not be considered for admission to the Summer Session.

Application Fee

A non-refundable application fee of $60.00 is required. A check drawn on a bank in the United States, a U.S. postal money order, or an international money order in U.S. currency, made payable to the Harvard School of Public Health must accompany your application. Please indicate your name on the check or money order. **Currently enrolled HSPH students or individuals who have applied to a degree program at HSPH for Fall 2002 and have paid a $60 application fee are not required to submit another application fee.** *All other applications without the fee will not be processed.*

Please Note

Admission to and participation in the Summer Session does not guarantee admission to a degree-granting program. If you are interested in applying to a degree-granting program either before or after attending the Summer Session, contact the Admissions Office at 617-432-1031 to request application materials. The Admissions Office can be reached by e-mail at admisofc@hsph.harvard.edu.

Similarly, admission to a degree-granting program at the School of Public Health does not guarantee admission to the Summer Session. Because the Summer Session courses are intensive, and because space is limited, current and entering HSPH students may not, in some instances, be admitted to Summer Session courses.

"A very interesting *and rewarding experience. Though a large amount of material was given in a short period of time, the method of education was excellent; lectures were clear; and the staff was efficient and supportive."*

— **Marina G. Anderson, MD**
student, Summer Session 2001, HSPH; Princess Marina Hospital, Botswana

Instructions for Completing the Application Form

The application form should be completed in full unless otherwise indicated (see Item IV). Please type, if possible, or print in black ink.

Each segment of information corresponds to the Roman Numeral on the application for admission.

I. Biographical Information

Name

Please provide your legal name in the spaces provided. If you have been affiliated with Harvard University under any other name, please indicate. If your name legally changes during the application process, you must submit appropriate legal documents supporting the name change.

Identification Numbers

Your U.S. Social Security number will be used only temporarily to identify your application in the local computer database until a nine-digit Harvard University ID number is assigned to you if your admission is accepted and confirmed. If you do not hold a U.S. Social Security card, a random nine-digit identification number will be assigned to you. After acceptance into the Summer Session and confirmation of enrollment, each student is assigned a Harvard University student ID number. If you already have a Harvard ID Number, whether as a student or a staff member, please indicate your previous affiliation and ID number in the space provided.

Address

Please provide a current address and day and evening telephone numbers. If your address or telephone numbers change during the admissions process please inform the Summer Session of such changes.

II. Course Selection

Please indicate on the application form the courses to which you are applying for admission. Please note course times and credit limits for each session. **If courses meet at the same time, indicate which is your first choice.** Refer to the program brochure for descriptions of course content and requirements, or check the school's website for course information: www.hsph.harvard.edu/registrar/courses/index.shtml

III. How Did You Hear About the Summer Session?

Please indicate how you heard about the Summer Session, using the appropriate code from the following choices:

Code/Source

51 I attended a previous Summer Session
52 HSPH community (word of mouth)
53 Colleague
54 HSPH Admissions Office
55 Summer Session postcard in the mail
56 Summer Session brochure in the mail
57 APHA annual meeting
58 Nation's Health ad
59 NEJM ad
60 Epi Monitor ad
61 MPH Office at HSPH
62 HSPH Web site
63 Other Web site (please specify)

IV. Release of Application Materials Previously Submitted to HSPH

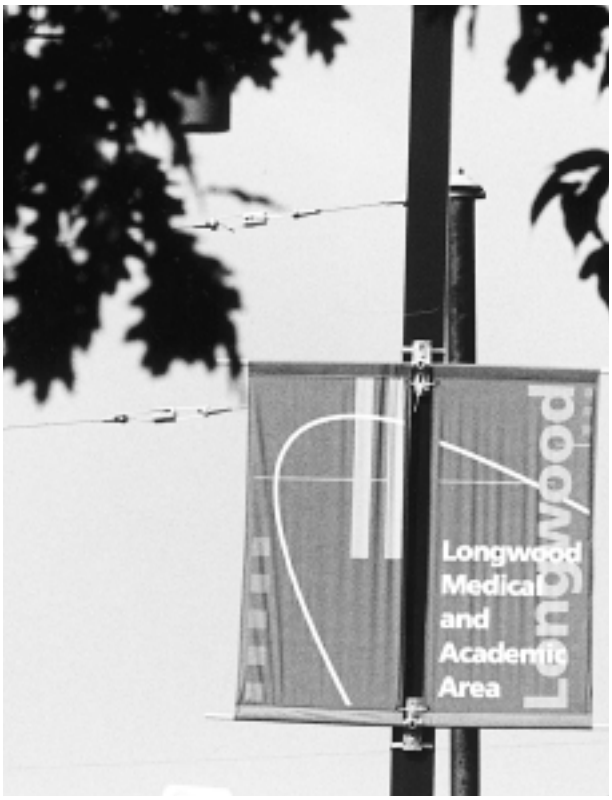
If you have applied for degree candidacy at the Harvard School of Public Health for the 2002-2003 academic year, you may authorize the Admissions Office to release your application materials to the Summer Session by signing in the space indicated. All materials submitted in support of your application for admission to degree candidacy will be released to the Summer Session reviewers. If you are a current student or current degree candidate, you may skip parts V through IX and sign here to release your application materials from the Registrar's Office to the Summer Session.

V. Citizenship

Indicate your citizenship by checking the appropriate category and provide the additional information requested. Note that if you are a permanent resident of the United States (Green Card holders only) you must submit a photocopy of the front and back of your permanent resident card.

VI. Optional Questions

Answers to questions in this section are optional. The answers are requested for statistical reporting only. Choosing not to provide answers to some or all of these questions will in no way influence the decision regarding your application for admission.



VII. Professional Experience

Please indicate your most recent occupation by using the appropriate code listed below. Also indicate the length of time (in years) you have been in this occupation. **Please enclose your current resume or curriculum vitae.**

Code/Occupation

02	administrator
08	biostatistician
12	dentist
14	economist
15	educator
16	engineer
18	environ'l scientist
19	epidemiologist
20	health educator
22	health service administrator
24	hospital administrator
27	journalist
28	laboratory scientist
29	lawyer
33	nurse
34	nutritionist
38	pharmacist
40	physician
44	psychologist
45	rehabilitationist
47	social worker
48	sociologist
49	statistician
54	bachelor's degree student
55	master's degree student
56	doctoral degree student
57	other (please specify)
58	medical resident
59	research assistant
98	dental degree student
99	medical degree student

VIII. Education

List all colleges and professional schools you have attended, starting with the most recent, whether or not you received relevant academic credit from that institution. **Please submit transcripts from each institution from which you received a degree.** You may either ask the institution to send a copy of the transcript directly to the Summer Session, or you may forward it to us yourself. If your academic institution does not provide transcripts, you may have the Registrar submit remarks, rank in class, position in examinations, course curriculum, etc., in place of the transcripts. If the institution does not keep records in English, the transcript must be translated into English.

IX. Standardized Tests

The Test of English as a Foreign Language (TOEFL)

All students applying from countries where English is not the language of instruction and all U.S. permanent residents and U.S. citizens who were granted permanent residency or citizenship after January 1, 2001 must submit a TOEFL score report (minimum score of 560 on the paper-based test or 220 on the computerized test is required) to the Summer Session before their applications will be considered.

Admissions Tests: "Do I have to submit a GRE score report?"

The Summer Session strongly encourages you to submit a score report from the GRE (or an appropriate substitute as outlined below) along with your application. Scores from such standardized tests can provide important information about your quantitative aptitude in particular. **If the transcript you submit from a baccalaureate or post-baccalaureate program does not include a grade for a college-level mathematics course, you must submit a standardized test score report.** You may submit a photocopy of your score report.

Scores from the following examinations are acceptable under the following circumstances:

Dentists and current dental students may submit scores from the Dental Admission Test (DAT)

Applicants holding an MBA or DBA, or current MBA or DBA students, may submit scores from the Graduate Management Admission Test (GMAT)

Physicians and current medical students may submit scores from the Medical College Admission Test (MCAT)

Attorneys and current law school students may submit scores from the Law School Admission Test (LSAT)

"**Summer Session** *is a terrific way to enter the full degree program. Even though the coursework is intensive, there's a little extra 'breathing room', which helps reentry into the academic world."*

— **John H. Knowles, Jr., MBA**
current MPH student, HSPH; MPH, Family and Community Health

X. Statement of Intent

On a separate sheet of paper, please describe your areas of interest in public health, your reason for wanting to attend the Summer Session, and your career plans. Your statement should be typed, double-spaced, and no more than 500 words long.

XI. Signature

You must sign and date the completed application. Your signature certifies that the information provided by you on all sections of the application and any supplementary sections is complete and accurate in every respect, and that you understand that any misrepresentation or omission may be cause for denial of admission or revocation of academic record. Your signature also certifies that you understand that any materials submitted with your application become the property of the Harvard University School of Public Health. **Even if you have signed the release authorization at Roman Numeral IV, you must sign and date the application here.**

Unsigned applications will be returned to the applicant with a request for signature. Applications without a signature will not be processed.

XII. Mail Completed Application and Fee to:

Hildi Keary, Summer Programs
Admissions Office-HSPH
677 Huntington Ave., Rm G-4, Boston, MA 02115

As a matter of policy, law and commitment, the Harvard School of Public Health does not discriminate against any person on the basis of race, color, sex, sexual orientation, religion, age, national or ethnic origin, political beliefs, veteran status, or handicap in admission to, access to, treatment in, or employment in its programs and activities.

For more information regarding Summer Session admissions procedures, contact:
Hildi Keary, Administrative Assistant for Summer Programs
Phone: 617-432-1052
Fax: 617-432-2009
email: hkeary@hsph.harvard.edu

For questions regarding Summer Session academic program and the Master of Public Health Program, contact:
Roberta Gianfortoni, Director, Summer Session
Phone: 617-432-0090
Fax: 617-432-3365
email: rgianfor@hsph.harvard.edu

Application for Admission – Harvard School of Public Health
Summer Session for Public Health Studies • 2002

I. Biographical Information

A. Name

Prefix: _____ (Ms., Mr., Dr., etc.) Name: _____ (Last (Family)) (First) (Middle)

Suffix: _____ (Jr., M.D., R.N., etc.) Maiden Name: _____

Have you applied to or attended another school or taken a standardized test that you are submitting with this application under another name?

☐ yes ☐ no If yes, under what name: _____

B. Identification Numbers

U.S. Social Security Number: _____

Please list the dates of any previous attendance or employment at Harvard University, and your Harvard ID Number:

From _____ (MM/YY) to _____ (MM/YY) Harvard ID Number: _____

C. Address and Telephone

_____
Number and Street

_____
City, State and Zip Code | Country | Email Address

_____
Telephone (Daytime) | Telephone (Evening) | Fax Number

II. Course Selection

Please check the courses to which you are applying for admission. If you are applying to more than one course in the same time slot, please indicate your first and second choice. Please note: students may register for a maximum of 5 credits per session. All courses are 2.5 credits.

S session

☐ BIO113s, Introduction to SAS (3:30-5:30PM)
☐ BIO202s, Principles of Biostatistics, Part I (8:30-10:15AM)
☐ EPI200s, Principles of Epidemiology (10:30-12:15PM)
☐ HPM510s, Introduction to Management of Health Care Organizations (8:30-10:15AM)
☐ HSB201s, Society and Health (1:30-3:15PM)

S session Limited Enrollment

☐ HPM276s, Survey Methods and Applications in Health Services Research (3:30-5:15PM)
☐ HPM277s, Current Issues in Health Policy (1:30-3:15PM)
☐ HPM286s, Decision Analysis in Clinical Research (1:30-3:15PM)
☐ ID251s, Ethical Basis of the Practice of Public Health: Health Care Delivery (10:30-12:15PM)
☐ ID251s, Ethical Basis of the Practice of Public Health: Health Care Delivery (3:30-5:15PM)

T session

☐ BIO203t, Principles of Biostatistics, Part II (8:30-10:15AM)
☐ BEP233t, Research Synthesis and Meta-Analysis Applications in Public Health and Clinical Medicine (3:30-5:15PM)
☐ EHE215t, Environmental and Occupational Epidemiology (1:30-3:15PM)
☐ EPI202t, Elements of Epidemiologic Research (10:30-12:15PM)
☐ HPM209t, The Economics of Health Policy (10:30-12:15PM)

T session Limited Enrollment

☐ BIO214t, Principles of Clinical Trials (10:30-12:15PM)
☐ BIO224t, Survival Methods in Clinical Research (8:30-10:15AM)
☐ EPH286t, Implementing Prevention (1:30-3:15PM)
☐ HPM253t, Quality Improvement in Health Care (1:30-3:15PM)
☐ HPM512t, Medical Informatics (1:30-3:15PM)
☐ HPM514t, Developing Questionnaires to Measure the Outcomes of Healthcare (1:30-3:15PM)

III. How did you hear about the Summer Session? Please place a code in the space provided. See page 12.

How did you learn about the Summer Session? _____ (Code) / _____ (Description)

IV. Release of Application Materials Previously Submitted to HSPH

If you have applied for degree candidacy at the Harvard School of Public Health for the 2002-2003 academic year or are a current degree candidate, you may authorize the Admissions and Registrar's Offices to release your application materials to the Summer Session by signing below. I hereby authorize the Admissions Office of the Harvard School of Public Health to release the contents of my application for admission to degree candidacy to the Harvard School of Public Health Summer Session for Public Health Studies.

_____
Signature Date

V. Citizenship

My country of citizenship is _____ My place of birth is _____
City Country

☐ I am a U.S. Permanent Resident (Green Card holders only – a copy of front and back of Green Card must be enclosed).

To be completed by those who are not U.S. citizens or by those who do not hold U.S. Permanent Resident status (Green Card):

☐ I currently hold a: ☐ F-1 visa for the U.S.A. ☐ J-1 Its expiration date is _____
(MM/DD/YY)

VI. Optional Questions

Sex: ☐ Male ☐ Female Date of Birth: _____
(MM/DD/YY)

Ethnic Background:

For U.S. citizens only (please check the appropriate box)

☐ African American ☐ Chicano/Mexican American ☐ Other Hispanic

☐ Asian American or Pacific Islander ☐ Puerto Rican ☐ White

☐ Other, please describe: _____

☐ American Indian or Alaskan Native Tribal Affiliation: _____

VII. Professional Experience

What has been your most *recent* occupation? See instructions, page 13, for code number. Please include a resumé or c.v. with your application.

_____ _____
Code/Description Years in this position

VIII. Education

School: _____
Location Dates Attended Degree Received Date Awarded

School: _____
Location Dates Attended Degree Received Date Awarded

School: _____
Location Dates Attended Degree Received Date Awarded

IX. Admission Tests *(See application instructions in booklet, pages 12, 13 and 14.)*

Type of Test: _____ Date: _____ Score(s): _____

Type of Test: _____ Date: _____ Score(s): _____

X. Statement of Intention

On a separate sheet of paper, please describe your areas of interest in public health, your reason for wanting to attend the Summer Session, and your career plans.

XI. Signature *(Please note that your application will not be processed without it.)*

I hereby certify that the information given by me on the various sections of this application and any supplementary materials submitted are complete and accurate in every respect, and I understand that any misrepresentation or omission may be cause for denial of admission or revocation of academic credit. I also understand that my application and any materials submitted with my application become the property of the Harvard School of Public Health.

_____
Signature Date

XII. Mail Completed Application and Fee to:

Hildi Keary, Summer Programs, Admissions Office, Harvard School of Public Health, 677 Huntington Ave., G-4, Boston, MA 02115