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Alvin I. Mushlin, M.D., Sc.M.
Chairman
The Nanette Laitman
Distinguished Professor of Public Health
Public Health Physician-in-Chief of the NewYork-
Presbyterian Hospital – Weill Cornell Center
Professor of Medicine
Extramural Activities
GE-AUR Radiology Research Academic
Fellowship
National Board
New York Academy of Medicine,
Membership Committee
AcademyHealth, Chair of the Technology,
Innovation & Evaluation Section Program
Committee
Agency for Health Research and Quality (AHRQ),
Chair of the Study Sections Group
Professional Memberships
American College of Physicians
American Federation for Clinical Research
American Public Health Association
Association for Health Services Research
Association of Teachers of Preventive Medicine
Herman Biggs Society
New York Clinical Club
New York Academy of Medicine
Society of General Internal Medicine
Society for Medical Decision Making
Health Technology Assessment International

Message from the Chairman

I am pleased to share the Department of Public Health's 2001-2003 Bi-Annual Report with you. These years have seen sizable growth and progress in our Department as we pursue our goal of healthcare excellence through the joining together of the public health and bio-medical sciences.

During the past two years, the Department of Public Health has continued to work toward fulfilling our mission of advancing scholarly research through the public health disciplines, strengthening medical education, and improving healthcare to the community, while helping to increase the efficiency and effectiveness of our medical system. Our faculty are tackling some of the top issues in public health, from disease prevention to the rising cost and variable quality of healthcare to important public health problems including drug addiction, HIV/AIDS and bioterrorism – and our work reflects the growing need to address these matters.

Our Department is unique as a public health unit since it is an integral part of an academic medical center. This allows us special collegial access to the Hospital and healthcare system as "laboratories." We collaborate with fellow faculty and clinical investigators on biomedical and public health research of shared interest, and assist the Hospital with regard to cost, delivery and quality of care, as well as community outreach. At the same time, we function as an educational component of the Medical College, sharing our expertise with students and shaping the school's curriculum. The Department strives to create a learning environment in which students can acquire new knowledge and skills enabling them to improve the health of their patients and the communities they serve.

Our work is progressive, far-reaching and consistent with the beginnings of this Department in the early twentieth century. I invite you to read the Historical Overview of the Department of Public Health that follows this message and that further explains how and why this Department was founded, including how our role has evolved at the Weill Medical College and within the NewYork-Presbyterian Hospital network.

The Division Reports offer a comprehensive overview of each division's accomplishments, faculty members and research efforts from 2001 to 2003. In the Department Profile you will find facts and figures that provide a statistical snapshot of our growth and where we currently stand in terms of funding, expenses and personnel.

Our Department is collaborative by nature. Nothing exemplifies this more than our new initiatives such as the Women's Health and Research Group headed by Dr. Tracy Nichols. This group will conduct and promote research in women's health issues in conjunction with our colleagues throughout the Medical Center – a timely and necessary initiative. The past few years have seen

an important emphasis on women's health issues and an increase in the number of clinics, physicians and specialties that focus on women's health. A complementary and cohesive research agenda is needed to build on this and to improve care in the future. In order to implement this agenda, individuals from each division in the Department of Public Health will team with various clinical departments in the Medical College.

Our Clinical Research Methodology Core, led by Dr. Linda Gerber, collaborates with investigators engaged in research at the Weill Medical College and the Graduate School of Medical Sciences to provide assistance with writing competitive research proposals and to analyze data from completed projects. This group, along with the Cornell Analytic/Consulting Services Core run by Dr. Madelon Finkel, brings all the expertise and scientific disciplines of the Department together on a single project. Additional examples of collaboration are the quality of care studies led by Dr. Mark Callahan and the Outcomes Division in conjunction with the clinical faculty and the New York-Presbyterian Hospital network. This work directly improves patient safety and the delivery of healthcare while developing new insights about quality of healthcare throughout our country.

Our Department is progressive. Even before the tragic events of September 11, we were working on ways to organize and deliver services that might be necessary in a bioterrorist attack. Dr. Nathaniel Hupert has done an outstanding job in this area and his work on bioterror response models has earned national attention. More importantly it is being relied on here in New York and throughout the nation to strengthen the public health infrastructure.

Medical ethics has also become an active part of the American conscience as people struggle with such issues as stem cell research, the right to die, and how to apportion limited resources in healthcare. Our Medical Ethics Division, formed just three years ago under the leadership of Dr. Joseph Fins, has established a capacity at the College and Medical Center to assist with these issues. Its Faculty Associates Program is developing a new cadre of faculty members throughout the College in the area of medical ethics, further strengthening this division and its work.

In January 2003, our Division of Community and Public Health Programs began extensive preparation and training for the December 2003 survey of its Adult and Adolescent Methadone Clinics by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO). We used this opportunity to reorganize and streamline the services that they provide, positioning ourselves for ongoing leadership in this type of care. Not only was this accomplished but our clinics were also recognized with a superb score.

The future holds many opportunities for us. We are in the process of creating a sixth division that will have a methodological focus. This division, to be headed by a biostatistician, will answer the need within our Department and throughout our medical center for experts in research methods. These new colleagues will assist others with designing, implementing and analyzing data from their research projects, while pursuing their own research to improve the tools and techniques for clinical and public health research. Our Division of Prevention and Health Behavior under Dr. Gilbert Botvin's direction has charted an exciting and expanded research course in prevention as part of their planning for a recent continuation grant proposal.

The Medical College is embarking on Dean Gotto's strategic plan, a major component of which is to strengthen clinical research. Because clinical research involves patient populations and clinical databases, we are increasingly called upon to work with and assist the rest of the Medical College in doing state-of-the-art, cutting-edge clinical research. The methods that are key elements in this type of research fall under the discipline of public health and include biostatistics, epidemiology, behavioral science and outcomes research. The College's Clinical Research Task Force is also developing an educational strategy to support this research mission. Last semester, we introduced a

new graduate course entitled "Foundations of Clinical Research." Designed for faculty, fellows and residents interested in developing clinical research projects, "Foundations" will be one of the required courses in a new Weill Cornell certificate program and master's degree in clinical investigation.



Division chiefs pictured with Dr. Mushlin

We look forward to enhancing other graduate education activities in conjunction with the Ithaca campus and our colleagues at Columbia University. Our newly created Pfizer Research Fellowship in Health Services Research, a two-year fellowship offering mentored research with co-mentorship of faculty from our Division and the Outcomes Research group at Pfizer, Inc., will give us the opportunity to add significantly to our graduate education efforts and strengthen our already excellent residency in General Preventive Medicine.

Our accomplishments are largely because of our talented and dedicated faculty and their hard work. They have also supported my efforts to organize and evolve the Department. We have continued to add faculty and have had very little turnover. When I joined the Department as Chair in 1999, many faculty had been here for a long time. Without their flexibility and enthusiasm, we could never have become what we are today. Dean Gotto and President Pardes have provided us with guidance and strongly encouraged our ideas, our participation, and our initiatives.

I would especially like to recognize the generous support of informed and dedicated citizens like Nanette Laitman, who funded my chairmanship, and Bob Rosencrantz for his contributions to our Outcomes and Effectiveness Research and Medical Ethics Divisions. I extend a special thank you to Ann Coté-Taylor, who is leading our fundraising efforts for a Medical Ethics professorship. These are examples of people who truly understand our Department and the importance of its mission.

I hope that after reading this report, you too will share in our excitement for the future as we continue our crusade to enhance academic medicine and promote healthcare excellence through public health research and education and through collaboration with our partners in healthcare delivery.

Alvin I. Mushlin, M.D., Sc.M.
Chairman

The Department of Public Health – A Historical Overview

The Department of Public Health can trace its beginnings to 1899, when, one year after its founding, Cornell University Medical College established the Department of Hygiene and Sanitary Science – one of the special departments of Medicine and Surgery. The Department, which was created to enhance undergraduate education in Hygiene and to address the growing demands of public health, served as a nucleus for the development of the present-day Department of Public Health.

Dr. John C. Torrey, who later became our first chairman, joined the Medical College's faculty in 1908 as a Lecturer on Hygiene and an instructor in Experimental Pathology. Prior to that time, no instruction was given to Cornell Medical students on environmental control or the prevention of infectious disease transmission. Dr. Torrey was appointed the College's first Professor of Hygiene in 1916. In 1927, he was granted permission to change the Hygiene Department's name to the Department of Public Health and Preventive Medicine to better reflect the content of the subject matter presented in his courses. At the same time, its organizational structure was raised to that of a full department.

Departmental projects under the leadership of Dr. Wilson Smillie, who served as Chairman from 1937 to 1955, anticipated many of our current healthcare concerns and issues, with a particular focus on medical sociology. He wrote about the importance of preventive medicine and the role doctors should take: "[Physicians] need to predict what the social structure will be during the next 30 to 50 years and to try to understand what problems in medical care will arise." Dr. Smillie was also interested in the effectiveness of multi-phasic screening tests for the early detection of syphilis, tuberculosis, diabetes and other chronic diseases.

While Chairman, Dr. Smillie developed major changes to the content of what students at the College were taught, such as: 1) incorporating preventive medicine as an integral part of clinical practice 2) understanding the responsibilities of the community in health protection and health promotion and 3) learning the responsibility of the practicing physician in the community regarding matters related to public health.

When Dr. Walsh McDermott – a nationally known researcher in infectious disease and a major leader in the development of local and national health policy – became Chairman in 1955, his research helped to establish the branch of public health on which we currently focus. Interested in the role that better medical care could play in the health of a population, his progressive ideas formed the foundation for the work we do today. Dr. McDermott believed that medical schools and hospitals should be conscious of the full spectrum of healthcare delivery from the poor to the middle class and affluent. An important health services research project under his leadership was the Arizona-based Navajo-Cornell Field Health Project conducted from 1955 to 1962. The project involved research on the problems of introducing modern technology, such as medicine and medical care delivery systems, into a tribal society. It was instrumental in establishing a program which both aided the Native Americans and provided an approach for the U.S. government to follow in its foreign aid policies toward developing nations.

From 1972 to 1992, Dr. George G. Reader served as Chairman, bringing his internationally recognized expertise in the fields of community medicine and medical education to our Department and thereby further broadening our agenda. He continued Dr. McDermott's focus on the sociological component of medicine – the behavior of patients and how they react, or don't react, to health services and delivery methods, and how to improve these services. Before beginning his 20-year leadership of our





The Navajo-Cornell Field Health Project was conducted from 1955 to 1962. Here, a Cornell researcher administers an immunization to a Navajo child.

Department, Dr. Reader served as Director of the College's Medical Comprehensive Care and Teaching Program from 1952 to 1969. The program offered fourth-year medical students a synthesis of the many disciplines to which they had already been exposed, including a public health focus on more advanced epidemiologic studies of diseases important to clinicians.

By the 1980s, our Department, which had changed its name to the Department of Public Health in 1960, was involved in a wide range of research including the effect of the AIDS epidemic on the U.S. healthcare system, drug and alcohol abuse, death and dying, HMOs and other managed care approaches, healthcare for the homeless, and smoking prevention assessment.

Dr. Robert B. Millman, who now heads our Division of Community and Public Health Programs, was named Acting Chair of the Department in 1992, a position he held until 1999. Dr. Millman was appointed the first Saul P. Steinberg Distinguished Professor of Psychiatry and Public Health in 1989. The professorship was endowed specifically to promote research, education, and treatment in the field of substance abuse and addictive diseases, an area of emphasis developed during his tenure and one he continues to focus on in the Department.

Upon joining Weill Cornell as Dean in 1997, Dr. Antonio Gotto, Jr., renewed and strengthened the Medical College's commitment to our Department. In September 1999, Dr. Alvin I. Mushlin was recruited from the University of Rochester and named the next Chairman of the Department and the Nanette Laitman Distinguished Professor of Public Health. This new professorship was endowed by Mildred Lasdon in honor of her daughter, Nanette Laitman.

Dr. Mushlin reorganized our Department into its current division structure and has strengthened our research and academic programs. At the time of his arrival, our Department became a clinical, as well as basic science department. This has led to an increasingly important role for the Department in support of our healthcare institutions. In addition to recruiting new faculty, Dr. Mushlin initiated the complete renovation of our Department's research and administrative space at the Kips Bay building. Following in the footsteps of our Department's former leaders, our work addresses contemporary healthcare concerns and issues ranging from the development of local and national healthcare policy to the prevention of smoking, violence, and drug and alcohol abuse. We are interested in the issues of quality, access and cost of care.

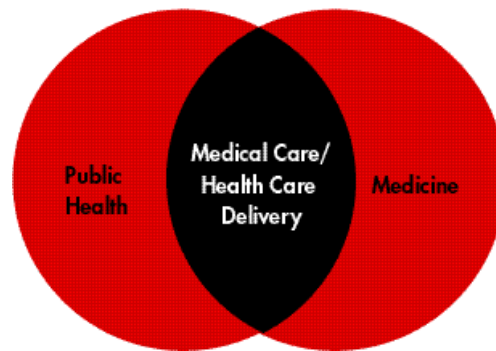
Today, America spends 99 percent of the healthcare dollar on medical services – doctors, hospitals and clinics. This accounts for 15 percent of the U.S. gross domestic product (GDP). In 2002 alone, healthcare spending in the U.S. surged to \$1.6 trillion, a 9.3 percent increase over 2001, according to the Centers for Medicare and Medicaid Services. Clearly, healthcare and personal health are top priorities for the majority of Americans. Recognizing this, our Department is working to help our hospitals and clinics function as efficiently and effectively as possible to improve the health of the population – as well as provide tomorrow's doctors with a medical school

education that prepares them to undertake this challenge. At the same time, we continue to contribute to the body of published academic research in public health and medicine.

Many of our faculty members hold dual degrees in medicine and public health, further strengthening our vision of the successful interface between public health and medicine. Our multi-disciplinary faculty – with its combined expertise in epidemiology, biostatistics, health economics, policy analysis, outcomes and effectiveness research, medical ethics and the behavioral sciences – supports the tripartite mission of the Medical College and Hospital to provide first-rate, high-quality care for its patients, educate the next generation of physicians and medical scientists, and advance the science and art of the medical professions.

Consistent with our history, the Department of Public Health continues to integrate medicine and public health to benefit the community, working closely with our colleagues at the Medical Center. It is our mission to improve healthcare and strengthen medical education by bringing the public health disciplines into the Medical College and NewYork-Presbyterian Healthcare System’s research, patient care and teaching efforts. Soon after joining the Public Health Department as Chairman, Dr. Mushlin developed a model (see image on right) to graphically illustrate this vision for our Department.

As the new year unfolds, we continue our pursuit of an agenda that will enable us to achieve our goal of improving the health of the population by applying the public health sciences and disciplines to the research, teaching and service activities of the Medical College and our academic health center system.



This model illustrates healthcare excellence through the joining together of the public health and bio-medical sciences.

The Department of Public Health: 1999-2003



September 1999
Alvin Mushlin
 Alvin Mushlin is named the Nanette and Ralph Lubin Distinguished Professor of Public Health, Chair and Physician-in-Chief.

October 1999
Department Reorganized
 The Department is reorganized as a clinical, as well as basic science department, with the full cooperation of the Hospital.

January 2000
Lorraine & Ralph Lubin Distinguished Visiting Professorship
 The Lorraine and Ralph Lubin Visiting Professorship is created with a gift from Dr. Madelon Lubin Finkel and her family.

April 2000
Cornell Analytic/Consulting Services Established
 Dean Gotto endorses establishment of a new consulting unit to provide consulting services in the areas of epidemiology, biostatistics and health economics to outside organizations. Dr. Madelon Finkel is named Director.

June 2000
Faculty and Staff Move to Temporary Quarters on 76th Street
 Complete demolition and renovation of Departmental space in the Kips Bay building begins.

July 2000
Outcomes Division Incorporated into Department
 Members of the Network Office of Outcomes Research join the Department and establish a new Division. Dr. Mark Callahan is named Chief.

September 2000
Integrated Delivery System Research Network Award
 Weill Cornell Medical College, and its Department of Public Health, in collaboration with the Mailman School of Public Health, the International Center for Health Outcomes and Innovation Research, and the Department of Informatics of Columbia University, is one of the nine selected institutions to form the Integrated Delivery System Research Network (IDSRN). The network is funded by AHRQ/DHHS.

September 2000
Clinical Research Methodology Core Established
 In collaboration with the Office of Research and Sponsored Programs, the Department establishes the Clinical Research Methodology Core to provide biostatistical and methodological support to Cornell investigators. Dr. Linda Gerber is named Director.

February 2001
Evidence-Based Medicine Module Created
 The Department adds Evidence-Based Medicine to the MPS I curriculum.

May 2001
Grand Re-opening of Renovated Spa
 In celebration of the re-opening of the newly renovated spa the Department hosts reception for friend and colleagues.



2001
 Division of
 Medical Ethics is
 formally established by
 Dean. Dr. Joseph
 is named Chief.

September 2001
 Bioterrorism
 Research Assists
 NYC Response
 Research led by Dr.
 Nathaniel Hupert is
 utilized by New York
 City at Ground Zero.

September 2001
 Adult Services
 Clinic Joins
 Department
 A Dean-commissioned,
 tri-institutional
 committee recommends
 that the Department
 assume responsibility
 for consolidated
 Methadone Programs.
 In September, staff of
 the Adult Services
 Clinic officially join the
 Department.

September 2001
 New Training
 Program in
 Medical Ethics
 Created
 With funding from the
 Fan Fox and Leslie R.
 Samuels Foundation
 and the Littauer
 Foundation, the
 Division of Medical
 Ethics establishes the
 Faculty Associates
 Program.

September 2002
 Department Plays
 Key Role in
 Clinical Research
 Dean Gotto establishes
 the Clinical Research
 Task Force. Dr. Alvin
 Mushlin chairs its
 "Clinical Research
 Process and Resources
 Subcommittee."

October 2002
 Department Takes
 Lead in Qatar
 The Department
 submits the first
 research project to the
 Weill Medical College
 in Qatar, entitled
 "Diabetes in Qatar: A
 Study of its Frequency,
 Causes and Care."
 In collaboration with
 Dean Alonso, the
 Division of Medical
 Ethics recruits Dr. Pablo
 Rodriguez del Pozo,
 our first Public Health
 faculty member to be
 located at the Qatar
 campus.

Oct. 2002
 \$1.6M HRSA
 Grant Awarded
 to Department
 HRSA awards Dr. Bruce
 Schackman and his
 research team a \$1.6M
 Ryan White Grant to
 study the benefits of
 information technology
 for those with HIV.

June 2003
 National Public
 Health
 Preparedness
 Guidelines
 The U.S. Department of
 Health and Human
 Services announces the
 release of a new
 computer model,
 developed by
 Dr. Nathaniel Hupert
 and researchers in the
 Department, that will
 help health officials
 better plan
 large-scale antibiotic
 dispensing and
 vaccination responses
 to bioterrorism and
 large-scale
 epidemics.

June 2003
 Quality of Care
 Conference
 Funded by the AHRQ,
 the National
 Conference on
 Leadership, Culture,
 and Patient Safety is
 held in Washington,
 DC. The event
 emphasizes how
 leaders conceptualize
 and catalyze
 multidisciplinary
 solutions to enhance
 patient safety.

July 2003
 Women's
 Health Research
 Group Formed
 The Women's Health
 Research Group,
 a multidisciplinary
 group of research
 in the Department
 of Public Health, is
 officially formed.
 The group is led by
 Dr. Tracy Nichols



"I find it truly rewarding when our work has resulted in major improvements in quality of care, because I know it reaches more patients than I can ever reach as an individual physician. When we've raised the quality of care standards across an institution, hundreds, if not thousands of patients benefit."

– Mark A. Callahan, M.D.
Division Chief

The Division of Outcomes and Effectiveness Research

The Department of Public Health seeks to increase the efficiency and effectiveness of healthcare delivery by understanding current treatment patterns and delivery systems. The Division of Outcomes and Effectiveness Research, led by Mark A. Callahan, M.D., supports this mission to improve quality and reduce inappropriate variations in patient care through the application of health services research to important clinical issues. The Division evaluates the intersection of medical care delivery and evaluative techniques by examining issues of quality, efficiency and how to best organize the delivery of healthcare. The Division conducts research that seeks to answer such questions as: Are physicians and hospitals offering the most current evidence-based medicine? Are patients benefiting from what the best medical evidence shows works and doesn't work for different diseases? With a particular emphasis on cardiac disease, asthma, cancer and HIV, faculty members often collaborate with experts in those clinical areas from the Medical College and other institutions in the region.

In the aftermath of September 11, Americans were faced with the reality of terrorism at home and an increasing awareness of our vulnerability in this hostile era. The subsequent discovery of anthrax-laced mail in several U.S. cities added the threat of biological attacks to our country's growing fear of terrorism. The Division of Outcomes and Effectiveness Research was already working on computer simulation models on how to best organize emergency response to similar attacks. The Division's work in this area, led by Nathaniel Hupert, M.D., M.P.H., has grown with multiple federal grants designed to ask questions on how to best organize and respond to large-scale biological attacks. This work applies a variety of analytical techniques and has been a centerpiece for national efforts in the planning and prevention of attacks. The computer models developed under these projects are currently being used by many U.S. communities working to comply with federal guidelines on preparedness for large-scale disasters.

With the support of external agencies and industrial sponsors, the Division continues to be active in a number of research projects focused on quality of care and outcomes studies, racial and ethnic disparity, the impact of bacterial antibiotic resistance, and how to best use information technology (IT) to improve care.

Of particular note, Bruce R. Schackman, M.B.A., Ph.D., was awarded a \$1.6 million HRSA grant to study the benefits of information technology on HIV care. The project, implemented at the Specialty Care Center at New York Hospital Medical Center of Queens, evaluates the impact of patient-driven computerized data collection on quality and outcomes of care. Further research on the use of IT interventions has been funded by the Agency for Healthcare Research and Quality (AHRQ). The Division

Outcomes and Effectiveness Research

collaborated with the Visiting Nurse Service of New York on one such project that looks at improving communication discharge from the hospital to home health services. Another grant examines the impact of electronic ICU decision support systems on quality of care.

In June 2003, the Division organized a national conference in Washington, DC, on the role of leadership, culture and patient safety, which was attended by more than 100 members of the medical and public health community. At the AHRQ-funded event, national industry and healthcare leaders addressed the role of physician culture in patient safety, the influence of regulatory and legal issues on patient safety, and how financial incentives interact with cultures and society.

On the teaching front, the Division just launched "Foundations of Clinical Research." Designed for faculty, fellows and residents interested in developing clinical research projects, this graduate-level course provides an introduction to basic research techniques and methods, as well as instruction in areas that include the theory and application of commonly used biostatistical methods for clinical research, analysis and interpretation of clinical and population-based data of relevance for clinical care, and critical assessment of research literature. "Foundations" supports the educational component of the increasingly important clinical mission of the Medical Center. The Division also runs the Managed Care and Health Systems Rotation, an education program for residents that focuses on managed care and healthcare systems.

The Division has seen significant growth in faculty, research grants and staff since it was created in 1999 as an academic home for those interested in quality of care, cost effectiveness and related health services research issues. The recent recruitment of such talented faculty members as Heather T. Gold, Ph.D., Rainu Kaushal, M.D., M.P.H., Lisa M. Korn, M.D., M.P.H., Debra A. Quinn, M.D., M.P.H., and Bruce R. Schackman, M.B.A., Ph.D., has added much excitement and energy to the group.

Going forward, the Division of Outcomes and Effectiveness Research will build on its strength of outstanding faculty and continue to investigate issues of quality and cost-effectiveness of care, patient safety and medical errors. It will maintain a focus on the use of information technology to improve quality of care, and the appropriateness and outcomes of care across a number of diseases.

The Division has close working relationships with both the NewYork-Presbyterian Hospital and Healthcare System, which allows for work designed to improve patient care and resource allocation in an increasingly complex healthcare system.

The Division of Outcomes and Effectiveness Research evaluates options for medical care delivery and issues of quality, effectiveness and efficiency of clinical care.

2001-2003 Highlights

- Heather T. Gold, Ph.D., Rainu Kaushal, M.D., M.P.H., Lisa M. Korn, M.D., M.P.H., Debra A. Quinn, M.D., M.P.H., and Bruce R. Schackman, M.B.A., Ph.D., join the Division
- Nathaniel Hupert, M.D., M.P.H., receives multiple federal grants to determine how to best organize and respond to large-scale biological attacks. Computer models developed under these projects are currently being used by many U.S. communities
- Dr. Schackman is awarded a \$1.6 million HRSA grant to study the benefits of information technology on HIV care
- In June 2003, the Division organizes a national conference in Washington, DC, led by Division Chief Mark A. Callahan, M.D., on the role of leadership, culture and patient safety
- The Division launches "Foundations of Clinical Research," a graduate-level course designed for faculty, fellows and residents interested in developing clinical research projects

Outcomes and Effectiveness Research – Faculty Profiles

Mark A. Callahan, M.D.

Chief, Division of Outcomes and Effectiveness Research
Associate Professor of Public Health
Associate Professor of Medicine
Assistant Attending Physician
Extramural Activities
Greater New York Health Association, Error Reduction Committee
Improvement Leaders Network: Voluntary Hospital Association
Medical Management Committee, New York Hospital Care Network, Inc.
Network Medical Directors Committee
Network Quality Assurance and Improvement Committee
System Policy Planning Committee, NewYork-Presbyterian Hospital
Professional Memberships
American College of Physicians
American Medical Association
Society for General Internal Medicine
Society for Medical Decision Making
Honors
Max Kutzer Visiting Lectureship, SUNY Syracuse
Quality of Care Improvement Award, IPRO
Academic Forum Quality of Care Award, Academic Forum, 1999, 2001
Visiting Professor, Jersey Shore Medical Center

Paul J. Christos, M.S., M.P.H.

Lecturer in Public Health
Biostatistician, Clinical Research Methodology Core
Honors
Excellence in Teaching Award: Weill Medical College
Extramural Activities
Lecturer, Graduate School of Health Sciences, New York Medical College
Professional Memberships
International Dermato-Epidemiology Association

Brian Edlin, M.D.

Associate Professor of Medicine
Associate Professor of Public Health
Honors
Donald C. Mackel Memorial Award
Alexander D. Langmuir Award
Charles C. Shepard Science Award
National Center for Infectious Diseases Recognition Award
Fellow of the Infectious Diseases Society of America
James H. Nakano Citation
Achievement Medal, for studies of multidrug-resistant tuberculosis in AIDS patients
Commendation Medal, for leadership of the Multicenter Crack Cocaine and HIV Infection Study Team
Extramural Activities
National Institutes of Health (NIH) HIV Prevention Trials Network Scientific Working Group on Substance Use
Study Section Grant Reviewer, NIH Special Emphasis Panel (HIV Vaccine Efficacy in High-Risk Drug Users)
Professional Memberships
Infectious Diseases Society of America
American Association for the Study of Liver Disease



Mark A. Callahan, M.D.



Paul J. Christos, M.S., M.P.H.



Brian Edlin, M.D.

Linda M. Gerber, Ph.D.

Associate Professor of Public Health
Associate Professor of Epidemiology in Medicine
Director, Clinical Research Methodology Core
Extramural Activities
Co-Director, IRB Training Program, Weill Medical College
Executive Committee, Human Biology Association
Career Development Committee, American Association of Physical Anthropologists
Editorial Board, American Journal of Human Biology
Professional Memberships
New York Academy of Medicine
Human Biology Association
American Heart Association, Council on Epidemiology and Prevention
American Association of Physical Anthropologists

Heather T. Gold, Ph.D.

Assistant Professor of Public Health
Honors
Society for Medical Decision Making, Lee Lusted Student Paper Competition, 4th place
Health Care Financing Administration (DHHS) Dissertation Fellowship
Graduate Student Society Travel Award for First-Time Presentation, University of Rochester, School of Medicine and Dentistry
National Research Service Award Trainee Fellowship (AHRQ)
Extramural Activities
Peer Reviewer, Journal of the American Medical Association
Peer Reviewer, Annals of Internal Medicine
Peer Reviewer, Journal of General Internal Medicine
Peer Reviewer, Medical Care
Professional Memberships
AcademyHealth (formerly Association for Health Services Research)
Society for Medical Decision Making
Education Committee Member
Scientific Review Committee, Health Economics Subcommittee Co-Chair



Linda M. Gerber, Ph.D.



Heather T. Gold, Ph.D.

Outcomes and Effectiveness Research – Faculty Profiles *(cont.)*

Nathaniel Hupert, M.D., M.P.H.

Assistant Professor of Public Health
Assistant Professor of Medicine
Assistant Attending Physician
Extramural Activities
Anthrax Modeling Working Group, HHS Secretary's Council on Public Health Preparedness
Medical Management Committee, Bioterrorism Planning Section, NYC Office of Emergency Management
Biologic Pathogens Task Force, NewYork-Presbyterian Hospital
Professional Memberships
American College of Physicians
Society for General Internal Medicine

Lisa M. Korn, M.D., M.P.H.

Assistant Professor of Public Health
Assistant Professor of Medicine
Assistant Attending Physician
Honors
Helen B. Taussig Research Award for Postdoctoral Investigation, Johns Hopkins University School of Medicine
Mack Lipkin Sr. Associates Award, Society of General Internal Medicine
Extramural Activities
Chair, Scientific Review Committee, Mid-Atlantic Regional Meeting of the Society of General Internal Medicine (2004)
Professional Memberships
American College of Physicians
Society of General Internal Medicine

Edward C. Jones, M.D.

Assistant Professor of Public Health
Assistant Professor of Orthopedic Surgery, Hospital for Special Surgery
Assistant Attending Orthopedic Surgeon, Hospital for Special Surgery
Co-Director, Outcomes Research Section, Hospital for Special Surgery
Co-Director, Laboratory for Clinical Investigation
Extramural Activities
Musculoskeletal Education and Research Institute, Board of Directors
NewYork-Presbyterian Hospital Network Quality Assessment and Improvement Committee
Consulting Editor, The Journal of Musculoskeletal Medicine
Professional Membership
American Academy of Orthopedic Surgeons
American Medical Association
Connecticut State Medical Society
Fairfield County Medical Society

Stephen Lyman, Ph.D.

Assistant Professor of Public Health
Epidemiologist, Center for Clinical Outcome Research, Hospital for Special Surgery

Rainu Kaushal, M.D., M.P.H.

Adjunct Assistant Professor of Public Health

Kamiar Khajavi, M.D., J.D.

Instructor, Department of Public Health
Assistant Attending Physician
Professional Memberships
American Medical Association
New York Bar



Nathaniel Hupert, M.D., M.P.H.



Lisa M. Korn, M.D., M.P.H.



Stephen Lyman, Ph.D.



Rainu Kaushal, M.D., M.P.H.



Kamiar Khajavi, M.D., J.D.

Robert G. Marx, M.D., M.Sc.

Assistant Professor of Public Health
Assistant Professor of Orthopedic Surgery, Hospital for Special Surgery
Assistant Attending Orthopedic Surgeon, Hospital for Special Surgery
Director, Center for Clinical Outcome Research, Hospital for Special Surgery
Professional Memberships
American Academy of Orthopedic Surgeons
Canadian Orthopedic Association
American Orthopedic Society for Sports Medicine

Valerie Miké, Ph.D.

Clinical Professor of Biostatistics in Public Health
Extramural Activities
Advisory Board, Encyclopedia of Science, Technology, and Ethics
Professional Memberships
New York Academy of Sciences
Society for Philosophy and Technology

Debra A. Quinn, M.D., M.P.H.

Assistant Professor of Public Health
Assistant Professor of Medicine
Assistant Attending Physician
Professional Memberships
American College of Physicians
Society for General Internal Medicine

Bruce R. Schackman, M.B.A., Ph.D.

Assistant Professor of Public Health
Extramural Activities
Outcomes Committee, Adult AIDS Clinical Trials Group
National Advisory Committee, New Jersey Center for Biomaterials
Professional Memberships
AcademyHealth
International Society for Pharmacoeconomics and Outcomes Research
Society for Medical Decision Making

Phyllis G. Supino, Ed.D.

Clinical Associate Professor of Public Health
Associate Research Professor of Public Health in Medicine
Director, Data Management, Biostatistics and Educational Programs, Division of Cardiovascular Pathophysiology
Honors
"Best National Abstract" (United States), awarded at the 5th International Conference of Nuclear Cardiology (American Society of Nuclear Cardiology and non-U.S. Affiliates)
Professional Memberships
American Federation for Medical Research
American Heart Association
American Statistical Association
American Society of Nuclear Cardiology
Kappa Delta Pi
Charter Member, Evidence-Based Medicine SIG, Society for Academic Emergency Medicine
Evidence Based Medicine Working Group (Emergency Medicine), New York Academy of Medicine
Member, Healthcare Advisors
Fellow, New York Academy of Medicine



Valerie Miké, Ph.D.



Debra A. Quinn, M.D., M.P.H.



Bruce R. Schackman, M.B.A., Ph.D.



Phyllis G. Supino, Ed.D.

Outcomes and Effectiveness Research – Grants and Lead Investigators

Accelerating the Cycle of Research through a Network of Integrated Delivery Systems
Agency for Healthcare Research and Quality – Alvin I. Mushlin, M.D., Sc.M.

An Examination of the Role of Leadership in Enhancing Patient Safety
Agency for Healthcare Research and Quality – Mark A. Callahan, M.D.

Assessing Management of Hyperlipidemia in a Clinic Serving Low-income Patients: A Survey of Clinician Perceptions
Weill Medical College - Pilot Award – Linda M. Gerber, Ph.D.

Clinical and Economic Consequences of Bacterial Resistance in Community-Acquired Pneumococcal Pneumonia: A Multi-center Study
Merck Quality of Care Foundation – David S. Battleman, M.D., M.Sc.

Developing Tools for Statewide Planning and Response to Bioterrorist Attacks
Agency for Healthcare Research and Quality – Nathaniel Hupert, M.D., M.P.H.

Development of Comprehensive Cost Model for HIV/AIDS Integrated Services Project
Center for Health Care Strategies, Inc. – Bruce R. Schackman, M.B.A., Ph.D.

Disparities in Radiotherapy for Early Breast Cancer and DCIS
American Cancer Society – Heather T. Gold, Ph.D.

eICUs: Impact on Quality and Cost Performance
Agency for Healthcare Research and Quality – Mark A. Callahan, M.D.

Evaluation of a Patient-Centered Electronic Medical Record in a Medicaid Special Needs Program
Health Resources and Services Administration – Bruce R. Schackman, M.B.A., Ph.D.

Hepatitis C Treatment Barriers and Preferences for Patients Infected by Injection Drug Use
New York City Council Speaker's Fund for Public Health Research – New York Academy of Medicine – Bruce R. Schackman, M.B.A., Ph.D.

Improving Transitions and Outcomes for Heart Failure Patients through Hospital-Home Care Information Exchange
Agency for Healthcare Research and Quality – Mark A. Callahan, M.D.

Integrated Delivery Systems and Clinical Preparedness for Bioterrorist Events
Agency for Healthcare Research and Quality – Nathaniel Hupert, M.D., M.P.H.

Lifestyle Change in Low-Income Hyperlipidemic People
Weill Medical College -Pilot funding – Linda M. Gerber, Ph.D.

Linking Best Reporting and Learning to Improve Safety
Agency for Healthcare Research and Quality (sub-contract: Columbia University. PI: Harold S. Kaplan, M.D.) – Mark A. Callahan, M.D.

Modeling U.S. Healthcare Systems' Epidemic Response Capacity
Agency for Healthcare Research and Quality – Nathaniel Hupert, M.D., M.P.H.

National Guidelines for Mass Distribution Centers
Agency for Healthcare Research and Quality – Nathaniel Hupert, M.D., M.P.H.

NYS Safety Improvement Demonstration Project
New York State Department of Health (sub-contract: NYPH System. PI: Eliot Lazar, M.D.) – Mark A. Callahan, M.D.

Optimizing Clinical Preparedness for Bioterrorist Attacks Using Simulation Modeling and Data from Recent Anthrax Attacks
Agency for Healthcare Research and Quality – Nathaniel Hupert, M.D., M.P.H.

Partnerships for Quality Education
Empire Blue Cross/Blue Shield – Mark A. Callahan, M.D.

Pfizer Scholars Fellowship
Pfizer, Inc. – Mark A. Callahan, M.D.

Predictors of and Interventions to Improve Use of Beta-Blockers in Patients with Congestive Heart Failure: A Multi-Center Study
Weill Medical College - Pilot Award – David S. Battleman, M.D., M.Sc.
Quality of Care Research Foundation - GlaxoSmith – Mark A. Callahan, M.D.

Prospective Multi-Center Study of the Role of Racial & Ethnic Disparities and Treatment Variation in Diabetic and Non-Diabetic Foot Ulcer Outcome
New York City Council Speaker's Fund for Public Health Research – New York Academy of Medicine – Nathaniel Hupert, M.D., M.P.H.

Psychosocial Factors and Cardiovascular Disease: Race, Socioeconomic Status, and Diurnal Blood Pressure Rhythms
NHLBI/National Institute of Health (sub-contract: Mt. Sinai. PI: Thomas Pickering, M.D.) – Linda M. Gerber, Ph.D.

Racial Disparities in Access to High Quality Cardiac Surgeons Among the Elderly
(sub-contract: Rochester University. PI: Dana Mukamel, Ph.D.), National Institute on Aging – Alvin I. Mushlin, M.D., Sc.M.

WMC Research Core Facilities: Survey of Usage and User Satisfaction
Weill Medical College (RASP) – Phyllis G. Supino, Ed.D.



Hirsch S. Ruchlin, Ph.D.
Acting Division Chief

The Division of Health Services and Policy Research

The Division of Health Services and Policy Research plays an integral role in the Public Health Department's efforts to improve the cost, delivery and quality of healthcare by concentrating its research and educational activities on various components of healthcare systems and related health policies. The rising cost of healthcare, over- and under-utilization of care, access to care and health insurance, rising cost of prescription drugs, and inadequate long-term care services affect almost every American today and the Division works to address these issues. Its research and teaching activities include creating models to determine the cost-effectiveness of new drugs in treating chronic diseases such as diabetes, the role of Medicaid/Medicare and private health insurance companies in today's society and our medical centers, the controversies that surround the use of mammography for breast cancer screening, and patient safety.

For patients, the Division's work can lead to improvements in access to quality health services at a lower cost, provide more effective treatments with regard to delivery methods and types of treatment administered, while ensuring that Cornell's medical students are receiving an education that prepares them to understand and handle these issues as practicing physicians. The Division's work often involves the development of pharmacoeconomic models, risk-benefit assessment of drugs, and cost-benefit evaluation of healthcare programs. This contributes to current academic research in health services and policy, which in turn can directly improve how medical centers and clinics are run on a quality and cost-effectiveness basis, affect current health policies, and determine the types of medications released by pharmaceutical companies to the general population.

A major resource for the work of this division includes the academic medical center and the NewYork-Presbyterian Healthcare (NYPH) network institutions, which together comprise an extensive and diversified healthcare delivery system and serve as a laboratory for the type of research conducted by this division.

The Division of Health Services has responsibility for many of the Department of Public Health's medical student courses. It offers two courses to first-year students: Epidemiology and Biostatistics, and Evidence-Based Medicine, and a second-year course which introduces students to key issues in the U.S. healthcare system. This is followed by a two-week clerkship during the third or fourth year where students attend morning lectures and seminars that address key issues related to the delivery and financing of healthcare. The latter part of the day is spent visiting various sites such as HMOs, government agencies, patient and hospital advocacy groups, insurance entities and pharmaceutical companies where students learn about the workings of and problems encountered in those settings. This type of program helps prepare tomorrow's doctors for what lies out there when they begin treating patients and encounter the various healthcare systems and related issues. An article describing this clerkship, authored by

Health Services and Policy Research

Madelon L. Finkel, Ph.D., and Oliver T. Fein, M.D., is forthcoming in the journal *Academic Medicine*. The Division also co-sponsors the Medical College's weekly David Rogers Health Policy Colloquium, hosted by Dr. Fein, at which experts on health policy present their research and ideas on the pressing issues of the day.

The Division of Health Services' research benefits the community and its medical centers in many ways. Research is often performed on behalf of organizations such as network hospitals and the Physician Organizations at the Medical College. Members of the Division are engaged in research on patient safety and medical errors, pharmacoeconomics and pharmacoepidemiology. With funding from Merck Research Laboratories, Acting Division Chief Hirsch S. Ruchlin, Ph.D., is involved in developing pharmacoeconomic models to assess the cost-effectiveness of new drugs in the areas of diabetes, depression, chronic obstructive pulmonary disease, and cognitive impairment. He is also participating in research with Cornell University faculty as part of the Bronfenbrenner Life Course Center in Ithaca. Dr. Ruchlin is developing a cost-benefit evaluation of an intervention developed by Center staff to minimize the turnover rate of nurse's aides in nursing homes, a devastatingly disruptive problem for residents of these facilities. A trial intervention program has been implemented in nursing homes in Connecticut and New York. He is also working with Outcomes and Effectiveness Research Division Chief Mark A. Callahan, M.D., to study what leadership qualities are needed to establish a culture that is conducive to patient safety, the results of which were published in the January/February 2004 issue of the *Journal of Healthcare Management*.

Dr. Finkel has responsibility for most of the Division's teaching programs within the Medical College. She also teaches several courses for residents at NYPH network hospitals such as Lincoln Hospital in the Bronx and the Brooklyn Hospital Center, as well as conducting research in conjunction with NYPH network hospitals. Dr. Finkel recently completed a book entitled *Breast Cancer Screening: A Guidebook for Women*, which discusses the controversies in mammogram screening based on the epidemiologic evidence of breast cancer. She will begin a six-month sabbatical in the School of Public Health at the University of Sydney in January 2004. Dr. Finkel has also been asked to work with the Commonwealth Fund's Sydney office in areas of health services research, in addition to meeting with New Zealand healthcare policy experts.

It is worth noting that that Dr. Fein, who is Associate Dean and Director of the Office of Network Affairs, was the guest editor of the January 2003 issue of the *American Journal of Public Health*, which examined healthcare reform in the U.S. and abroad.

The Division of Health Services and Policy Research will continue to access the extensive healthcare network of NewYork-Presbyterian Hospital and its affiliates to conduct health policy research and study systems initiatives to enhance the accessibility, quality and cost-effectiveness of care.

The Division of Health Services and Policy Research concentrates its research and educational activities on various components of healthcare systems and related health policies. Its work supports the Department of Public Health's efforts to improve the cost, delivery and quality of healthcare.

2001-2003 Highlights

- The Division offers a new clerkship to third- and fourth-year medical students that addresses key issues related to the delivery and finance of healthcare. An article describing this clerkship, authored by Madelon L. Finkel, Ph.D., and Oliver T. Fein, M.D., is forthcoming in the journal *Academic Medicine*
- Acting Division Chief Hirsch S. Ruchlin, Ph.D., develops a cost-benefit evaluation of an intervention developed by the Bronfenbrenner Life Course Center in Ithaca to assist nursing homes
- Dr. Ruchlin collaborates with Outcomes Division Chief Mark A. Callahan, M.D., to study what leadership qualities are needed to establish a culture that is conducive to patient safety
- Dr. Finkel completes a book entitled *Breast Cancer Screening: A Guidebook for Women*
- Dr. Fein serves as guest editor of the January 2003 issue of the *American Journal of Public Health*, which examines healthcare reform in the U.S. and abroad

Health Services and Policy Research – Faculty Profiles

Hirsch S. Ruchlin, Ph.D.

Acting Chief, Division of Health Services and Policy Research
Professor of Economics in Public Health
Professor of Economics in Medicine

Oliver T. Fein, M.D.

Professor of Clinical Public Health
Professor of Clinical Medicine
Associate Dean (Network Affairs)
Attending Physician
Honors
Elnora M. Rhodes Society of General Internal Medicine Service Award
Extramural Activities
Chair, Metro New York Chapter, Physicians for a National Health Program
Executive Board Member, American Public Health Association
Institute of Medicine: Robert Wood Johnson Health Policy Fellowship
International Health Medical Education Consortium
U.S.-EU Medical Education Exchange
Professional Memberships
American College of Physicians
American Public Health Association
Association for Health Services Research
New York Academy of Medicine
Physicians for a National Health Program
Society of General Internal Medicine

Madelon L. Finkel, Ph.D.

Professor of Clinical Public Health
Director, Cornell Analytic Consulting Service
Extramural Activities
American Council of Science and Health
Department of Family Medicine, Brooklyn Hospital
Residency Programs, Lincoln Hospital
New York College of Podiatric Medicine
Rogosin Institute
University of Medicine and Dentistry of New Jersey
NYP Queens Hospital
Professional Memberships
American College of Epidemiology
Association for Health Services Research
Academy of Benefit Authors, International Foundation of Employee Benefit Plans



Hirsch S. Ruchlin, Ph.D.



Oliver T. Fein, M.D.



Madelon L. Finkel, Ph.D.



“How we die and how we regulate the right to make choices is a public health issue.”

– Joseph J. Fins, M.D., F.A.C.P.
Division Chief

The Division of Medical Ethics

The Division of Medical Ethics leads Weill Cornell’s efforts to address bioethical health issues such as palliative care, the rights of patients in a vegetative state, advance care planning, and human subject protections. Its exploration of the ethical dimensions of patient care, healthcare delivery and scientific research supports the Department of Public Health’s goal of enhancing academic medicine and improving healthcare. The Division also complements Dean Gotto’s strategic plan to strengthen clinical programs at the Medical College by serving as an important resource to the many faculty, scientists and physicians at Weill Cornell and throughout the NewYork-Presbyterian Healthcare System engaged in clinical or basic research.

Recognizing the need to unify and expand ethics activities within the College and the NewYork-Presbyterian Hospital, the Medical College created the Division three years ago to helm Weill Cornell’s efforts in the conduct of research in medical ethics and coordinate its curricular activities in this increasingly critical area of study. Led by Joseph J. Fins, M.D., F.A.C.P., the Division, which is supported jointly by the Departments of Public Health and Medicine, has undergone extraordinary growth in outreach and its clinical, research and educational activities.

Dr. Fins is Director of Medical Ethics at the NewYork Weill Cornell Center. In this capacity, he directs the ethics case consultation service at the Medical Center, working closely with colleagues in Patient Services Administration to ensure that ethical issues related to patient care are properly addressed. In addition, Dr. Fins is chairman of the Hospital’s Ethics Committee and heads the NewYork-Presbyterian Healthcare System’s Bioethics Committee.

The Division is actively engaged in teaching activities at the College and Hospital, enlisting more than 30 Weill Cornell faculty members to participate as lecturers and tutors. This year, Dr. Fins will be involved in Medicine, Psychiatry, Pediatrics, Neurosurgery and Rehabilitation Surgery Grand Rounds, which demonstrates the wide reach of the Division. Pablo Rodríguez del Pozo, M.D., Ph.D., J.D., was recruited in 2003 to represent the Division and duplicate the medical ethics curriculum at the Medical College’s Qatar campus. A specialist in biomedical ethics, healthcare economics, allocation of resources and social justice, he spends part of the year in New York participating in the activities of the Medical Ethics Division.

Medical students receive ethics education throughout their four years of study. One course, Medicine, Patients & Society III, is an important third-year clerkship in palliative care and clinical ethics. One of the few medical school clerkships of its kind, MPS III seeks to create a learning environment that allows students to integrate the technical and humanistic dimensions of palliative medicine. The course utilizes self-reflective practice, participant observation and personal journals to cultivate the students’ observational skills and develop insight into their own motivations, perspectives, and practice. Seminars cover a wide range of topics from the pharmacology of pain and symptom management to multicultural and spiritual perspectives on death and dying.

Medical Ethics

Post-graduate education and faculty development have been a major focus of the Division. Under the direction of Dr. Fins, the Faculty Associates Program in Medical Ethics is providing support and training for physicians with current Weill Medical College faculty appointments to pursue advanced training and clinical research in medical ethics. The Faculty Associates are mid-career physicians specializing in geriatrics, rheumatology, surgical intensive care, psychiatry, and pediatric hematology. The Program's monthly seminars are open to members of the NewYork-Presbyterian Hospital Ethics Committee and other members of the medical center community.

Victor W. Sidel, M.D., M.P.H., is recognized internationally as a leader in advocating for human rights and social responsibility. In addition to teaching classes at the Medical College, he is co-chair of the Institutional Review Board at Montefiore Medical Center. Dr. Sidel brings this experience to the Faculty Associates Program, where he serves as a Program Mentor. Cathleen A. Acres, R.N., M.A., is in her second year as a Research Subject Advocate for the General Clinical Research Center. In this capacity Ms. Acres is a consultant to the Scientific Advisory Committee on issues of research ethics and human subject protections.

The Division maintains a robust research portfolio focused on areas that include end-of-life care, the doctor-patient relationship, health screening, medical education, and research ethics. Recognizing the public's need for education about advance directives and other end-of-life care issues, Dr. Fins led a team of investigators who examined the moral obligations of the patient and proxy in advance care planning. Based on their findings, he and Barbara S. Maltby, M.A., developed a program entitled *Fidelity, Wisdom & Love: Patients and Proxies in Partnership*. Their interactive workbook and companion video aim to 1) help people appoint a healthcare proxy to make decisions for them at the end of life in the event they cannot make choices for themselves and 2) help people prepare their healthcare proxies for the kinds of decisions they would want to make. The Fan Fox and Leslie R. Samuels Foundation funded these activities.

Dr. Fins, along with Vice Provost for Medical Affairs and Division member Lisa Staiano-Coico, Ph.D., chaired the University Research Ethics Advisory Committee, which recently completed a report on research ethics to aid in the creation of a strategic plan for the Medical College. The plan will help guide members of Weill Cornell in their efforts to conduct the most compelling investigational work possible, while at the same time maintaining awareness of the ethical implications of that work and understanding the need to protect the human subjects involved.

Going forward, the Division plans to engage in more active recruitment to build its core faculty and would eventually like to create a Program and Clinical Ethics fellowship. Working with the Medical Center to bring more organized palliative services to the Hospital will be another major activity for the Division's faculty. In addition, the group will assist in implementing some of the activities laid out in the recently completed Research Ethics report.

The Division of Medical Ethics explores and enhances ethical aspects of the Department of Public Health's research, clinical and academic activities.

2001-2003 Highlights

- Pablo Rodríguez del Pozo, M.D., Ph.D., J.D., is recruited in 2003 to represent the Division and duplicate the Medical Ethics curriculum at the Medical College's Qatar campus
- Division Chief Joseph J. Fins, M.D., and Barbara S. Maltby, M.A., develop an interactive program entitled *Fidelity, Wisdom & Love: Patients and Proxies in Partnership*, which addresses the public's need for education about advance directives and other end-of-life issues
- Dr. Fins and Lisa Staiano-Coico, Ph.D., chair the University Research Ethics Advisory Committee. The Committee completes a report on research ethics to aid in the creation of a strategic plan for the Medical College
- The Faculty Associates Program continues to provide support and training for physicians with Weill Medical College faculty appointments to pursue advanced training and clinical research in medical ethics

Medical Ethics – Faculty Profiles

Joseph J. Fins, M.D., F.A.C.P.

Chief, Division of Medical Ethics, Departments of Medicine and Public Health
Professor of Medicine
Professor of Public Health
Professor of Medicine in Psychiatry
Director of Medical Ethics, New York Weill Cornell Medical Center
Honors
Visiting Fellow, The Woodrow Wilson National Fellowship Foundation
Selected, Who's Who in America, 2003 Edition
Individual Service Excellence Award, New York-Presbyterian Hospital
Selected, Who's Who in the World, 2004 Edition
The Sheldon Berrol Memorial Chautauqua of the American Congress of Rehabilitation
Medicine and American Society of Neurorehabilitation
John J. Travers, M.D., Memorial Lecture, Mercy Medical Center
Extramural Activities
Member Adjunct Faculty, The Rockefeller University
Editor (Ethics Rounds) and Editorial Board, Journal of Pain and Symptom Management
Editor, Ethics Section and Editorial Board, The Oncologist
Advisory Board, Metropolitan New York Ethics Committee Network
Ethics Committee, The Hospital for Special Surgery
Ethics Committee, The Rockefeller University Hospital
Chair, Health and Public Policy Committee, New York State Chapter, American College of
Physicians
Trustee-Advisor, Princeton University Bioethics Forum
Member-at-Large, Executive Committee, Wesleyan University Alumni Association
Ethics Committee, The Rockefeller University Hospital
National Advisory Committee, The Woodrow Wilson National Fellowship Foundation
Board, Fund for Modern Courts
Board, New York Organ Donor Network

Professional Memberships

Adjunct Member, Association of the Bar of the City of New York
Fellow, The New York Academy of Medicine
Fellow, American College of Physicians
American Society for Bioethics and Humanities

Cathleen A. Acres, R.N., M.A.

Lecturer in Public Health
Administrative Director, Division of Medical Ethics
Research Subject Advocate, General Clinical Research Center
Professional Memberships
American Society for Bioethics and Humanities
The Hastings Center
Applied Research Ethics National Association (ARENA)

Barbara S. Maltby, M.A.

Program Director
Lecturer in Public Health



Joseph J. Fins, M.D., F.A.C.P.



Cathleen A. Acres, R.N., M.A.



Barbara S. Maltby, M.A.

Victor W. Sidel, M.D., M.P.H.

Adjunct Professor of Public Health
Member, Division of Medical Ethics
Consultant, Institutional Review Board
Member, GenVec Oversight Committee, Weill Medical College of Cornell University
Extramural Activities
Distinguished University Professor of Social Medicine, Montefiore Medical Center Albert Einstein College of Medicine, Bronx, NY
President - Public Health Association of New York City
Chair - Medical Student Board of Trustees
International Physicians for the Prevention of Nuclear War Member, International Human Rights Committee
American Public Health Association Member, Executive Committee, New York City Chapter
Physicians for a National Health Program Member, Advisory Board
Albert Schweitzer Fellowships Member, Board of Advisors
Committee for Responsible Genetics Member, Advisory Council
Economic and Social Human Rights Network Member
National Editorial Board of Health Care for the Poor and Underserved Member, Board of Directors
Medical and Health Research Association of New York City Member, National Advisory Committee
National Abortion Rights Action League Member, Advisory Board
National Jobs for AN Coalition Member, International Advisory Committee
Physicians for Human Rights
Professional Memberships
American Public Health Association
International Physicians for the Prevention of Nuclear War
Physicians for a National Health Program
Physicians for Human Rights
Physicians for Social Responsibility
Physicians Forum
Public Health Association of New York City

Pablo Rodríguez del Pozo, M.D., Ph.D., J.D.

Assistant Professor of Public Health
Professional Memberships
Founding Member, Asociación Española de Bioética Fundamental y Clínica, Madrid (Spain)
Secretary, Research Ethics Committee, Asociación Argentina de Investigaciones Éticas, Buenos Aires (Argentina)
Member, Laboratorio de Estudios Sociales de la Salud y los Medicamentos, Universidad Carlos III de Madrid (Spain)
Adviser, Instituto para el Desarrollo Social Argentino, Buenos Aires (Argentina)



Victor W. Sidel, M.D., M.P.H.



Pablo Rodríguez del Pozo M.D., Ph.D., J.D.

Medical Ethics – Grants and Lead Investigators

Establishing a Faculty Associates Program in Medical Ethics at Weill Medical College
Fan Fox and Leslie R. Samuels Foundation – Joseph J. Fins, M.D.

Expanding a Faculty Associates Program in Medical Ethics at Weill Medical College
The Lucius N. Littauer Foundation – Joseph J. Fins, M.D.

Fidelity, Wisdom and Love: Patients and Proxies in Partnership
Fan Fox and Leslie R. Samuels Foundation – Joseph J. Fins, M.D.

From Contract to Covenant in Advance Care Planning
Fan Fox and Leslie R. Samuels Foundation – Joseph J. Fins, M.D.

Integrating Palliative Care into Hospital Practice: Development of Educational Materials for the Goals of Care Assessment Tool
Fan Fox and Leslie R. Samuels Foundation – Joseph J. Fins, M.D.

Mending the Brain, Minding Our Ethics
Charles A. Dana Foundation – Joseph J. Fins, M.D. (In collaboration with the Department of Neurology. PI: Nicholas Schiff, M.D.)

Advanced Research Institute in Geriatric Psychiatry
National Institute of Mental Health – Joseph J. Fins, M.D., F.A.C.P. (In collaboration with the Department of Psychiatry. PI: Martha Bruce, Ph.D., M.P.H.)

Cornell Advanced Center for Interventions and Services Research
National Institute of Mental Health – Joseph J. Fins, M.D., F.A.C.P. (In collaboration with the Department of Psychiatry. PI: George Alexopoulos, M.D.)

General Clinical Research Center – Weill Medical College Center Grant
National Center for Research Resources – Cathleen A. Acres, R.N., M.A. (In collaboration with the Department of Medicine. PI: Antonio M. Gotto, Jr., M.D.; Program Director: Julianne Imperato-McGinley, M.D.)



"In the U.S. alone, over 400,000 people die each year from smoking-related diseases. Our research suggests that the large-scale implementation of a successful school-based prevention program, such as the kind we've been testing in our Division, has the potential to save as many as 100,000 lives per year."

– Gilbert J. Botvin, Ph.D.
Division Chief

The Division of Prevention and Health Behavior

The Department of Public Health seeks to discover the most effective methods to prevent and treat chronic diseases and disease-causing behavior in all segments of society, which the Division of Prevention and Health Behavior supports through its research and educational efforts. The overlying strategy of the Division is to study chronic disease risk factors among all age groups and to develop and test behavior-based strategies for health promotion and disease prevention. The implementation of the Division's findings helps decrease the incidences of chronic diseases and substance abuse, which in turn lowers the overall cost of healthcare to the public and its delivery via hospitals and clinics. Its work contributes to prevention research, while helping to improve current programs and determine alternative, more effective methods for prevention.

When a teen lights his first cigarette, it is doubtful he's aware that the act of smoking increases his risk of cancer, heart disease, and likelihood of using harder drugs down the road. Why did he decide to smoke? What are the lifestyle factors that affected his choice? Looking for ways to understand and prevent unhealthy behaviors in adolescents, such as smoking – the number one preventable risk factor for the major chronic diseases – is a key research activity at the Division. It is involved in research to find ways to effectively prevent chronic diseases and contributing behaviors, as well as drug, tobacco and alcohol abuse. The Division also conducts educational activities at the Medical College that focus on the study of prevention and health behavior.

Researchers in the Division have designed and carried out a number of major studies over the past decade to increase our understanding of the causes and prevention of tobacco, alcohol and illicit drug use among adolescents. One of the largest and most important federally funded projects is a center grant funded by the National Institute on Drug Abuse (NIDA). The "Multi-Ethnic Drug Abuse Prevention Research Center," known as Cornell's Institute for Prevention Research, is directed by Division Chief Gilbert J. Botvin, Ph.D. Over the 10 years that the Institute has been funded by NIDA, several studies concerning the causes and prevention of adolescent drug use have been conducted, including a large-scale prevention trial with urban minority youth attending New York City schools. Division staff and faculty are currently working on a renewal application for an additional five years of funding with a focus on further testing school-based drug prevention interventions for inner-city minority youth. Meanwhile, Kenneth W. Griffin, Ph.D., M.P.H., was awarded a grant from the National Cancer Institute to study rates of smoking among ethnic and gender subgroups of adolescents, and to examine the role of social and personal competence skills as protective factors in the development of smoking.

Over the past few years, the Division has begun to expand its mission beyond work on tobacco, alcohol and illicit drug use to focus on other behavioral risk factors for the major chronic diseases as a way of promoting health and preventing disease. Amanda S. Birnbaum, Ph.D., M.P.H., the Division's newest member, is studying diet and nutrition among adolescent populations, while the

Prevention and Health Behavior

research of Tracy R. Nichols, Ph.D., focuses on behavioral risk factors and chronic diseases from the vantage point of women's health. Due to the increase in school shootings over the past five years, school violence has also become an area of increasing concern. The underlying risk factors for tobacco, alcohol and illicit drug use tend to be very similar to the risk factors for aggressive, bullying and violent behaviors. The Division is in the early stages of researching how prevention approaches to substance use may also reduce violence-related behaviors.

A major accomplishment for the Division, under the umbrella of its NIDA Center grant, is the continued success of *Prevention Science*, a scientific journal of which Dr. Botvin is the founding editor. Since its 2000 launch, *Prevention Science* has become the premier journal in the field of prevention covering such topics as mental health, HIV/AIDS, teenage pregnancy, obesity and substance abuse.

Dr. Botvin has represented the Division and its work by participating in policy-level discussions and serving on expert panels in Washington, DC, and at the Centers for Disease Control in Atlanta to make decisions that will influence public health policy as it relates to health promotion and disease prevention. This will have a clear and lasting impact on the practice of prevention and the kind of health promotion activities that are put into place throughout America.

Long-term, the Division is working to increase understanding of how to most effectively promote large-scale dissemination, adoption, implementation, and institutionalization of proven prevention programs in schools and other possible environments nationally where such programs can be implemented and sustained. As scientific knowledge increases through the work conducted by Division researchers and others across the country, a growing challenge is maintaining quality control when implementing prevention programs on a large scale outside the context of government-funded research projects in a way that becomes part of the natural fabric of schools and community environments. The Division will also continue to broaden the scope of its research in terms of both the content of its work and the populations it studies.

The Division of Prevention and Health Behavior plans to explore opportunities to train the next generation of researchers at Cornell. Future training activities include the development of a pre-doctoral training program and a post-doctoral fellowship program in collaboration with their colleagues at Columbia. A longer-term goal of the Division is to create, with its Cornell colleagues in Ithaca, a doctoral program in either Health Psychology or Health Behavior Research.

Since 1975, the Division has sponsored a residency program in General Preventive Medicine, currently led by Lewis Drusin, M.D., M.P.H. Its goal is to produce leaders in modern public health to pursue careers in academia or healthcare policy. Areas of emphasis include epidemiology, biostatistics, clinical and preventive medicine, outcomes and effectiveness research, health services and policy, ethics and women's health studies. Training is conducted primarily at the New York-Cornell campus and its affiliates and can be structured according to the interests, requirements and career goals of the participants.

The Division of Prevention and Health Behavior studies chronic disease risk factors among all age groups and develops and tests behavior-based strategies for health promotion and disease prevention. Its work contributes to prevention research, while helping to improve current programs and determine alternative, more effective methods for prevention.

2001-2003 Highlights

- The Division is in the process of renewing its NIDA center grant for the "Multi-Ethnic Drug Abuse Prevention Research Center"
- The National Cancer Institute awards Kenneth W. Griffin, Ph.D., M.P.H., a grant to study rates of smoking among ethnic and gender subgroups of adolescents
- Amanda Birnbaum, Ph.D., joins the Division in 2003. Her work, which focuses on diet and nutrition among adolescent populations, helps strengthen the Division's agenda in chronic disease prevention
- Tracy R. Nichols, Ph.D., continues to study behavioral risk factors and chronic diseases from the vantage point of women's health
- *Prevention Science*, founded by Division Chief Gilbert J. Botvin, Ph.D., becomes the premier scientific journal in the field of prevention

Prevention and Health Behavior – Faculty Profiles

Gilbert J. Botvin, Ph.D.

Chief, Division of Prevention & Health Behavior
Professor of Psychology in Public Health
Professor of Psychology in Psychiatry
Attending Psychologist
Honors
Society for Prevention Research, Presidential Award for Excellence
Merit Award, National Institute on Drug Abuse, National Institutes of Health
Exemplary Smoking Prevention Program Award, Center for Disease Control
Exemplary Substance Abuse Prevention Program Award, Center for Substance Abuse Prevention, Substance Abuse and Mental Health Services Administration
Exemplary Drug Abuse Prevention Program, U.S. Department of Education
Extramural Activities
President, Society for Prevention Research
Editor, Prevention Science
Expert Panel Member, Smoking Prevention in Schools, American Legacy Foundation
Expert Panel Member, Elementary Smoking Prevention, Centers for Disease Control
Expert Panel Member, Advisory Meetings on Future Goals Panel Reporting, National Education Goals Panel
Invited Speaker, Developing Prevention & Promotion Research Worldwide, Inaugural World Conference, Carter Center, World Federation of Mental Health
Expert Panel Member, Confronting Challenges to Alcohol Focused Prevention Research, National Institute on Alcohol Abuse and Alcoholism
Invited Speaker, 2nd National Conference on Drug Abuse Prevention Research: A Progress Update, National Institute on Drug Abuse
Professional Memberships
American Association for the Advancement of Science
American Psychological Association, Division of Health Psychology
American Public Health Association
Society for Prevention Research

Amanda S. Birnbaum, Ph.D., M.P.H.

Assistant Professor of Public Health
Professional Memberships
American Academy of Health Behavior
American Public Health Association
Society for Prevention Research

Lewis M. Drusin, M.D., M.P.H.

Professor of Clinical Public Health
Professor of Clinical Medicine
Attending Physician
Director, Department of Epidemiology, NewYork-Presbyterian Hospital - Weill Cornell Center
Director, General Preventive Medicine Residency
Chairman, Financial Aid Committee
Course Director, MPSII module, Public Health and Community Medicine
Honors
Cornell Alumni Association, special award for fundraising activity
2001 Frank HT Rhodes Exemplary Alumni Service Award - Cornell University
Honorary Life Member of The Medical Society for the Study of Sexually Transmitted Diseases
Extramural Activities
Committee on Infections, NewYork-Presbyterian Hospital
Editorial Board - Genitourinary Medicine
Quality Assurance - Clinical Subcommittee, NewYork-Presbyterian Hospital
Committee on Infections - Rockefeller University
Executive Chair, Cornell Alumni and Outreach Committee
Main Representative to the Economic and Social Council of the United Nations
International Union Against Sexually Transmitted Infections
Professional Memberships
American College of Physicians
American College of Preventive Medicine



Gilbert J. Botvin, Ph.D.



Amanda S. Birnbaum, Ph.D., M.P.H.



Lewis M. Drusin, M.D., M.P.H.

American Sexually Transmitted Disease Association
Harvey Society
Infectious Diseases Society of America
International AIDS Society
International Society for Sexually Transmitted Disease Research
International Union Against Sexually Transmitted Infections
Medical Society for the Study of Venereal Diseases
New York Academy of Medicine
New York Society of Infectious Diseases
New York Society of Tropical Medicine
Royal College of Physicians
Royal Society for Tropical Medicine and Hygiene
Royal Society of Medicine
Society for Healthcare Epidemiology of America

Kenneth W. Griffin, Ph.D., M.P.H.

Associate Professor of Public Health
Honors
Society for Prevention Research, Early Career Award, May 2002
Society of Behavioral Medicine, Presidential Citation for Research Meriting Special Recognition, April 2000
Society of Behavioral Medicine, Presidential Citation for Research Meriting Special Recognition, March 1995
Extramural Activities
Board Member, International Organization for Adolescents
Editorial Board, Journal of Child & Adolescent Substance Abuse
Professional Memberships
American Psychological Association, Division of Health Psychology
American Public Health Association
Society for Prevention Research
Society of Behavioral Medicine

Tracy R. Nichols, Ph.D.

Assistant Professor of Public Health
Professional Memberships
Association for Gender-Specific Medicine
Society for Menstrual Cycle Research
Society for Prevention Research
International Network of Women Against Tobacco

Barbara L. Reissman, Dr.P.H.

Senior Lecturer in Public Health
Professional Memberships
American Public Health Association



Kenneth W. Griffin, Ph.D., M.P.H.



Tracy R. Nichols, Ph.D.



Barbara L. Reissman, Dr.P.H.

Prevention and Health Behavior – Grants and Lead Investigators

Alcohol Use Among Black, Hispanic and White Urban Youth
National Institute on Alcohol Abuse & Alcoholism/National Institutes of Health – Jennifer A. Epstein, Ph.D.

Competence Skills and Smoking Among Subgroups of Youth
National Cancer Institute – Kenneth W. Griffin, Ph.D., M.P.H.

Drug Abuse and Violence Prevention with Minority Youth (Merit Award)
National Institute on Drug Abuse/National Institutes of Health – Gilbert J. Botvin, Ph.D.

Ethnic Differences in Competence and Adolescent Drug Use
National Institute on Drug Abuse/National Institutes of Health – Kenneth W. Griffin, Ph.D., M.P.H.

Gender Differences in Adolescent Drug Use
National Institute on Drug Abuse/National Institutes of Health – Tracy R. Nichols, Ph.D.

Multi-Ethnic Drug Abuse Prevention Among New York Youth (Media Supplement)
National Institute on Drug Abuse/National Institutes of Health – Gilbert J. Botvin, Ph.D.

Multi-Ethnic Drug Abuse Prevention Among New York Use (Minority Supplement)
National Institute on Drug Abuse/National Institutes of Health – Gilbert J. Botvin, Ph.D.

Multi-Ethnic Drug Abuse Prevention among New York Youth
National Institute on Drug Abuse/National Institutes of Health – Gilbert J. Botvin, Ph.D.

Personal Competence Skills and Adolescent Alcohol Use
National Institute on Alcohol Abuse & Alcoholism/National Institutes of Health – Kenneth W. Griffin, Ph.D., M.P.H.

Predictors of Adolescent Drug Use Among Inner-City Youth
National Institute on Drug Abuse/National Institutes of Health – Jennifer A. Epstein, Ph.D.

Rural Youth and Family Competencies Building Project
National Institute on Drug Abuse/National Institutes of Health (sub-contract: Iowa State. PI: Richard Spoth, Ph.D.) – Gilbert J. Botvin, Ph.D.

Self-Regulation Distress and Adolescent Drug Use
National Institute on Drug Abuse/National Institutes of Health – Kenneth W. Griffin, Ph.D., M.P.H.

Transitions in Smoking among Adolescent Minority Girls
National Cancer Institute – Tracy R. Nichols, Ph.D.



Robert B. Millman, M.D.
Division Chief

The Division of Community and Public Health Programs

Drug and alcohol use and dependence and their sequelae are among the most pressing public health problems facing modern society. In response, the Department of Public Health develops new opportunities for community-based prevention and treatment programs in conjunction with the Medical College and NewYork-Presbyterian Hospital, with a special focus on treating the underserved. Gaining increased understanding of these behaviors on the individual, local, national, and international level, and developing policy, treatment, and educational initiatives has become a critical focus of the Division of Community and Public Health Programs.

The Division develops, manages, and evaluates programs designed to provide drug and alcohol treatment, comprehensive healthcare, and preventive services across a wide socio-economic spectrum. Currently there is increased focus on the treatment of adolescents and patients with co-existing substance abuse and psychiatric and/or medical illnesses. Under the guidance of Division Chief Robert B. Millman, M.D., the Division runs several renowned programs that are at the forefront in the evaluation and treatment of these patients.

The Adolescent Development Program, long directed by Elizabeth T. Khuri, M.D., provides comprehensive care to adolescents addicted to narcotics, including those who are medically and/or psychiatrically ill. Offering services similar to those of the Adolescent Program, the Adult Services Clinic, headed by Aaron Wells, M.D., has also participated in critical research with respect to hepatitis C and other sequelae of addiction. Ann B. Beeder, M.D., was recently appointed Interim Medical Director of the two programs – elements of the administration of the program are being consolidated to increase program effectiveness. The Midtown Center for Treatment and Research is an innovative outpatient program for employed, chemically dependent individuals. The Center, under the guidance of Martin Sherry, C.S.W., operates an executive track program which provides individual and group substance abuse counseling and psychiatric care to employees of New York's leading corporations.

Whereas methadone treatment has been a lifesaver for many narcotics addicts, daily or bi-weekly visits to a clinic are often onerous for high functioning, stable patients. The Division's Medical Maintenance Program, led by Dr. Beeder, is an ambitious research study that was developed last year for people who are in methadone treatment and have been stable for a long period of time. It allows stringently screened participants to receive a prescription from their doctor for a 30-day supply of methadone requiring only a visit to the pharmacy, as opposed to going to a clinic for daily treatment.

Community and Public Health Programs

The Division also operates two Employee Assistance Programs (EAP) that offer a range of services including psychiatric evaluation, referral to appropriate therapeutic and/or educational resources, and short-term counseling. The Employee Assistance Program Consortium (EAPC), directed by Sonia G. Austrian, D.S.W., provides services to the employees of the Medical College and its neighboring institutions, including the Hospital for Special Surgery, the Memorial Sloan-Kettering Cancer Center, NewYork-Presbyterian Hospital, and Rockefeller University. The Employee Development Center, led by Jeffrey E. Diaz, A.C.S.W., provides state-of-the-art EAP services to more than 60 New York-area organizations.

In keeping with the Division's mission to serve the diverse populations within our community, Drs. Millman and Beeder collaborated with the Department of Psychiatry to establish NewYork-Presbyterian Hospital's Retreat at Westchester, which opened in mid-2002. This innovative in-patient program is designed to meet the needs of often very successful, though drug and alcohol dependent patients, including physicians, lawyers, business people, and athletes.

The Division's work reaches beyond drug and alcohol programs. Division member J. Emilio Carrillo, M.D., M.P.H., has long been an investigator in the areas of race, ethnicity and barriers to optimizing healthcare. He is President and Chief Medical Officer of the NewYork-Presbyterian Hospital Community Health Plan, the Hospital's managed Medicaid program. As director of this important program, Dr. Carrillo has expanded the patient base and continues to seek to provide high-quality care to underserved populations.

Because of his work at the Hospital, the New York State Department of Health awarded Dr. Carrillo a grant to develop, pilot and evaluate a culturally competent pediatric asthma disease management program within two Medicaid managed care plans. In conjunction with the Agency for Healthcare Research and Quality (AHRQ)-funded Integrated Delivery System Research Network (IDSRN), he has collaborated with IDSRN member Denver Health & Hospital Authority on two grants to study the impact of race and ethnicity on healthcare. Demographic information collected at the points of registration at NewYork-Presbyterian Hospital and its hospital affiliates in New York City provides the data for these investigations. Dr. Carrillo is also involved in the Brooklyn Community Heart Health Initiative, which seeks to address the problem of invasive cardiac procedure racial and ethnic disparities and to promote cardiovascular wellness.

Teaching is an important part of the Division's activities. The Residency Program in Addiction Psychiatry, led by Dr. Beeder, offers clinical research and administrative training related to the field. The primary site of training is the NewYork-Weill Cornell campus and includes the NewYork-Presbyterian Hospital, the Adolescent Development Program, the Adult Services Program, the Midtown Center for Treatment and Research, and the Employee Assistance Programs. A significant proportion of education and training in substance abuse for medical students and residents at the Medical Center is provided by Division faculty. Of note, Dr. Carrillo developed the GME Cultural Competency Training Program, which has been implemented for all residency programs at both campuses of the NewYork-Presbyterian Hospital.

Going forward, the Division plans to expand its academic base to better study the relationship of psychiatric illness to drug and alcohol addiction. The group also plans to enhance its hepatitis C investigations and is already working on this with Outcomes and Effectiveness Research Division members Brian Edlin, M.D., and Bruce R. Schackman, M.B.A., Ph.D. Policy and demonstration programs in collaboration with Drug Strategies in the areas of juvenile justice, drug treatment for adolescents, and national and international Drug policy development will continue.

The Division of Community and Public Health Programs develops, manages, and evaluates programs designed to provide drug and alcohol treatment, comprehensive healthcare, and preventive services across a wide socio-economic spectrum.

2001-2003 Highlights

- In December 2003, the JCAHO survey awards the Division's Adult and Adolescent methadone clinics a score of 98
- The Medical Maintenance Program, led by Ann B. Beeder, M.D., is developed as an alternative to traditional methadone treatment
- Division Chief Robert B. Millman, M.D., and Dr. Beeder collaborate with the Department of Psychiatry to establish new addiction services at NewYork-Presbyterian Hospital's Westchester Division
- The New York State Department of Health awards J. Emilio Carrillo, M.D., M.P.H., a grant to develop, pilot and evaluate a culturally competent pediatric asthma disease management program within two Medicaid managed care plans

Community and Public Health Programs – Faculty Profiles

Robert B. Millman, M.D.

Chief, Division of Community and Public Health Programs
Saul P. Steinberg Distinguished Professor of Psychiatry and Public Health
Attending Physician
Director, Alcohol and Substance Abuse Services, Payne Whitney Psychiatric Clinic
Chairman, Committee on Physician's Health, NewYork-Presbyterian Hospital
Extramural Activities
Chairman, Board of Directors, Drug Strategies
Scientific Advisory Panel, D.A.R.E. America
Professional Memberships
Academy of Medical Educators in Substance Abuse
American Academy of Psychiatrists in Alcoholism and the Addictions
American Psychiatric Association
American Public Health Association
New York Academy of Medicine

Sonia G. Austrian, D.S.W.

Associate Professor of Clinical Public Health
Director, Employee Assistance Program Consortium
Extramural Activities
Health Care Employee Assistance Program Network
NASW Mental Health Committee
Faculty Council - Payne Whitney Clinic
Adjunct Professor - Columbia University School of Social Work
Professional Memberships
Academy of Certified Social Workers
American Orthopsychiatric Association
Council on Social Work Education
Employee Assistance Professionals Association

Ann B. Beeder, M.D.

Associate Professor of Public Health
Assistant Professor of Psychiatry
Assistant Attending Physician
Director, Addiction Psychiatry Residency
Professional Memberships
American Psychiatric Association
American Society of Addiction Medicine

Ross Brower, M.D.

Assistant Professor of Clinical Public Health
Clinical Assistant Professor of Psychiatry
Assistant Attending Physician
Professional Memberships
American Psychiatric Association
American Public Health Association
American Society of Addiction Medicine
American Society of Adolescent Psychiatry
American Academy of Addiction Psychiatry

Pamela Buchbinder, M.D.

Assistant Professor of Clinical Public Health
Assistant Professor of Clinical Psychiatry
Professional Memberships
American Psychoanalytic Association
American Society of Addiction Medicine
History of Psychiatry, Arts Division
American Psychiatric Association
American Medical Association



Robert B. Millman, M.D.



Sonia G. Austrian, D.S.W.



Ann B. Beeder, M.D.



Ross Brower, M.D.



Pamela Buchbinder, M.D.

J. Emilio Carrillo, M.D., M.P.H.

Associate Professor of Clinical Public Health
Associate Professor of Clinical Medicine
President and Chief Medical Officer, NewYork-Presbyterian Community Health Plan
Extramural Activities
Agency for Healthcare Research and Quality, Expert Panel Vulnerable Populations
Professional Memberships
Admissions Committee, Weill Medical College of Cornell University
American Medical Association
American College of Physicians
National Latino Boricua Health Organization

Elizabeth T. Khuri, M.D.

Associate Professor of Clinical Public Health
Assistant Professor of Pediatrics
Clinical Affiliate
Director, Adolescent Development Program
Associate Director, Alcohol and Substance Abuse Service
Extramural Activities
Drug Policy Committee, Weill Medical College of Cornell University
Child Protection Committee of the Medical Board, NewYork-Presbyterian Hospital
Medical Ethics Committee, NewYork-Presbyterian Hospital
Professional Memberships
American Association for the Advancement of Science
American Medical Association
American Medical Society on Alcoholism and other Drug Dependencies
American Psychiatric Association
American Public Health Association
American Society of Addiction Medicine
New York Academy of Medicine
The New York Academy of Sciences

Eugene G. McCarthy, M.D., M.P.H.

Clinical Professor of Public Health
Director, Health Benefits Research Unit
Professional Memberships
American College of Public Health
American Federation of Clinical Research
American Public Health Association
Massachusetts Medical Society
New York Academy of Medicine
New York City Health Association
New York State Health Association

Bruce Phariss, M.D.

Clinical Assistant Professor of Public Health
Clinical Assistant Professor of Psychiatry
Professional Memberships
American Academy of Psychoanalytic Physicians
American Medical Association
American Psychiatric Association
American Society of Addiction Medicine



J. Emilio Carrillo, M.D., M.P.H.



Elizabeth T. Khuri, M.D.



Eugene G. McCarthy, M.D., M.P.H.



Bruce Phariss, M.D.

Community and Public Health Programs – Grants and Lead Investigators

Capacity to Conduct Studies on the Impact of Race/Ethnicity on the Access, Use & Outcomes of Care
Agency for Healthcare Research and Quality (Denver Health & Hospital Authority sub-contract) – *Alvin I. Mushlin, M.D., Sc.M.*

Addressing the Impact of Racial and Ethnic Disparities on Access, Use and Outcomes of Care
Agency for Healthcare Research and Quality (Denver Health & Hospital Authority sub-contract) – *J. Emilio Carrillo, M.D., M.P.H.*

Eliminating Disparities: Assessing the Effectiveness of a Culturally Competent Pediatric Asthma Disease Management Program
New York State Department of Health – *J. Emilio Carrillo, M.D., M.P.H.*

GME Cultural Competency Training Program at NewYork-Presbyterian Hospital
NewYork-Presbyterian Hospital – *J. Emilio Carrillo, M.D., M.P.H.*

Selected Department Publications

Outcomes and Effectiveness Research

- Battleman, D., Callahan, M., Thaler, H. Predictors of Length of Stay in Community Acquired Pneumonia: A Multi-Institutional Study. *Archives of Internal Medicine*, Vol. 162. March 25, 2002.
- Callahan, M., Christos, P., Gold, H., Mushlin, A., Daly, J. The Influence of Surgical Subspecialty Training on In-Hospital Mortality for Gastrectomy and Colectomy patients. *Annals of Surgery*, 238:629-636. 2003.
- Callahan, M., Fein, O., Battleman, D. A Practice-Profiling System for Resident Physicians. *Academic Medicine*, 77:34-39. January, 2002.
- Callahan, M., Fein, O., Battleman, D. A Practice-profiling System for Residents. *Academic Medicine*, 77:34-39. 2002.
- Edlin, B., Seal, K., Lorvick, J., Kral, A., Ciccarone, D., Moore, L., Lo, B. Is It Justifiable to Withhold Treatment for Hepatitis C from Illicit-Drug Users? *New England Journal of Medicine*, 345:211-4. 2001.
- Battleman, D., Callahan, M., Thaler, H. Predictors of Length of Stay in Community Acquired Pneumonia: A Multi-Institutional Study. *Archives of Internal Medicine*, Vol. 162. March 25, 2002.
- Gerber, L.M., Schwartz, J.E., Cedeno-Mero, C., Warren, K., and Pickering, T.G. Association of Urinary Albumin Concentration with Casual and Ambulatory Blood Pressure: A Similar Relationship in Normotensive and Hypertensive Subjects. *Blood Pressure Monitoring*, 6:245-251. 2001.
- Hupert, N., Mushlin, A.I., Callahan, M.A. Modeling the Public Health Response to Bioterrorism: Using Discrete Event Simulation to Design Antibiotic Distribution Centers. *Medical Decision Making*, 22(Suppl):S17-25. 2002.
- Hupert, N., Bearman, G.M.L., Mushlin, A.I., Callahan, M.A. Evidence-based Screening for Inhalational Anthrax in the Aftermath of a Large Scale Bioterrorist Attack. *Annals of Internal Medicine*, 139(5):337-345. 2003.
- Livshits, G. and Gerber, L.M. Familial Factors of Blood Pressure and Adiposity Covariation. *Hypertension*, 37: 928-935. 2001.
- Lyman, S. and Braver E.R. Occupant Deaths in Large Truck Crashes in the United States: 25 Years of Experience. *Accident Analysis and Prevention*, 35(5):731-739. 2003.
- Miké, V. Evidence and the Future of Medicine. *Evaluation and the Health Professions*, 26: 127-152. 2003.
- Mushlin, A.I., Ruchlin, H.S., Callahan, M.A. The Cost-Effectiveness of Diagnostic Measures in Medical Care. *The Lancet*, 358:1353-1355 (October 20), 2001.
- Phelan, D., Oliveria, S., Christos, P., Dusza, S., and Halpern, A. Skin Self-Examination in Patients at High Risk for Melanoma: A Pilot Study. *Oncology Nursing Forum*, 30:1029-1036. 2003.
- Schackman, B.R., Goldie, S.J., Weinstein, M.C., Losina, E., Zhang, H., Freedberg, K.A. Cost-Effectiveness of Earlier Initiation of Antiretroviral Therapy for Uninsured HIV-Infected Adults. *American Journal of Public Health*, 91:1456-1463. 2001.
- Schackman, B.R., Freedberg, K.A., Weinstein, M.C., Sax, P., Zhang, H., Goldie, S.J. Cost-Effectiveness Implications of the Timing of Antiretroviral Therapy in HIV-Infected Adults. *Archives of Internal Medicine*, 162:2478-2486. 2002.
- Seal, K. Kral, A. Gee, L., Moore, L. Bluthenthal, R., Lorvick, J., Edlin, B. Predictors and Prevention of Non-Fatal Overdose Among Street-Recruited Injection Heroin Users in the San Francisco Bay Area, 1998-1999. *American Journal of Public Health*, 91:1842-6. 2001.
- Supino, P.G., Schuleri, K., Gupta, A., Borer, J.S. Management of Valvular Heart Disease in Patients Over Age 65 Years. *Cardiovascular Reviews*, 20:24-31. 2003.

Health Services and Policy Research

- Finkel, M.L., Brown, H.A., Gerber, L.M., et al. Teaching Evidence Based Medicine to Medical Students. *Medical Teacher*, 25:208-10. 2003.
- Finkel, M.L. and Fein, O. Teaching Public Health in the 21st Century. *Academic Medicine*, Feb 2004.
- Ruchlin, H.S., Dasbach, E.J., Heyse, J.F. New Directions in Pharmacoeconomic Research: The Next Step. *Drug Information Journal*, 36:909-917 (October/December) 2002.
- Fein, O., Birn, A.E. Co-editors. Health Care Reform issue. *American Journal of Public Health*, 93:1-176. 2003.

Medical Ethics

- Fins, J.J., Gentilelco, B.J., Carver, A., Lister, P., Acres, C.A., Payne, R. and Storey-Johnson, C. Reflective Practice and Palliative Care Education: A Clerkship Responds to the Informal and Hidden Curricula. *Academic Medicine*, 78(3):307-312. 2003.
- Fins, J.J. Constructing an Ethical Stereotaxy for Severe Brain Injury: Balancing Risks, Benefits and Access. *Nature Reviews Neuroscience*, 4:323-327. 2003.
- Fins, J.J. From Psychosurgery to Neuromodulation and Palliation: History's Lessons for the Ethical Conduct and Regulation of Neuropsychiatric Research. *Neurosurgery Clinics of North America*, 14(2):303-319. 2003.

Prevention and Health Behavior

- Birnbaum, A.S., Lytle, L.A., Story, M., Perry, C.L., Murray, D.M. Are Differences in Exposure to a Multicomponent School-based Intervention Associated with Varying Dietary Outcomes in Adolescents? *Health Education and Behavior*, 29(4):427-443. 2002.
- Bolvin, G.J., Griffin, K.W., Diaz, T., Ifill-Williams, M. Drug Abuse Prevention Among Minority Adolescents: One-year Follow-up of a School-based Preventive Intervention. *Prevention Science*, 2:1-13. 2001.
- Bolvin, G.J., Griffin, K.W., Diaz, T., Ifill-Williams, M. Preventing Binge Drinking During Early Adolescence: One- and Two-year Follow-up of a School-based Preventive Intervention. *Psychology of Addictive Behaviors*, 15:360-365. 2001.
- Griffin, K.W., Bolvin, G.J., Scheier, L.M., Epstein, J.A., Diaz, T. Personal Competence Skills, Distress, and Well-being as Determinants of Substance Use in a Predominantly Minority Urban Adolescent Sample. *Prevention Science*, 3:23-33. 2002.
- Griffin, K.W., Bolvin, G.J., Nichols, T.R., Doyle, M.M. Effectiveness of a Universal Drug Abuse Prevention Approach for Youth at High Risk for Substance Use Initiation. *Preventive Medicine*, 36:1-7. 2003.
- Sidebottom, A.C., Birnbaum, A.S., Nafstad, S.S. Decreasing Barriers for Teens Evaluation of a New Teen Pregnancy Prevention Strategy in School-based Clinics. *American Journal of Public Health*, 93(11):1890-1892. 2003.

Community and Public Health Programs

- Betancourt, J.R., Green, A.R., Carrillo, J.E. Defining Cultural Competence: A Practical Framework for Addressing Racial/Ethnic Disparities in Medical Care. *Public Health Reports*, 118:293-302. 2003.
- Green, A.R., Carrillo, J.E., Betancourt, J.R. Integrating Social Factors into Cross-Cultural Medical Education. *Academic Medicine*, 77:193-197. 2002.
- Millman, R.B., Ross, E.J. Steroid and Nutritional Supplement Use in Professional Athletes. *The American Journal on Addictions*, 12:S48-S54. 2003.



Drs. Finkel, Mushlin and Gerber

Department COREs

The Department of Public Health houses three important cross-divisional groups that engage in research and provide services that benefit both the Weill Medical College community and outside organizations.

Women's Health Research Group

The Department of Public Health launched a new initiative in women's health in 2003. The Women's Health Research Group (WHRG) is a multidisciplinary group in the Department of Public Health that conducts and promotes research in women's health issues with the objective of improving the healthcare and health status of all women. Led by Tracy Nichols, Ph.D., members of the group bring to the field of women's health a broad range of expertise in health services and behavioral sciences and offer research experience in cardiovascular disease, hypertension, substance abuse, cancer, diabetes, contraception, HIV/AIDS, arthritis, obesity, aging, osteoporosis, orthopedics, pregnancy, menopausal transition and depression.

WHRG has two related aims: 1) collaborate with and provide methodological research expertise to clinicians and clinical researchers interested in furthering women's health issues. As part of this goal, the group will design, conduct and evaluate preventive programs and clinical interventions geared to women. 2) promote the inclusion of women and women's health issues in both research and policy initiatives. To achieve this goal, WHRG provides special seminars and lecture series for the discussion of critical issues in the field. It also assists in promoting state-of-the-art research findings through a variety of channels including scientific publications, policy statements, newsletters, press releases, lectures and presentation and media appearances.

Since WHRG was conceived as an interdisciplinary group within the larger NewYork Weill Cornell and Columbia Presbyterian Center community, an important first task for WHRG members has been to identify potential collaborators across the institutions. Towards this aim, WHRG has met with members of the Iris Cantor Women's Health Center to explore opportunities to collaborate on research projects in the area of lifestyle interventions (i.e. physical activity and smoking cessation) and hypertension. Additional meetings with other potential collaborators are being planned. Efforts towards WHRG's second goal have focused on developing a lunchtime seminar series. Starting in January, the group will host a series of brown bag discussions on issues related to women's health research.

Clinical Research Methodology Core

Under the leadership of Linda M. Gerber, Ph.D., the Department of Public Health manages a core resource facility to provide assistance to investigators engaged in research at the Weill Medical College and the Graduate School of Medical Sciences. The Core contains the requisite expertise and methodological skills for conducting clinical research and provides assistance with all services necessary for writing a competitive research proposal. Providing services from the beginning through the very end of a study, experienced consultants from the Department assist investigators with operationalizing hypotheses, designing protocols,

selecting samples, determining sample sizes, power analyses, and strategies for recruitment. Additional services include statistical analysis of data derived from clinical, epidemiologic, health services, and evaluation research.

Clinical Research Methodology Core:
Servicing investigators of Weill Cornell campus

September 2000 - June 2003		
Type of Service	Number of projects	
Biostatistical	138	85%
Methodological	12	7%
Deliverable	13	8%
Total number of projects	163	
Client Utilization (by department)	33	

Top users:	
Cardiothoracic Surgery	Pediatrics
Medicine	Radiology
Neurology	Strang-Cornell
OBGyn	Surgery
Otorhinolaryngology	Urology

Cornell Analytic/Consulting Services

Formed in September 2000, Cornell Analytic/Consulting Services provides expert epidemiologic, biostatistical and health economic consulting services to healthcare organizations outside of the Medical College. Under the direction of Madelon L. Finkel, Ph.D., Cornell Analytics is designed specifically to provide expert consulting services in the areas of pharmacoepidemiology, pharmacoconomics, outcomes research and data management. The objective is to assist clients, including pharmaceutical companies, healthcare organizations, managed care organizations, and public agencies obtain the information they need in a timely manner.

From 2001-2003, the group has undertaken 30 projects with contract values totaling \$600,311.

Mini-course in Biostatistics and Epidemiology Lincoln Hospital Residency <i>Madelon Finkel, Ph.D.</i> <i>Paul Christos, M.S., M.P.H.</i>	Patient Satisfaction Survey Weill Medical College Physician Organization <i>Madelon Finkel, Ph.D.</i>	The Rogosin Institute Telemedicine Project: An Evaluation The Rogosin Institute <i>Madelon Finkel, Ph.D.</i> <i>Hirsch Ruchlin, Ph.D.</i>	Medical Education Program AstraZeneca <i>Madelon Finkel, Ph.D.</i>
Brooklyn Hospital - Family Medicine Residency <i>Madelon Finkel, Ph.D.</i>	Prostrate Cancer Research Survey University of Medicine and Dentistry of New Jersey <i>Madelon Finkel, Ph.D.</i>	Seminarian Mentorship Initiative Episcopal Diocesan <i>Joseph Fins, M.D.</i>	Cost-Effectiveness of Preventing HIV Complications Partners – Mass General <i>Bruce Schackman, M.B.A., Ph.D.</i>
Brooklyn Hospital - Pediatrics Residency <i>Madelon Finkel, Ph.D.</i>	Support for Merck's Substance P for Depression, Cancer, Asthma and Diabetes Programs Merck Research Labs <i>Hirsch Ruchlin, Ph.D.</i>	HIV Medication Adherence Program Analysis The New York Academy of Medicine <i>Bruce Schackman, M.B.A., Ph.D.</i>	Physician Pilot Survey Weill Medical College Division of Geriatrics & Gerontology <i>Madelon Finkel, Ph.D.</i>
New York Hospital - Queens <i>Madelon Finkel, Ph.D.</i>	Spiritual Guide to Palliative Care from a Jewish Perspective CLAL – The National Jewish Center for Learning and Leadership <i>Joseph Fins, M.D.</i>	Research and Quantitative Analysis Rochester <i>Heather Taffet Gold, Ph.D.</i>	Lincoln Fellow Program Lincoln Hospital <i>Madelon Finkel, Ph.D.</i>
Economic Impact of Renal Failure in Coronary Artery Bypass Surgery Strategic Marketing Technologies, Inc. <i>Mark Callahan, M.D.</i>			Course in Research Methodology Early Options Program <i>Madelon Finkel, Ph.D.</i>

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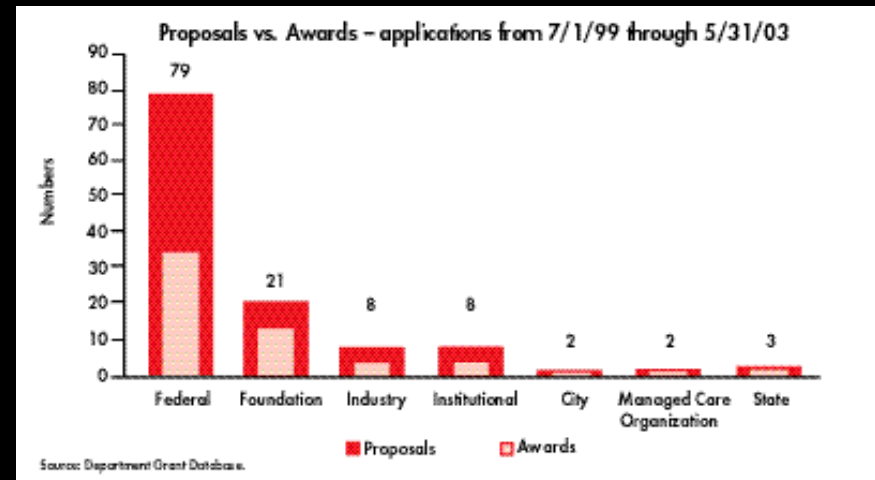
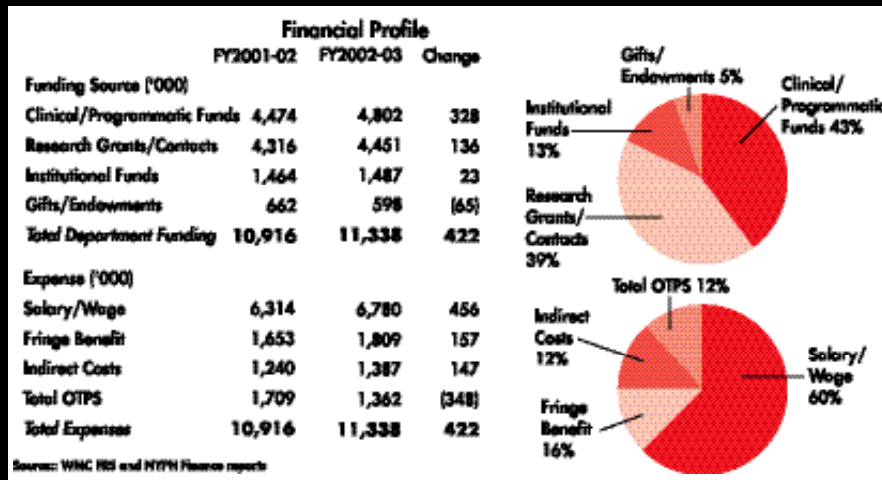
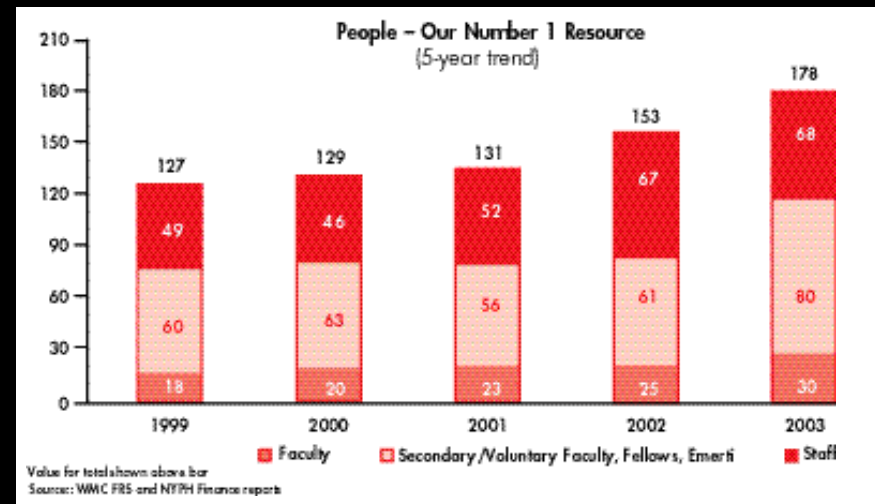
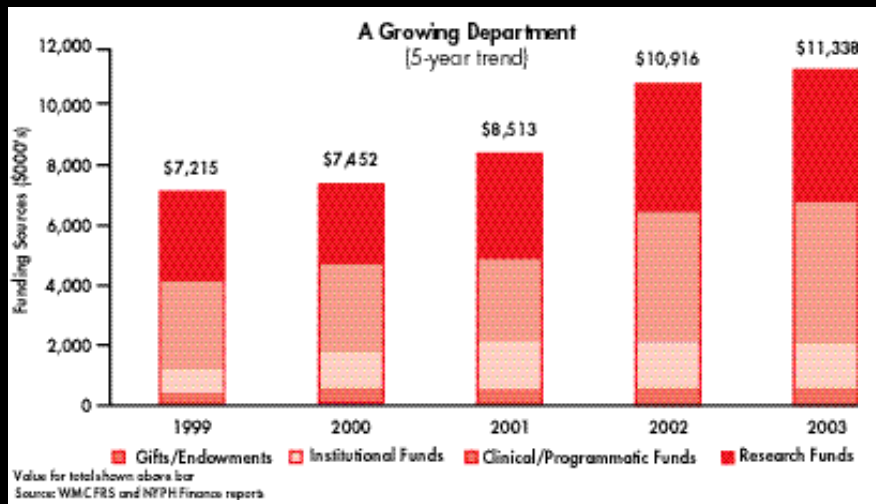
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Department Profile



2001-2003 Academic Activities

Academic Forums

New Research in Progress Seminars, jointly sponsored with our faculty from the Memorial Sloan-Kettering Cancer Center, were added to our active schedule of research and academic forums. These interactive sessions provide an opportunity for feedback early in the evolution of research projects. Additionally, our Research/Academic Conference Series and Journal Club included topics such as patient safety and quality of care, human rights, and health literacy. All conferences have become increasingly popular and are attended by members of the entire medical community. Forums have been held to discuss HIV Prevention and Treatment in Africa, Public Health and Human Rights, Health Literacy and Screening Behaviors, and World Health Organization: Essential Drug Programs, just to name a few.

For a complete schedule of upcoming events, visit the Academic Activities page on our website at www.med.cornell.edu/public.health

Enhanced Education in Public Health

Since 2001, the Department has added to and further developed its medical student courses. Epidemiology and Biostatistics were integrated as part of Medicine, Patients and Society I (MPS I) in the first year. A new Evidence-Based Medicine module also became part of the MPS I curriculum. A new course entitled Introduction to the U.S. Healthcare System now precedes the public health clerkship in MPS II. The Department launched the Foundations of Clinical Research graduate course to strengthen training in clinical research in the Institution and began the Pfizer Research Fellowship in Health Services Research.

Visiting Professors

In the pursuit of educational collaboration, the Department has sponsored several visiting professors.

The Ralph and Lorraine Lubin Distinguished Visiting Professor is endowed by a gift from the family of Dr. Madelon L. Finkel, a member of the Public Health faculty since 1977.

The 2003 Lubin Visiting Professor was Karen Davis, Ph.D., president of the Commonwealth Fund. She presented "Creating Consensus on Coverage Choices: Leadership Roles for Academic Institutions" to members of the Medical College on April 16, 2003.

Thomas R. Frieden, M.D., M.P.H., was our 2002 Lubin Visiting Professor. Commissioner of the New York City Department of Health, Dr. Frieden presented "Public Health in the 21st Century" on June 12, 2002.

The William D. Stubenbord Visiting Professorships were established in 1968 with an endowment from the Louis Calder Foundation. In 2003, the Department of Public Health was honored to be selected to host a Stubenbord Visiting Professor – the first time it has done so since 1987.

The 2003 Stubenbord Visiting Professor was Michael J. Barry, M.D., director of the Health Services Research Program at the Massachusetts General Hospital. He spoke on "Population-based Data on the Effectiveness of Early Detection and Treatment for Prostate Cancer."

Development

The Department of Public Health's commitment to excellence in clinical care, research and education could not be accomplished without the support and partnership of private philanthropy. Your donation will contribute to our efforts to foster, promote and protect the health and well-being of the community; prevent and reduce disease; reduce inequalities in healthcare delivery; improve access to healthcare; and further academic medicine in the area of public health. Whether you are interested in supporting our HIV, bioterrorism, or drug prevention research, or would like to make a difference in the development of a faculty member in the beginning stages of his or her career by contributing to our Faculty Development/Research Fund, there is a need for your philanthropy.

Prior gifts and endowments supported new and existing research and services programs, visiting professorships and endowed faculty chairs. These critical funds are necessary to ensure the continued fulfillment of these commitments.

Each of our five divisions are working on a variety of research and clinical programs that need your support. We are seeking start-up funds for new research, as well as donations to the Chairman's Development Fund, which makes initial investments in faculty and the Department's infrastructure at Dr. Mushlin's discretion. Endowments are currently needed for professorships in the Divisions of Medical Ethics, Outcomes and Effectiveness Research, and Health Services and Policy Research. Professorships are integral to our goal of advancing scholarly research, strengthening medical education and improving healthcare because they enable the Department to attract and retain outstanding senior scientists. These are just a sample of the types of funds necessary to ensure the Department's continued success.

There is a place for even the smallest contribution. We encourage you to contact the Office of the Chairman or the NewYork-Weill Cornell Development Office at (212) 821-0500 to discuss philanthropic options. The Chairman and the staff of the Development Office will work with prospective patrons on areas and projects of interest and review available recognition opportunities.

Endowments

Professorships

Postdoctoral Fellowship Program

Faculty Development/Research Fund

Expendable Support

Start-up funds for new research

Clinical programs support

Chairman's Development Fund

Divisional Development Fund

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