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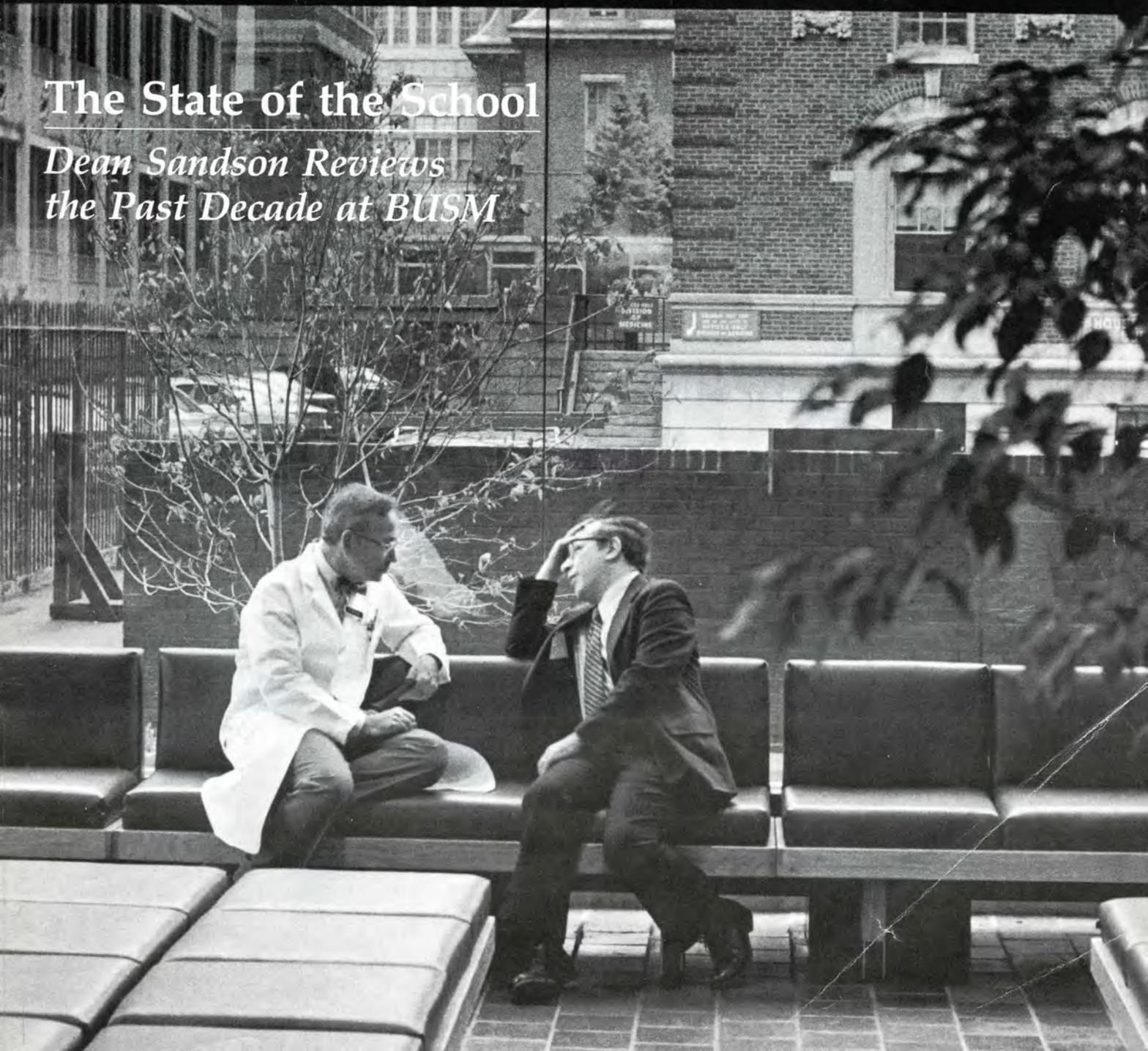
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Centerscope

Boston University Medical Center

The State of the School
*Dean Sandson Reviews
the Past Decade at BUSM*



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Feature articles are signed and represent the authors' viewpoints. Readers are encouraged to comment through the Forum section.

Photography: Page 2—Dean Abramson/Stock Boston; Pages 5, 6, 9 (bottom left, right), 10 (bottom left), 13, 14, 15, 19, 20, 22 (top), 23, 24, 25 (bottom), 26, 27, 45—Bradford F. Herzog; Pages 7, 8—Lewis Glass, Educational Media, BUSM; Page 9 (top), 10 (right)—Joan Clifford, Educational Media, BUSM; Page 10 (top left)—Fred Delorey, Educational Media, BUSM; Page 11, 25 (top)—File photos; Pages 17, 18—Gustav Freedman; Page 21—M. McCarthy; Page 22 (bottom)—Marilyn J. Davis; Page 28—Linda Maule Taylor; Pages 34, 47—Paul Foley.

On the Cover: John I. Sandson, M.D., who this fall will observe his tenth year as dean of the School of Medicine, believes good communication skills are essential to being an effective medical school dean. Here Dean Sandson, right, consults with BUSM faculty member Alan S. Cohen, M.D., who is chief of medicine at Boston City Hospital. Page 19.

Cover: Photo by Bradford F. Herzog

Centerscope

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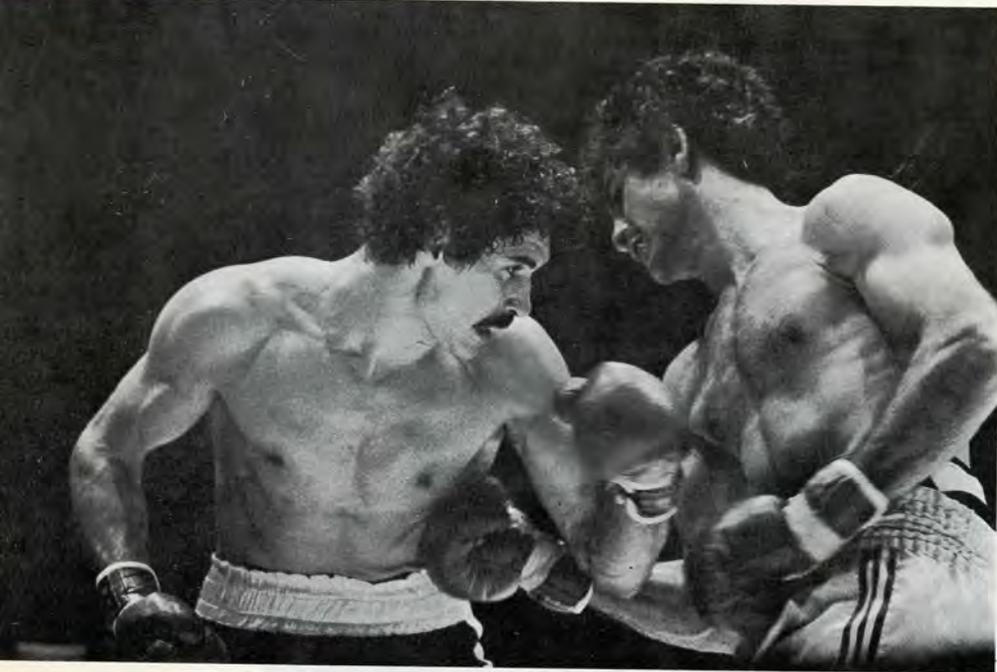
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Legal Signs

Boxing: Atavistic Spectacle or Artistic Sport?

by George J. Annas, J.D., M.P.H.

Abraham Lincoln reportedly told a group who wanted to outlaw gamecock fighting: "As long as the Almighty permits intelligent men, created in His image and likeness, to fight in public and kill each other while the world looks on approvingly, it is not for me to deprive the chickens of the same privilege."¹

In the century and a half since, gamecocking has been legally abolished in all but a handful of states, while boxing has flourished and boxers continue to be killed and seriously injured. The November 1982 death of Duk Koo Kim following a bout with Ray "Boom Boom" Mancini, and mismatches like the one between Larry Holmes and Randall "Tex" Cobb (Nov. 26, 1982) have led to a chorus of cries to outlaw or regulate boxing.²⁻⁵

The abolitionist argument. The abolitionist argument was summarized in two editorials in the *Journal of the American Medical Association* (JAMA)

George J. Annas is the Edward R. Utley Professor of Health Law at the School of Medicine and is chief of the Health Law Section in the School of Public Health. "Legal Signs" is a continuing feature of Centerscope.

in January 1983.^{2,3} George D. Lundberg, M.D., the editor, argued that boxing should be banned because unlike other recognized sports, where injury is an undesired by-product of the activity, "the principal purpose of a boxing match is for one opponent to render the other injured, defenseless, incapacitated, unconscious."² A companion guest editorial described boxing as "a vicious and deadly game" and a "public spectacle of brutality."

Since those editorials, 11 fighters have died as a result of injuries suffered in the ring. In May 1984, Lundberg wrote a followup editorial in which he pointed out that while his and the AMA's position had provoked much discussion, little had changed. He therefore presented an alternative to a complete ban on boxing—an alternative that would eliminate brain injury to the fighters while retaining the "graceful" aspects of the sport: "Blows to the head should be made illegal," just as blows to the testes were previously made off limits. (Lundberg, G. D.: Boxing should be banned in civilized countries—Round 2. *JAMA* 251: 2696, 1984.)

While injury to boxers was given as a major reason for abolition of this form of "entertainment," others, such as columnist George Will, have argued that "a sufficient reason (to outlaw boxing) is the quality of the pleasure boxing often gives to spectators": It is "coarsening" and undermines the values upon which "good government and good life depend." **The reformist argument.** Reformers agree that there are abuses, but argue that boxing as a sport is no more "bloodthirsty" than football, auto racing or hunting. It is a voluntary endeavor among adults, and has safety rules and procedures that can be improved, they argue.⁶

The ambivalence of philosophers like Albert Camus, a boxing fan who opposed both violence and capital punishment, is alluded to by reformists, and the potential artistry of boxing is praised. Investigative reporter Jack Newfield says of himself: "I still find watching a film of Sugar Ray Robinson as exhilarating as reading a poem by Keats, listening

to a spiritual sung by Mahalia Jackson or hearing a soliloquy composed by Shakespeare. Artistry is artistry, regardless of the calling."⁴

The American Medical Association's Council on Scientific Affairs has adopted the report of its Advisory Panel on Brain Injury in Boxing. The panel found that the mortality rate for boxers seems to be lower than that for football players, motorcycle racers, scuba divers, mountain climbers, hang gliders, sky divers and jockeys, although the panel "had no information on how these statistics were compiled."⁵

The panel's literature review disclosed numerous studies of boxing's "punch-drunk syndrome," which is related to traumatic encephalopathy from repeated blows to the head. They noted, however, that almost all of these studies were poorly designed, with no evaluation for possible confounding variables and no suitable control populations. They concluded that although a dangerous sport, boxing "does not seem any more dangerous than other sports presently accepted by society." The panel recommended a series of steps for state and local commissions to take to improve safety equipment, safety measures and medical supervision of boxing.⁵

Should boxing be outlawed? There is no dispute that the individual states could, if they wanted to, outlaw boxing within their borders.⁷⁻⁸ The states' public-health "police powers" are broad enough to prohibit an activity that has had as many disabling injuries as boxing.⁹ But since boxing appears to be no more dangerous to the participants than many other sports, *JAMA's* editor seems correct in focusing the abolitionist argument on the intent of the boxers themselves.

The relevant question then becomes, is boxing the only socially accepted sport in which the intent is to injure or incapacitate the opponent? Superficially the answer seems to be "yes," since in other sports the objective is usually either territorial or a specific goal. The distinction, however, is probably illusory. The violence of football collisions cannot

be persuasively distinguished from the blows delivered in the ring.

In a lawsuit filed by professional football player Dale Hackbart against the Cincinnati Bengals and one of their players, Charles Clark (who struck him in the back of the head), U.S. District Court Judge Matsch noted that the most "obvious characteristic (of football) is that all of the players engage in violent physical behavior."¹⁰

He summarized the testimony of former Denver Broncos coach John Ralston. Ralston had testified that before a game, he tries to generate in his players the emotional equivalent of the rage a father, whose family had just been endangered by another driver who attempted to force the family car off the edge of a mountain road, would feel after he overtook the offender and opened the offender's door to take revenge on him.

"The NFL (National Football League) has substituted the morality of the battlefield for that of the playing field," and the "restraints of civilization have been left on the sidelines," the judge said.

Because of this, the judge ruled that one player could not sue another for injury since there was a knowledgeable assumption of risk. The Appeals Court, however, disagreed, noting: "It is difficult to understand why social policy should dictate judicial blindness to the violence of professional football. The threat of proper judicial intervention can serve the useful function of discouraging uncontrolled and unnecessary violence."¹⁰

Football also has injury and regulatory parallels. For example, of 1,040 total players and their substitutes in the NFL in 1973 and 1974, there was an annual average of 1,101 injuries so severe that the player had to be removed from the game, and 136 players required surgery.¹¹

In the late 1800s, football was much more dangerous than either it or boxing is today. Players wore no protective padding or helmets and, because of the frequency of death and injury, the public demanded changes in the game. After the 1905 season, in which there were 18 fatali-

ties and 159 serious injuries, President Theodore Roosevelt called together representatives of various colleges and threatened to abolish football altogether unless safeguards were adopted.

'Boxing is the least regulated major sport ...and probably the most vulnerable to corruption'

Least-regulated sport. Although theoretically regulated by state and local boxing commissions in 46 states, boxing is the least-regulated major sport in the United States, and probably the sport most vulnerable to corruption.

In the days when boxing was an event only for a local audience, state and local boxing commissions may have made regulatory sense. But with television networks and cable stations, boxing is no longer properly viewed as a local public-health issue to be handled by exercise of the state police powers. It is—like football, baseball, basketball and hockey—big-time commerce, and is more appropriately regulated by the federal government under the interstate commerce clause.

Society presumably tolerates injury in boxing and other violent sports only because it assumes that players do not have a malicious intent to injure, and because it views the likelihood of injury as slight.⁸ Neither of these presumptions has yet been proven false in boxing. Nevertheless, federal regulation is needed in boxing because it is basically an "unstructured, anarchistic sport" with no regular schedules or leagues, standings that are "political" and matches that are "improvised and arbitrary."⁴

A federal boxing commission could do what individual state boxing commissions can never do: develop and implement uniform safety standards for the sport. Since most of the

Legal Signs

money in boxing is for American television networks, the rules promulgated by a federal commission would stand a reasonable chance of becoming worldwide standards.

The road to regulatory reform will not be an easy one. Individual state commissions will not want to see their power taken away, and sports promoters will worry about profits. Although the federal government must regulate, it need not preempt the arena; states should be permitted to have stricter standards than those imposed by a federal boxing commission, and state boxing commissions should probably retain authority over local "tough man" contests, which should either be heavily regulated or outlawed.

The federal boxing commission's job will be to:

- license and maintain a central registry of all boxers and fights;
- sanction one set of ratings and champions;
- grade all boxers to avoid flagrant mismatches;

- develop reasonable medical standards regarding pre-fight physicals;
- require the presence of ringside physicians having the ability to terminate the fight or extend rest periods between rounds;
- require post-fight neurological examinations;
- enforce mandatory suspensions after knockouts or injuries; and
- develop and enforce safety standards regarding such equipment as mats and corner-post padding.

The commission's job will be to ensure that the sport is as safe as it can be, and that boxers who are likely to be injured themselves or to maliciously injure others are not permitted to fight. Reasonable regulations could replace an increasingly atavistic spectacle with an artistic sport: We owe it to the boxers and ourselves to try.

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Research in the News

Exogenous Estrogens Not Implicated in Breast-Cancer Study

Noncontraceptive estrogens do not appear to increase the risk of breast cancer in pre- or post-menopausal women, according to a recent report by researchers at BUSM's Drug Epidemiology Unit. Results from the five-year study, reported in the July 6 issue of the *Journal of the American Medical Association*, also indicate similar risk levels for subgroups reportedly at higher risk, such as long-term users of these estrogens or those with a family history of the disease.

The study was based on interviews with more than 3,000 women in hospitals across the country from 1976 to 1981. The researchers compared 1,610 breast-cancer patients with 1,606 women of corresponding ages hospitalized for other conditions on their history of estrogen use.

Contrary to many earlier reports based on smaller sample sizes, "there is now strong evidence to suggest

that these drugs do not increase the overall risk of the disease," according to the researchers.

The researchers estimated the relative risk to users of conjugated or other noncontraceptive estrogens compared with non-users to be less than 1 percent. Furthermore, the data suggest no increased risk for women who have used these estrogens for many years, even at high doses, or in the distant past, or for those who have had one or both ovaries removed.

Researchers involved in the DEU study were David W. Kaufman, Sc.D., senior investigator; Lynn A. Rosenberg, Sc.D., assistant director of the DEU; Samuel Shapiro, M.B., F.R.C.P.(E), director of the DEU; and Donald R. Miller, M.S., and Susan P. Helmrich, M.S., epidemiologists.

Sexual Histories: A Useful Tool in Medical Practice

Boston University School of Medicine researchers, in a recent issue of *Archives of Internal Medicine*, advised that primary-care internists seeing new patients for specific problems or routine checkups should compile the patients' sexual histories to be better able to treat and advise them. Physicians often neglect to ask for and record this information because of its sensitive nature.

The five-month study, carried out in the General Medicine Clinic at the Evans Memorial Department of Clinical Research at University Hospital, involved 23 general internists and 228 patients. Eleven internists were trained to take detailed sexual histories of all new patients assigned to them during the study. From this information, the physicians could answer questions important to the patient in 24 percent of the cases;

improve their understanding of the patient's psycho-social environment in 39 percent; obtain important medical information in 26 percent; and use this information to help determine the course of treatment in 16 percent.

More than half of the participating patients reported one or more sexual problems or areas of concern. Ninety-one percent believed a discussion of sexual background was or would have been appropriate. Researchers involved in the study were Jack Ende, M.D., an assistant professor of medicine; Susan Rockwell, M.Ed., of the Peripheral Vascular Unit at UH, and Marian Glasgow, M.S.W., an assistant professor of socio-medical sciences and community medicine and director of the Human Sexuality Teaching Program at BUSM.

Vascular Factors Linked to Radiation-Associated Impotence

School of Medicine researchers recently reported in the *Journal of the American Medical Association* that they have identified abnormal vascular factors as the major physical abnormality in men having radiation-associated impotence (RAI), a common side effect of radiation treatment for prostate cancer. The researchers called for further studies to examine whether the incidence of RAI can be altered by adjusting radiation doses or by limiting the area of the body irradiated.

Of 23 study subjects with prostate cancer who received external beam pelvic radiation, 15 met the criteria for potency, four could achieve partial erections and four were totally impotent. Following radiation therapy, 15 of the 19 patients who had been potent or capable of partial erections experienced a decline in capacity to partial erection or total impotence. The researchers found that while neurologic testing and endocrine screens failed to reveal any consistent abnormalities, vascular testing found abnormalities in all of the subjects.

Researchers involved in the study



were: Irwin Goldstein, M.D., an assistant professor of urology; Merrill I. Feldman, M.D., a professor of radiology and chief of the Division of Radiation Medicine at UH; Peter J. Deckers, M.D., formerly an associate professor of surgery at BUSM and now at Hartford Hospital, Conn.; Richard K. Babayan, M.D., an assistant professor of urology; and Robert J. Krane, M.D., professor and chairman of the Department of Urology.

Researchers Measure Benefits of Coronary Artery Bypass Surgery

As part of an ongoing longitudinal study of recovery and rehabilitation after major cardiac surgery, BUSM researchers report evidence that coronary artery bypass graft surgery substantially improves patients' physical, sexual and social functioning. The report, based on interviews with patients before and after surgery, appeared in a recent issue of *The Annals of Thoracic Surgery*.

The researchers analyzed data from standardized questionnaires and interviews administered to 340 patients before and six months after their operations. After surgery, CABG patients had fewer total activity restrictions or incapacitated days per month; experienced improvement in the quality of their sexual lives through increased energy and desire, and decreased pain and worry; and were more readily able to return to work and to participate in social functions, according to the report.

The study was conducted at four hospitals, including University Hospital. Researchers were Babette-Ann Stanton, Ph.D., an assistant research professor of medicine and psychiatry and acting chairman of the Department of Behavioral Epidemiology; C. David Jenkins, Ph.D., former chairman of the Department and now at the University of Texas Medical Branch; Judith A. Savageau, M.P.H., a biostatistician; and Robert L. Thurer, M.D., of the Department of Cardiothoracic Surgery at Beth Israel Hospital.

Kaleidoscope

Board Members Visit BUSM

A special video presentation on the School of Medicine and discussions of recent advances in medical research were the focus of the morning session of the annual day-long program for the BUSM Board of Visitors, held June 15 at the School.

The 40-minute film was prepared by the **Educational Media Support Center** at BUSM in cooperation with **Arthur J. Culbert, Ph.D.**, assistant dean for student affairs. Following the film, **Arthur J. Roberts, M.D.**, recently appointed professor and chairman of the Department of Cardiothoracic Surgery at BUSM and chief of the Department of Cardiothoracic Surgery at University Hospital, spoke on recent advances in cardiac surgery. (See story below on Roberts' appointment.) In addition, **Robert J. Krane, M.D.**, professor and chairman of the Department of Urology, discussed new developments in the evaluation and treatment of male impotence.

Other morning activities included

tours and demonstrations of time lapse cinematography of cell cultures in the Biochemistry Center and the Cell Sorter in the Hubert H. Humphrey Cancer Research Center, located in the Centers for Advancement in Health and Medicine, and the CT-scanner at Boston City Hospital.

Following the luncheon, **Carl Franzblau, Ph.D.**, professor and chairman of the Department of Biochemistry, addressed Board members on "Modern Biochemistry" and **N. Paul Rosman, M.D.**, a professor of pediatrics and neurology, and director of pediatric neurology at BUSM and BCH, spoke on "Advances in Child Neurology."

The afternoon program also featured an update on the activities of the Technology Transfer Program, presented by **Daniel Bernstein, M.D.**, associate dean for resources and hospital affiliations and director of the Office of Industrial Liaison. **William J. Freeman**, recently appointed director of Development for BUSM, described BUSM fundrais-



Carl Franzblau, Ph.D., center, adjusts a microscope for Board member Gerald S. Eilberg, left, president of Direct Marketing, Inc., during a tour of the Biochemistry Center. Fellow Board members James D. Price, second from right, vice president of Merrill Lynch, Hubbard, Inc., and Board Chairman Elihu Rose, Ph.D., a partner of Rose Associates, look on.

ing activities and goals.

Other speakers included **Dean Sandson**, **Casey Coburn**, director of Media Relations for BUSM, and **Elihu Rose, Ph.D.**, chairman of the 42-member Board of Visitors.

Four new members were elected to the Board this year. They are: **Richard Alberding**, senior vice president, international, of Hewlett-Packard Co., Palo Alto, Calif.; **Richard Marcus**, chairman and chief executive officer of Nieman-Marcus, Inc., of Dallas; **Pat O'Connor**, principal partner of the O'Connor and Hannan law firm, Washington, D.C.; **Laszlo Tauber, M.D.**, a surgeon at Jefferson Memorial Hospital in Washington, D.C., and a clinical professor of surgery at Georgetown University.

SPH Offers Doctorate

Among the many recent achievements of the School described by Dean Sandson and others during the Board of Visitors' visit was the tremendous growth of the **School of Public Health**. As of this fall, a new doctoral program is offered through SPH's **Epidemiology and Biostatistics Section**. The **Doctor of Science Degree in Epidemiology (Sc.D.)** program, SPH's first doctoral program, was unanimously approved last spring at a BUSM general faculty meeting and instituted this fall.

The program offers health professionals the chance to conduct original research in epidemiology while they pursue careers as professional epidemiologists, according to **Theodore Colton, Sc.D.**, chief of the Section and director of the program. Students in the program are provided with a foundation in epidemiologic principles and methods, biostatistical methods and general public-health knowledge.

Areas of specialization in the program are: chronic disease epidemiology, communicable disease epidemiology, epidemiologic theory and design, epidemiology of health services, behavioral and psychosocial epidemiology and environmental epidemiology. The Section is one of five academic sections at SPH, the others being Environmental Health, Health

Law, Health Services, and Social and Behavioral Sciences.

Revolving Loan Fund Begun

Earlier this year, the **School of Public Health** was the recipient of a \$25,000 award from the **Massachusetts Health Research Institute** for the **Revolving Student Loan Fund** at SPH. A ceremony was held at the School to mark the award, which is for the exclusive use of state, county and municipal employees enrolled as students at SPH. The School's Revolving Student Loan Fund is a permanent self-sustaining loan fund that was established in 1982.

Center Director Named

Board members also were informed of the appointment of **Herbert H. Wotiz, Ph.D.**, as the new director of the **Hubert H. Humphrey Cancer Research Center**. The appointment of Wotiz, who helped to plan the Center and has held several key positions within the organization, was approved by the Boston University Board of Trustees on June 13.

Dean Sandson, who announced the appointment, lauded Wotiz as "one of the outstanding scientists in the field of cancer research." He added, "We are very fortunate to have Dr. Wotiz as director of the Humphrey Cancer Research Center. I am certain he will provide the leadership to keep the Cancer Research Center at the forefront of research in this important field."

Wotiz replaces **Paul H. Black, M.D.**, who became director in 1979.



Herbert H. Wotiz, Ph.D.

Black gave up the position in order to devote more time to his research and to his duties as chairman of BUSM's Department of Microbiology. "We greatly appreciate the excellent contributions that Dr. Black has made to the Cancer Center over the last five years," Dean Sandson said.

A native of Vienna, Austria, Wotiz received his doctorate in biochemistry from Yale University and joined the BUSM faculty in 1950. His initial research assignment was to set up the School's first cancer laboratory, and he has been involved in cancer research ever since. He has held a number of posts at the Center, including associate director, deputy director and research coordinator.



Pictured with portrait of Sidney R. Cooperband, M.D., are, from left, his mother, Adele, his widow, Selma, and his son, Robert.

Portrait Unveiled

A color portrait of the late **Sidney R. Cooperband, M.D.**, the first director of the **Humphrey Center**, now hangs in the conference room of the Center. The portrait was hung during the Center's fifth annual **Sidney R. Cooperband Symposium**, at which eight BUSM faculty members gave scientific talks. "I hope that the work Sidney started will continue through the work of his students who are carrying on in his footsteps," said his widow, **Selma**, at the unveiling. Cooperband died in 1979 at age 47 following a long illness.

Group Donates Equipment

Another recent event involving the **Humphrey Center** was the donation of two important pieces of equipment by members of **Aid for Cancer Research**, an organization of some 30 women from the Greater Boston area who raise funds to pay for cancer research. Members of the group recently took part in the dedication of the Laminar Flow Hood and Carbon Dioxide Incubator, together valued at more than \$10,000. The equipment is being used in the laboratory of **Herbert Z. Kupchik, Ph.D.**, an associate professor of microbiology and pathology.

Affiliation Established

In the field of international health, a formal affiliation recently was established between the **School of Medicine** and the **National Institutes of Health of Mexico**, according to **Joseph J. Vitale, Sc.D., M.D.**, associate dean for international health and director of BUSM's nutrition education program. The affiliation, similar to the relationship the School has had with Health Education Professional Schools in Columbia, South America, for the past 10 years, consists of a student and faculty exchange program, conferences and research activities.

The School of Medicine recently co-sponsored a conference with the National Institutes of Health of Mexico. **Dean Sandson**, Vitale and several other BUSM faculty members spoke at a Mexico City conference on "Complications During Pregnancy and in the Newborn Infant," attended by 320 physicians. Also recently in Latin America, **Juan Carlos Vera, M.D.**, an assistant professor of medicine, presented a course in hematology to 500 physicians at the Health Education Professional Schools.

Roberts Heads Department

The School of Medicine has a new department head, **Arthur J. Roberts, M.D.**, a respected surgeon and



Arthur J. Roberts, M.D.

researcher from the University of Florida Medical Center in Gainesville, who recently was appointed professor and chairman of the **Department of Cardiothoracic Surgery** at BUSM and University Hospital.

Roberts, whose research projects have included studies of methods to diagnose perioperative heart attacks and "cross-clamping," a technique used in coronary bypass surgery, had been with the Florida Medical Center's Department of Surgery since 1981.

While completing his medical studies at Case Western Reserve School of Medicine in Cleveland, the surgeon played professional football with the Cleveland Browns and the Miami Dolphins. He also was a star quarterback during his college years at Columbia University.

Roberts trained at Yale-New Haven Hospital, the National Heart and Lung Institute in Washington, D.C., and the Cornell-New York Hospital Medical Center in New York City, and held a position at Northwestern University in Chicago prior to his University of Florida appointment.

UH Construction Under Way

More than 130 surgical beds and a 16-bed surgical intensive care unit are among the facilities to be located in a partial replacement facility being constructed by **University Hospital**. Construction began this summer as part of the first phase of plans to build the facility, and to install the Medical Center's new telephone system, **Dimension 2000**.

The new facility will house the Hospital's inpatient units presently

located in its oldest buildings. The Hospital received approval of its Determination of Need application for the project last winter from the state **Public Health Council**. The facility is expected to be completed in 1986. It will be built on Parking Lot A, adjoining the Health Services (H) Building. Alternate parking will be made available for employees and visitors.

In addition to the 131 surgical beds and the surgical intensive care unit, the building will house operating and recovery rooms; diagnostic radiology; admitting; a pharmacy; a consolidated materials-management unit; and a lobby, gift shop and coffee shop.

As part of the project, remaining beds in the old buildings will be transferred to the Preston Family Building; medical beds in the Preston Building will move to the Evans Building; and all ambulatory surgery will be relocated to the Hospital's Booth Ambulatory Surgery Unit, located at the Goldman School of Graduate Dentistry. In addition, renovations will be made in the Evans and Preston buildings and the Hospital kitchen, and some equipment will be replaced or added.

Hospital personnel, who had been planning the facility for more than three years, received the long-awaited notification of the DoN approval at a hearing last February at which BUSM officials, community representatives, referring physicians and former patients spoke in support of the facility.

In June, construction got under way to add a sixth floor to the H Building to house emergency generators for the new building, as well as telephone switch gear for the Medical Center's new telephone system, **Dimension 2000**, expected to be in operation early next year.

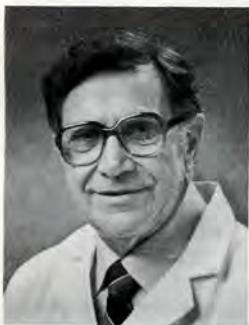
Mescon Honored at Reception

Nearly 100 former residents and fellows, along with present colleagues and friends, attended a dinner and reception in June at the Brockton Art Museum to honor **Herbert Mescon**,



The 120th anniversary of Boston City Hospital was marked earlier this year with a celebration that included speeches, displays and a large birthday cake. The speakers included Bailus Walker Jr., left, commissioner of the Massachusetts Department of Public Health, and Kenneth C. Edelin, M.D., right, professor and chairman of BUSM's Department of Obstetrics and Gynecology and chairman and director of the BCH Ob/Gyn Department. Also pictured is the Rev. William Loesch, Protestant chaplain at BCH.

M.D., who retired in August after serving for 32 years as chairman of the **Department of Dermatology** at BUSM and chief of the **Section of Dermatology** at University Hospital. Mescon will retain his faculty position of professor of dermatology. His administrative duties have been transferred to **Peter E. Pochi, M.D.**, who is serving as interim chairman and acting chief of the departments.



Herbert Mescon, M.D.

Mescon was presented a Bachrach portrait of himself, which will hang in the Department at the School. He also received a piece of Steuben glass and an album containing photos and notes from most of the 93 former residents and fellows who did all or

part of their training under Mescon, many of whom attended the event. The dinner was hosted by the dermatology staffs of BUSM and **Tufts University School of Medicine**, where Mescon is a lecturer.

Pochi received his M.D. degree from BUSM in 1955. He joined the BUSM faculty in 1962 and currently is a professor of dermatology.

"We are pleased and satisfied that Dr. Pochi has agreed to take on the chairmanship in addition to his extensive research and teaching activities," said Dean Sandson.

Arthritis Grants Awarded

The University's **Multipurpose Arthritis Center** has been awarded a three-year renewal award of approximately \$2 million by the **National Institutes of Health**, Center Director **Alan S. Cohen, M.D.**, recently announced.

The Center, one of the 12 original United States Arthritis Centers started in 1977, has continued to grow to encompass health-care research, education and community studies in arthritis, according to Cohen, who is the Conrad Wessel-

hoeft Professor of Medicine at BUSM. The Center also contains two core units, one specializing in Health Care Research and the other in Amyloid Research. The associate director of the Center is **Robert F. Meenan, M.D., M.P.H.**, an associate professor of medicine and director of the Boston City Hospital Arthritis Clinic. Cohen also is chief of medicine and director of the Thorndike Memorial Laboratory at BCH.

Vokonas Heads Study

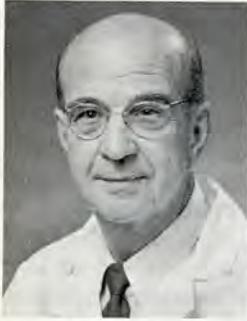
Pantel S. Vokonas, M.D., an associate professor of medicine at BUSM, has been named director of one of the largest studies on aging in the United States, the **Veterans Administration's Normative Aging Study**. The interdisciplinary study has followed a group of more than 2,000 men since 1963 and is conducting comprehensive evaluations of the subjects' physical, mental and social changes over the years.

The study was undertaken to determine the normal patterns of aging and the precursors of such dis-



Pantel S. Vokonas, M.D.

eases of aging as heart disease, hypertension, diabetes and osteoporosis (softening of the bones), and the influence of these diseases on the aging process. The study is sponsored by the **Medical Research Service of the Veterans Administration** and receives support from the **National Institute on Aging**, among other sources. Work is carried out at the VA Outpatient Clinic in Boston. Vokonas also is a member of the School's Section of Preventive Medicine and Epidemiology.



Alexander G. Matoltsy, M.D.

Matoltsy Receives Medal

Another Department of Dermatology faculty member in the news is **Alexander G. Matoltsy, M.D.**, a research professor of dermatology, pathology and biochemistry, who recently was presented the **Stephen Rothman Medal and Award** in Washington, D.C., at a meeting of the **Society for Investigative Dermatology**. He received the honor for his contributions to the field of dermatology, specifically for his work on keratinization.

Fellowship Awarded

For his groundbreaking work in cardiovascular epidemiology and preventive cardiology and for his many years of leadership at the **Boston University-Framingham Heart Study**, **William B. Kannel, M.D.**, recently was awarded a 1984 Honorary Fellowship Award from the **American College of Preventive Medicine** in Washington, D.C.

Kannel, a BUSM professor of medicine and chief of the Section of Preventive Medicine and Epidemiology



William B. Kannel, M.D., M.P.H.



Representatives of the pharmaceutical and biomedical industries recently attended a day-long Technology Transfer Program seminar at BUSM on "Perspectives in Immunological and Molecular Oncology." School of Medicine researchers who spoke during the day-long program included, from left, Frederick L. Moolten, M.D., and Robert Eckner, Ph.D., both associate professors of microbiology, shown visiting with Neil Ackerman of DuPont Corporation. In addition to DuPont, such companies as Corning Medical, Medquest, Millipore, Rehabilitation Centers of America and Seragen have become associates of the program, which began last year under the direction of Daniel S. Bernstein, M.D., associate dean for resources and hospital affiliations, and director of the Office of Industrial Liaison.

at UH, is the former director of the Boston University-Framingham Heart Study. The Honorary Fellowship Award acknowledges important preventive medicine accomplishments made by individuals not normally eligible for Fellowship in the College.

Whitaker Awardees Named

Four BUSM faculty members who collaborate on research projects with investigators at **Massachusetts Institute of Technology** have been named recipients of 1984-85 **Whitaker Health Sciences Fund** grants. The \$40,000 grants fund young BUSM researchers collaborating with MIT faculty on biomedical research.

This year's BUSM awardees and their projects are: **Ellen M. Berkowitz, Ph.D.**, an assistant professor of biochemistry, "The Role of Transcriptional Enhancers in the Regulation of Cytoskeletal Proteins"; **Patricia L. Foster, Ph.D.**, an assistant professor of public health (environmental health), "Mechanisms of Mutagenesis by a Human Carcinogen, Aflatoxin B1"; **Javier Navarro, Ph.D.**, an assistant professor of physiology, "Structure-function Studies of the C2+ Pump in Sarcoplasmic Reticulum"; and **Thomas L. Roth-**

stein, M.D., Ph.D., an assistant professor of medicine, "Molecular Basis for Idiotype."

Zovickian Lecture Held

"Analgesics and Anesthesia in Out-patient Surgery" was the topic of a talk presented by **Thomas J. Baker, M.D.**, an assistant professor of plastic surgery at the University of Miami School of Medicine, who served as the **Anthony Zovickian Visiting Professor in Plastic Surgery** last spring at the School of Medicine. Baker also visited the Lahey Clinic Medical Center and Boston Veterans Administration Medical Center, where he spoke on "Upper Blepharoplasty and Forehead Lift."

Klein Receives Chair

Colleagues recently honored BUSM faculty member **Jerome O. Klein, M.D.**, for his 25 years of service at Boston City Hospital. At a dinner award ceremony at the John F. Kennedy Presidential Library in Boston, Klein, a BUSM professor of pediatrics and associate director of the Department of Pediatrics at BCH, was presented a Boston University chair for his contributions to the fields of

pediatrics and infectious diseases. The ceremony capped a day-long program held in conjunction with the annual **Eli Friedman Memorial Lecture**, given this year by **Jack Remington, M.D.**

As the Friedman lecturer, Remington, professor and chairman of the Department of Immunology and Infectious Diseases at Stanford University School of Medicine, spoke on "Toxoplasmosis, Cats, Pregnancy and AIDS." Eleven physicians also presented scientific papers.



Jerome O. Klein, M.D.

EFA Honors Feldman

Robert G. Feldman, M.D., professor and chairman of the Department of Neurology, recently was honored by the **Epilepsy Foundation of America** with the organization's **Distinguished Service Award**. A member of the Foundation's Professional Advisory Board for eight years, Feldman recently edited a book on epilepsy with **Thomas R. Browne, M.D.**, a BUSM professor of neurology and associate professor of pharmacology and experimental therapeutics. "Epilepsy: Diagnosis and Management" was published by Little, Brown and Co.



Robert G. Feldman, M.D.

Paul Gets AFTA Award

Another **Department of Neurology** faculty member recently honored is **Norman L. Paul, M.D.**, an associate clinical professor of neurology. The **American Family Therapy Association** honored Paul at their annual meeting in New York City for his clinical and conceptual contributions to the field of family therapy. Paul was presented an award for "Innovative Contribution to Family Therapy" for using closed-circuit television as a tool to show behavior and to focus on problem areas.

Geriatric Units Studied

The **Robert Wood Johnson Foundation** has awarded a grant to researchers at **Boston City Hospital**, a principal teaching hospital of BUSM, to demonstrate whether geriatric rehabilitation units help elderly patients regain or improve their functional status, thereby reducing costly care and/or institutionalization.

John Noble, M.D., a professor of medicine at BUSM and chief of the Section of General Internal Medicine at BCH, recently was awarded the \$149,522 grant through the **Trustees of Health and Hospitals** to try to replicate a previous study's findings that suggested such units benefit older patients and reduce health-care costs. The study will focus on patients in the **Geriatric Neuropsychiatry Unit** at BCH.



Jonathan D. Lieff, M.D.

Appointment Announced

Jonathan Lieff, M.D., an assistant clinical professor of psychiatry, recently was appointed to a three-

year term on the board of directors of the **American Association of Geriatric Psychiatrists**.

Lieff also is the author of two recently published books: "**Your Parents' Keeper: A Handbook of Psychiatric Care for the Elderly**," published by Harper & Row in July, and "**Computers and Other Technological Aids for Psychiatric Private Practice**," published by the American Psychiatric Press, Inc. for the American Psychiatric Association.

Appointments and Honors

Other recent honors bestowed upon BUSM and SPH faculty members include the following:

- **Gene H. Stollerman, M.D.**, a professor of medicine and chief of General Internal Medicine at UH, has been appointed editor of the *Journal of American Geriatric Medicine*.

- **Charles Terrell**, assistant dean for student affairs and director of BUSM's Office of Student Financial Management, was presented the 1984 Distinguished Award for outstanding contributions to the **National Association of Medical Minority Educators** at the organization's Northeast regional meeting, recently held in New York.

- **Richard S. Neiman, M.D.**, a professor of pathology and director of hematopathology at the Mallory Institute of Pathology, was presented a Recognition Award in appreciation of his service in the field of continuing medical education to the International Academy of Pathology at a recent meeting of the U.S./Canadian Division of the organization.

- **Aubrey Milunsky, M.B.B.Ch., D.Sc.**, a professor of pediatrics and obstetrics and gynecology, and director of the Section for Human Genetics at BUSM, recently chaired the Third National Symposium on "**Genetics and the Law**." Six faculty members from BUSM, SPH and the Boston University School of Law took part in the program, held at the Westin Hotel in Boston. The program focused on new biotechnology in genetics and reproduction, and the developing medical-industrial complex. More than 300 physicians from around the country attended.

Leah M. Lowenstein, M.D., D.Phil.: 'To Know Her Was to Know Joy'

"To know her was to know joy," Jackie Jackson of Springfield, Ill., said of the late Leah M. Lowenstein, M.D., D.Phil., at a service held in memory of the former BUSM associate dean last spring.

Jackson, a longtime friend of Lowenstein whose eldest child is named after the former BUSM professor of medicine and biochemistry, was one of the speakers at the memorial service, held April 29 at Marsh Chapel on the University's Charles River campus.

Several hundred former colleagues, friends and family members filled the sun-drenched Chapel to pay tribute to Lowenstein, who died of cancer March 6 at age 53.

A frequent advocate for women in medicine, Lowenstein was the first woman to be appointed dean of an American coeducational medical school when she was appointed dean and vice president of Jefferson Medical College of Thomas Jefferson University in Philadelphia in 1982. She had served on the BUSM faculty for 14 years prior to that appointment, and was renewing her affiliation with BUSM at the time of her death.

Speakers at the service emphasized Lowenstein's many attributes, including that of physician, teacher and noted kidney disease researcher. Lowenstein also was active in numerous professional organizations, authored many publications, was a gifted musician and the mother of three grown sons.

Among those who spoke were Dean Sandson, Rabbi Mark Goldman and Lowenstein's husband, John, a professor of biochemistry at Brandeis University. Bernard E. Kreger, M.D., M.P.H., an assistant clinical professor of medicine at BUSM, was among those who provided music at the service.

'Much to remember.' "She was so active and accomplished so many things—there is much to remember," Dean Sandson said in his remarks. "She was a skilled physician, an

expert in the field of nephrology and cared for her patients with great compassion. She was a superb, imaginative biochemist and achieved wide recognition for her work in renal disease and gerontology. She was an exceptional academic administrator who understood how to be a leader. She was an outstanding teacher—she formed very close ties with her students and became a friend and confidante for many."

"It is not possible to separate her professional career from her personal life for she held them as one. She was touched by intelligence and beauty in every area of her life," said Marjorie P. Wilson, M.D., senior associate dean of University of Maryland School of Medicine.

Contributions continue to come in to a special fund established at the School in Lowenstein's memory. In addition, the Class of 1984 chose as their Class Gift to endow an annual lecture in her memory and in honor of her contributions to medical education.

Seymour Kaufman '48 Dies Unexpectedly; Was BUSM Radiology Professor for 14 Years

Seymour A. Kaufman, M.D., a BUSM clinical professor of radiology for 14 years and an alumnus of the School, died unexpectedly May 28.

Kaufman, 58, was a radiologist at University Hospital from 1955 until his death and was chief of radiology from 1961 to 1965. He also was a radiologist at Northeastern University and for the Harvard Community Health Plan, and had conducted a private Boston practice since 1963.

"He was a superb physician, an expert in the field of radiology who made many contributions to the School over a long period of time," said Dean Sandson.

Born in Boston, Kaufman graduated *cum laude* from the School of

Benjamin Tenney, M.D., Dies; Helped to Create BUSM Ob/Gyn Dept.

Benjamin Tenney, M.D., 85, who helped to create the Department of Obstetrics and Gynecology at BUSM in the late 1940s, and served as chief of that department at University Hospital, died July 25 at his home in Washington, Conn.

Tenney, who became a professor of obstetrics and gynecology at BUSM in 1949, served as chairman from 1953 to 1956. He was appointed professor emeritus in 1978. He served as chief of the UH department from 1948 to 1953.

A graduate of Harvard Medical School, Tenney held staff positions at that institution as well as at Boston City Hospital and Massachusetts General Hospital. He also worked for the Connecticut State Department of Health and served in the Armed Forces.

He is survived by his wife, Constance; a daughter, Constance Tenney Worcester of New Jersey; a sister, Dorothy T. Foss of Cambridge; and two grandsons.

Medicine in 1948. He remained affiliated with the School throughout his internship and residencies at UH and BCH, and later through faculty appointments.

He was a member of numerous professional societies, including the Radiology Society of North America, the American Medical Association and the Massachusetts Medical Society. He was a fellow of the American College of Radiology.

His son, John A. Kaufman, M.D., graduated from BUSM in 1982 and is now living in Tahlequah, Okla.

Kaufman also leaves his wife, Charlotte; and two other children, Lisa K. Vershbow of Alexandria, Va.; and Peter R. Kaufman of Boston.

Commencement

McNary, Marking His 30th Year at BUSM, Addresses Graduates at May Commencement

"Today we stand at the gateway of many new technical and pharmacological advances which, if developed, used carefully and allowed to mature, will provide those in the profession of medicine with many new ways to improve the life of their fellow man," William McNary Jr., M.D., a 30-year member of the School of Medicine faculty, told BUSM graduates during May 13 commencement exercises.

The 154 members of the Class of 1984 also heard talks from student speaker Jon Getz and Dean Sandson, who presided at the exercises. Held at the University's Case Center, the BUSM event followed the University's main commencement ceremony at a sun-drenched Nickerson Field.

McNary, associate dean for student affairs at BUSM, was introduced by Dean Sandson who estimated that

McNary has taught between 75 and 80 percent of all living BUSM alumni. "There is probably nobody who knows the School of Medicine better than William McNary," said Sandson.

McNary told the graduates that the United States "at this time faces many issues having a direct or indirect effect on the practice of medicine," including the political debate on the role that medicine holds in the center of our society.

"I see your job, as a group of new physicians, is to get involved, educate your patients, participate in the discussions of government at all levels, follow your own morality and protect your duty to utilize your own judgment, your patients' wishes and the privacy in which these most intimate decisions are made," he said.

Graduates represent 43 states. The



Student speaker Jon Getz addresses fellow BUSM graduates and guests.

103 men and 51 women graduates represented 17 states with 53 Massachusetts residents and 44 students from New York. A total of 45 graduates were in the Six-year Program and another six were MMEDIC students.

Rebecca P. Brightman, James E. Gray, and Mark A. Marieb graduated *magna cum laude* and eight other class members graduated *cum laude*.

Lester F. Williams Jr., M.D., the James Utley Professor of Surgery, received the Stanley L. Robbins Award for Excellence in Teaching at the ceremonies. Williams also won the University's prestigious Metcalf Award at the main commencement ceremony at Nickerson Field. (See following story).

Also at the event, two new awards were presented. Craig Lopatka was awarded the Dora Savenor Memorial Prize for Excellence in Surgery as the graduating student who achieved the highest score during the third-year surgical clerkship. George Wade received the Wein Student Research Award for outstanding student contribution to cancer research.

During the event, the graduating students gave Barbara DiRusso, administrative assistant to John F. McCahan, M.D., a special gift for her assistance during their years at

William McNary Jr., M.D., presents Lester F. Williams Jr., M.D., the Stanley L. Robbins Award for Excellence in Teaching at the BUSM ceremonies.





William McNary Jr., M.D., told the graduates the United States 'at this time faces many issues having a direct or indirect effect on the practice of medicine.'

BUSM. DiRusso, who has worked at the School since 1978, received a silver candy dish. About 40 other awards and prizes were presented at the event.

Williams Receives Metcalf Award at University Exercises

At the University's main commencement exercises, Lester F. Williams Jr., M.D., received the University's prestigious Metcalf Award given annually in recognition of excellence in teaching.

Williams, the School of Medicine's James Utley Professor of Surgery, was cited by the Metcalf Committee for his "encyclopedic" knowledge of surgery and anatomy. The committee noted that Williams "excels at imparting this knowledge to others in the full complexity of medical education."

"Of everything I've done, the one thing that is most rewarding on a personal basis is teaching," said Williams. "Being able to teach those who will continue in your discipline is rewarding."

Williams lauded his colleagues in the Department of Surgery saying his

award "reflects what the whole department does."

He was one of three University professors to receive the award this year. The awards, established in 1974, are endowed by a gift from Arthur G.B. Metcalf, chairman of the University's Board of Trustees.

Williams, a 1956 BUSM graduate, has been a member of the School's faculty since 1965, and was awarded the Outstanding Faculty Teacher Award by the Class of 1967.

Simmons Lessell, M.D., former BUSM professor of ophthalmology, neurology and anatomy, now at the Massachusetts Eye and Ear Infirmary, and N. Paul Rosman, M.D., a professor of pediatrics and neurology, are the two other BUSM faculty members who have received the \$2,500 Metcalf Awards.

BUSM Graduates and Their Residencies

The following is a listing of the 1984 BUSM graduates, with their residency placements and categories: The key for honors is as follows:

***magna cum laude*

**cum laude*

Paul A. Aiello: *Norwalk Hospital, Norwalk, Conn.; medicine.*

Nanette L. Alexander: *Carney Hospital, Boston, Mass.; medicine.*

Michael D. Ames: *St. Luke's-Roosevelt Center, New York, N.Y.; diagnostic radiology.*

Robert V. Anooshian: *Buffalo General Hospital, Buffalo, N.Y.; general surgery.*

Brian D. Ardel: *University Hospital, Boston, Mass.; medicine.*

Hilary E. Baldwin: *Yale-New Haven Medical Center, New Haven, Conn.; medicine.*

Luis Bauzo: *Children's Hospital of Greater Miami, Miami, Fla.; pediatrics.*

Elizabeth C. Behringer: *New England Deaconess Hospital, Boston, Mass.; internal medicine.*

Kathleen M. Bennett: *Cook County Hospital, Chicago, Ill.; family practice.*

Linda S. Bernstein: *St. Elizabeth Hospital, Utica, N.Y.; family practice.*

Seth D. Blank: *St. Raphael Hospital, New Haven, Conn.; general surgery.*

Douglas Bower: *Naval Regional*

Medical Center, San Diego, Calif.; medicine.

Lenore J. Brancato: *Beth Israel Hospital, New York, N.Y.; internal medicine.*

**Rebecca P. Brightman: *Ohio State University Hospitals, Columbus, Ohio; neurological surgery.*

*Bradley R. Buchbinder: *Beth Israel Hospital, Boston, Mass.; internal medicine.*

Mark A. Cannon: *D.C. General Hospital, Washington, D.C.; internal medicine.*

Daniel J. Case: *St. Francis Hospital, Hartford, Conn.; surgery.*

Arthur C. Catsam: *United Hospital Center, Clarksburg, W.Va.; family practice.*

*Nancy L. Chapin: *New England Medical Center Hospital, Boston, Mass.; pediatrics.*

Chone K. Chen: *Mount Sinai Hospital, New York, N.Y.; pediatrics.*

Yen S. Chen: *City Hospital, Eimhurst, N.Y.; internal medicine.*

Maria Choy: *Harlem Hospital, New York, N.Y.; medicine.*

David C. Clark: *St. Elizabeth Hospital, Utica, N.Y.; family practice.*

John P. Clayton: *Mount Sinai Hospital, Hartford, Conn.; medicine.*

School of Medicine graduate Clyde Wendell Smith gets a well-deserved hug at the commencement exercises.



Commencement

Douglas A. Conigliaro: *Salem Hospital, Salem, Mass.; transitional.*

Patricia A. Connolly: *Boston City Hospital, Boston, Mass.; pediatrics.*

Mark E. Costa: *Veterans Administration Medical Center, Boston, Mass.; internal medicine.*

Andres Costas-Centivany: *Los Angeles County-University of Southern California Medical Center: Los Angeles, Calif.; medicine.*

David J. Covall: *Beth Israel Hospital, New York, N.Y.; surgery.*

Charlotte C. Cowan: *Massachusetts General Hospital, Boston, Mass.; pediatrics.*

David P. DiChiara: *Boston City Hospital, Boston, Mass.; obstetrics/gynecology.*

Thomas Diflo: *Boston University Affiliated Hospitals, Boston, Mass.; general surgery.*

Bernadine R. Donahue: *University Hospital, Boston, Mass.; internal medicine.*

Mark D. Doner: *Santa Clara Valley Medical Center, San Jose, Calif.; internal medicine.*

Joshua D. I. Ellenhorn: *Cincinnati General Hospital, Cincinnati, Ohio; general surgery.*

Beverly J. Entwisle: *Boston City Hospital, Boston, Mass.; internal medicine.*

Stephen S. Epner: *University of Illinois Affiliated Hospitals, Chicago, Ill.; internal medicine.*

Robert S. Falcone: *UMDNJ-Rutgers Medical School, New Brunswick, N.J.; internal medicine.*

Susanne C. Feller: *Mary Imogene Bassett Hospital, Cooperstown, N.Y.; internal medicine.*

Margaret A. Ferrell: *Boston City Hospital, Boston, Mass.; internal medicine.*

Robert B. Finegold: *Maine Medical Center, Portland, Maine; radiology-diagnostic.*

Viviane J. Fonteyn: *George Washington University Hospital, Washington, D.C.; obstetrics/gynecology.*

*Deborah L. Friedson: *Carney Hospital, Boston, Mass.; medicine.*

Evan Geller: *Berkshire Medical Center, Pittsfield, Mass.; medicine.*

Susan Gerwig: *Westchester County Medical Center, Westchester, N.Y.; anesthesiology.*

Jon B. Getz: *Cincinnati General Hos-*

pital, Cincinnati, Ohio; general surgery.

Geoffrey S. Ginsburg: *Beth Israel Hospital, Boston, Mass.; internal medicine.*

Neal D. Gittleman: *Boston City Hospital, Boston, Mass.; pediatrics.*

Renee M. Goetzler: *University Hospital, Boston, Mass.; internal medicine.*

Paul J. Goldberg: *University of Chicago Hospitals, Chicago, Ill.; pediatrics.*

Jane L. Goldberger: *Maricopa Medical Center, Phoenix, Ariz.; internal medicine.*

Richard Goldenberg: *Veterans Administration Medical Center, Boston, Mass.; internal medicine.*

Richard S. Goldman: *Boston City Hospital, Boston, Mass.; internal medicine.*

Dana L. Goldsmith: *Maine Medical Center, Portland, Maine; pediatrics.*

Robert J. Golub: *Withheld by request.*

**James E. Gray: *Massachusetts General Hospital, Boston, Mass.; pediatrics.*

Eric J. Grigsby: *Mayo Graduate School of Medicine, Rochester, Minn.; general surgery.*

Jill Gustafson: *Naval Regional Medical Center, Portsmouth, Va.; pediatrics.*

*Alan D. Haber: *Presbyterian Hospital, New York, N.Y.; internal medicine.*

Richard Hacker: *Naval Regional Medical Center, San Diego, Calif.; surgery.*

Mark F. Hambly: *UMDNJ-New Jersey Medical School, Newark, N.J.; orthopedic surgery.*

Peter Heit: *Mount Sinai Hospital, New York, N.Y.; internal medicine.*

*John Hoagland-Scher: *Family Practice Residency, Seattle, Wash.; family practice.*

David L. Hoffman: *New England Deaconess Hospital, Boston, Mass.; medicine.*

Kevin S. Hopkins: *St. Luke's Hospital, New York, N.Y.; general surgery.*

Jennifer J. Hosmer: *University of Massachusetts Coordinated Programs, Worcester, Mass.; obstetrics/gynecology.*

Melanie D. Hunter: *University of Washington Affiliated Hospitals, Seattle, Wash.; medicine.*

Jeffrey P. Hurley: *Framingham Union Hospital, Framingham, Mass.; transitional.*

Patricia G. Jones: *Tucson Hospital Medical Education Program, Tucson, Ariz.; internal medicine.*

Allen E. Joseph: *Louis A. Weiss Memorial Hospital, Chicago, Ill.; transitional.*

Robert C. Joseph: *University Hospital, Boston, Mass.; medicine.*

Leon G. Josephs: *Boston University Affiliated Hospitals, Boston, Mass.; general surgery.*

Marcia F. Katz: *Boston City Hospital,*



School of Medicine magna cum laude graduates, left to right, Mark A. Marieb, James E. Gray and Rebecca P. Brightman chat at commencement exercises.

Commencement

Boston, Mass.; internal medicine.

Kathleen E. Kearney: Boston University Affiliated Hospitals, Boston, Mass.; general surgery.

Charles E. Keller: Mount Zion Hospital, San Francisco, Calif.; internal medicine.

Michael S. Kopreski: Medical College of Virginia, Richmond, Va.; internal medicine.

Berenice M. Ku: New England Medical Center Hospital, Boston, Mass.; pediatrics.

*Karen Kurkjian: New England Medical Center Hospital, Boston, Mass.; internal medicine.

William A. Larchian: University of Massachusetts Coordinated Programs, Worcester, Mass.; general surgery.

Richard A. Leder: University Hospital, SUNY-Stony Brook, Stony Brook, N.Y.; radiology-diagnostic.

Craig W. Lopatka: Georgia Baptist Hospital, Atlanta, Ga.; transitional.

Scott B. Lutch: St. Elizabeth's Hospital, Boston, Mass.; internal medicine.

Charles K. Lutz: University of Massachusetts Coordinated Programs, Worcester, Mass.; surgery.

Sharon S. Margulies: Rhode Island Hospital, Providence, R.I.; surgery.

**Mark A. Marieb: Yale-New Haven Medical Center, New Haven, Conn.; internal medicine.

Sandra L. McCatty: St. Raphael's Hospital, New Haven, Conn.; medicine.

Steven M. Meixler: New York Veterans Administration Hospital-NYU Program, New York, N.Y.; internal medicine.

Paul Mellen: Letterman Army Medical Center, San Francisco, Calif.; surgery.

Susan R. Mendley: University of Chicago Hospitals, Chicago, Ill.; internal medicine.

Guy L. Mintz: North Shore University Hospital, Manhasset, N.Y.; internal medicine.

John C. Nadolny: Berkshire Medical Center, Pittsfield, Mass.; general surgery.

Jeffrey P. Palmer: Central Maine Medical Center, Lewiston, Maine; family practice.

Polly J. Panitz: Children's Memorial Hospital, Chicago, Ill.; pediatrics.

James E. Parker: Boston City Hospital, Boston, Mass.; internal medicine.

Morris Pasternack: University of

Iowa Hospitals, Iowa City, Iowa; internal medicine.

Michele Perillo: Harbor UCLA-Medical Center, Torrance, Calif.; general surgery.

Dennis Plante: Darnell Army Community Hospital, Fort Hood, Texas; emergency medicine.

Susan R. Podolsky: Withheld by request.

Lori G. Polacek: Boston University Affiliated Hospitals, Boston, Mass.; general surgery.

Nancy A. Roberson: Presbyterian Hospital, New York, N.Y.; obstetrics/gynecology.

Pamela W. Rodday: Boston City Hospital, Boston, Mass.; internal medicine.

Madeline Rodriguez: Los Angeles County-University of Southern California Medical Center, Los Angeles, Calif.; obstetrics/gynecology.

Daniel Rubin: Jerusalem, Israel.

Thomas P. Russo: St. Elizabeth's Hospital, Boston, Mass.; general surgery.

Daniel K. Salter: Boston University Affiliated Hospitals, Boston, Mass.; general surgery.

Alfred M. Samaha: Temple University Hospitals, Philadelphia, Pa.; surgery.

Barry S. Saperia: Boston University Affiliated Hospitals, Boston, Mass.; general surgery.

Stephen J. Savarino: Naval Regional Medical Center, Bethesda, Md.; pediatrics.

Jeffrey K. Scherz: Mount Auburn Hospital, Cambridge, Mass.; medicine.

Paul E. Schulz: Veterans Administration Medical Center, Boston, Mass.; internal medicine.

Minda R. Shankman: Framingham Union Hospital, Framingham, Mass.; transitional.

David J. Sherer: Sinai Hospital, Baltimore, Md.; internal medicine.

Evan L. Siegel: Montefiore Hospital, Bronx, N.Y.; internal medicine.

Lisa J. Sirota: Children's Hospital, Boston, Mass.; pediatrics.

*Mark M. Sklar: Mount Sinai Hospital, New York, N.Y.; internal medicine.

Glenn B. Sloat: Miriam Hospital, Providence, R.I.; internal medicine.

Clyde Wendell Smith: Carney Hospital, Boston, Mass.; medicine.

William J. Smith: Albany Medical Center Hospital, Albany, N.Y.;

orthopedic surgery.

*Rebecca E. Snider: Boston City Hospital, Boston, Mass.; internal medicine.

Kurt V.M. Soto: Lutheran Medical Center, Brooklyn, N.Y.; family practice.

Haven T. Spencer: Worcester Memorial Hospital, Worcester, Mass.; internal medicine.

Susan S. Spencer: Worcester Memorial Hospital, Worcester, Mass.; internal medicine.

Mary M. Staffa: Boston University Affiliated Hospitals, Boston, Mass.; transitional.

Jay B. Stallman: Framingham Union Hospital, Framingham, Mass.; medicine.

David A. Stampfl: Medical College of Wisconsin Affiliated Hospitals, Milwaukee, Wisc.; internal medicine.

Michael J. Star: State University-Kings County, Brooklyn, N.Y.; orthopedic surgery.

Bram Starr: Malcolm Grow USAF Medical Center, Washington, D.C.; surgery.

Harold Steinberg: Internship deferred.

Robert L. Steinberg: Bronx Municipal Hospital Center, Bronx, N.Y.; psychiatry.

J. Scott Steinmetz: Withheld by request.

Ronald J. Sunog: Boston City Hospital, Boston, Mass.; pediatrics.

Robert Sweeting: Harlem Hospital, New York, N.Y.; internal medicine.

Marlaine L. Tapply: Montefiore Hospital Center, Bronx, N.Y.; pediatrics.

Randy Taylor: Martin Luther King Jr. Hospital, Los Angeles, Calif.; medicine.

Laura D. Trowe: Faulkner Hospital, Boston, Mass.; internal medicine.

Elmo G. Tucker: Naval Regional Medical Center, Portsmouth, Va.; surgery.

Lauren F. Turchin: Long Island Jewish-Hillside, New Hyde Park, N.Y.; internal medicine.

Amy B. Tuteur: Beth Israel Hospital, Boston, Mass.; obstetrics/gynecology.

Ana-Cristina Vasilescu: Framingham Union Hospital, Framingham, Mass.; transitional.

Flordeliza S. Villanueva: Duke University Medical Center, Durham, N.C.; internal medicine.

George G. Wade: Boston City Hospital, Boston, Mass.; pathology.

Commencement

Wahid Y. Wassef: *St. Mary's Hospital, Waterbury, Conn.; general surgery.*

Douglas E. Weiner: *University Hospital, Boston, Mass.; internal medicine.*

Diane J. Weiss: *Veterans Administration Hospital, Sepulveda, Calif.; psychiatry.*

Gary R. Weltman: *St. Joseph's Hospital, Syracuse, N.Y.; family practice.*

Kurt R. Wharton: *Mount Zion Hospital, San Francisco, Calif.; obstetrics/gynecology.*

Dan E. Wiener: *North Shore University Hospital, Manhasset, N.Y.; internal medicine.*

Joel S. Wolinsky: *Framingham Union Hospital, Framingham, Mass.; medicine.*

Mark W. Wolozin: *St. Vincent Hospital, Worcester, Mass.; internal medicine.*

Jeffrey C. Wood: *Withheld by request.*

Jonathan L. York: *Bronx Municipal Hospital Center, Bronx, N.Y.; internal medicine.*

Jack N. Yu: *University of California Hospitals, Los Angeles, Calif.; family practice.*

Steven C. Zekowski: *Montefiore Hospital Center, Bronx, N.Y.; pediatrics.*

Marsha L. Zellner: *UMDNJ-Rutgers Medical School, New Brunswick, N.J.; medicine.*

BUSM Class of 1984 Prizewinners

Prizes were awarded to members of the BUSM Class of 1984 as follows:

Rebecca Brightman: *Janet M. Glasgow Award (AMWA); Bertha Curtis Award; University Hospital Student Prize.*

Bradley Buchbinder: *Chester S. Keefer Scholarship Award; Internal Medicine Award.*

Nancy Chapin: *American Medical Women's Association Inc., Scholarship Achievement Citation; Sandoz Prize in Clinical Neurology; Anthony L. F. Gorman Memorial Prize.*

David Dichiaro: *Benjamin Tenney Prize in Obstetrics and Gynecology.*

Beverly Entwisle: *Henry Bakst Award in Community Medicine (Home Medical Service).*

Margaret Ferrell: *Internal Medicine Award.*

Deborah Friedson: *American Medical*

Women's Association Inc., Scholarship Achievement Citation.

Jon Getz: *Henry J. Bakst Scholarship Award.*

Geoff Ginsburg: *Sidney Cooperband Award.*

Renee Goetzler: *Merck Manual Award.*

Richard Goldman: *Merck Manual Award.*

James Gray: *Upjohn Award; Pediatric Award.*

Alan Haber: *Elizabeth K. Moyer Memorial Prize.*

Charles Keller: *Radiology Award.*

Karen Kurkijan: *American Medical Women's Association Inc., Scholarship Achievement Citation.*

William Larchian: *Anne and David Michel Cancer Research Award.*

Craig Lopatka: *Dora Savenor Memorial Prize for Excellence in Surgery.*

Mark Marieb: *Internal Medicine Award; Dean Eleanor Tyler Memorial Award.*

Morris Pasternack: *Jacob Swartz Award from the Class of 1981.*

Michael Samaha: *Dr. Samuel L. Poplack Award.*

Paul Schultze: *Henry Bakst Award in Community Medicine (Home Medical Service).*

Lisa Sirota: *Alumni Association Award.*

Rebecca Snider: *Dr. Louis Weinstein Prize for Excellence in Infectious Disease; American Medical Women's Association Inc., Scholarship Achievement Citation.*

Jay Stallman: *Merck Manual Award.*
Robert Steinberg: *John M. Murray Prize.*

Laura Trowe: *Henry Bakst Award in Community Medicine (Home Medical Service); Alumni Association Award.*

E. Glenn Tucker: *Solomon Carter Fuller Award.*

Flordeliza Villanueva: *Job E. Fuchs Scholarship Award.*

George Wade: *Wein Student Research Award.*

Douglas Weiner: *Alumni Association Award.*

Daniel Wiener: *Malamud Prize.*

Joel Wolinsky: *Ciba-Geigy Prize in Neurological Sciences.*

Pollack Addresses Health Care in the '80s as Largest SPH Class Graduates

Ninety-two students from the School of Public Health received Master of Public Health degrees at the May 13 graduation exercises held in the School of Fine Arts Concert Hall on the University's Charles River Campus. The Class of 1984 is the largest ever to graduate from SPH.

In his commencement address, "Health Care in the 80's: Efficiency Without Equity?," Lewis W. Pollack, commissioner of Boston's Department of Health and Hospitals, spoke against the increasing emphasis on cost-containment and profitability in the health-care system at the expense of the poor, the uninsured and the elderly.

Concerned that the 1980s will be remembered as the "Decade of the Unkind Cuts," Pollack told the new graduates that "it is our responsibility as public health professionals to see that government, business, health institutions and providers address the health needs of all people."

Dangerous policy directions. Pollack cited what he saw as three "dangerous" policy directions being advocated in the name of efficiency:

- an overconcern with profitability of health-care institutions;
- cutbacks in federally funded



Lewis W. Pollack, left, and Norman A. Scotch, Ph.D., talk before SPH commencement ceremonies.

public health programs; and

- a "frightening" attempt to save dollars at the expense of the elderly.

"It is the responsibility of public-health professionals to work actively to improve the health and quality of life for the population as a whole," Pollack said. He urged the graduates not to forget those ideals, whether they choose work in the public or the private sector.

Student speaker Dina Alison Brown Traniello and Norman A. Scotch, Ph.D., director of the School, also addressed the SPH graduates, faculty and guests who attended the exercises.

Eighty-nine M.P.H. degrees were awarded last year—previously the largest graduating class at SPH since it was designated a school within the School of Medicine in 1979. The program at SPH is designed principally to offer evening courses to health-care professionals and others seeking to pursue an advanced degree in public health without interrupting their careers.

1984 Graduates of School of Public Health

The following is a list of the School of Public Health's graduates for the academic year:

April 1984

Shelley Jean Allison, B.A.
Davida L. Andelman, B.A.
Marlene Therese Anderka, B.S.
Sarah R. Bachrach, B.A., P.A.
Marilyn Jay Bates
Ricca Lynne Ben, B.A.
Carl Fitzgerald Browne
Ronald E. Carciro, B.S.
Nancy Ann Carroll, M.E.D.
Lumbwe Chiwele, M.D., DTM&H
Ann L. Cooper, B.A.
Priscilla S. Dasse, B.S.N.
Janine Nancy Dedon, B.A., M.S.W.
Daniel Robert Desmarais, B.S.
Richard L. Dropski, M.S.
John Phillip Elder, Ph.D.
Adrienne Epstein, B.A., R.N.
David Tobin Felson, M.D.
Susan Kalikow Goldberg, B.S.N.
Paula Ann Goldman, B.S.
Holly Lynn Hartlander, B.S., R.P.T.



School of Public Health graduates pose for their class picture at spring commencement ceremonies.

Kathleen Harvey, B.S.
N. Kathryn Herd, B.A.
Michele Esther Horn, B.S.
Jonathan Howland, M.P.A.
Katherine Hurxthal, B.A.
Mohamed Kamel Mostafa Kamel, M.B., B.Ch., Ed.M.
Judith Kapuscinski, B.S., M.S.
Geraldine W. Kassirer
Cathy F. Korn, B.S.N.
Sopa Lerdvutirong, B.S.
Suzette Morelock Levenson, Ed.M.
Madge Bird Lloyd, B.S.N.
Mindy Mazur-McDonnell, B.A.
Elisabeth McSherry, M.D.
Curtis John Mello, B.S.
Paula J. Murray, B.A.
Mary Louise O'Brien, B.S.
Lawrence O. C. Ogbechie, M.B.B.S.
Rosario Mario Filippo Rizzo, J.D.
Nancy Ruth Sandrof, B.S.
Linda Cwiek Saunders, B.S., M.T.
Frederick L. Schaefer, B.S.
Ellen Millea Skryness, M.Ed.
Janice E. Snowden, B.A., R.N.
Kathleen Steger, B.S.
Dina Alison Brown Traniello, B.A.
Lee Orcutt Tripp, B.S.

January 1984

Domenic A. Badolato Jr., B.A.

Student speaker Dina Alison Brown Traniello is congratulated by classmate Jonathan Howland after the SPH commencement ceremony.



Charles Donaldson Chipman
Jane Catherine Christiansen, B.A.
Iris Wade Davis, B.A.
Edythe R. Dricker
Mary E. Fegreus-Reynolds, B.A.
Kathleen M. Gallagher, B.A.
Theresa Ann Goularte, B.S.
Barbara Wingate Graves, B.S.N.
Steven Hansch, B.A.
Stephen Michael Johnson, B.A.
Elizabeth Davis Kraft, B.A.
Anna Lee, B.A.
David William Mailhot, B.S.
Mary Katherine McGovern, B.S.
Maureen B. McHale, B.S.N.
Janice McInnes, B.S.
Caroline Bryan Mudd, B.A.
Doralba Munoz-Godales
Dorothy Louise Niland, B.S.N.
Diane Sheard Pressley, B.S.
Lucille Raimondo, B.A.
Marjorie Hope Reiter, B.A.
Beth J. Rosenberg, B.A.
Gary Jacob Spies
Linda Jo Stern, B.S.
Julia L. Terry, B.A.
Mary Anne Totten, M.D.
Matti Uustal, B.S.
Robert Alan Wald, B.A.
Nina Sue Wampler, B.S.
Nader Wassef, M.D.

September 1983

Robin Joan Rosenfield Blatt
Elizabeth Dale Caddick, B.S.
Douglas Hoyt Chase, B.S.
Stephanie S. Christal, M.P.A., B.A.
Eve Helain Elting, B.A.
John Joseph Flynn, A.B., M.B.A.
Patricia Ann Hazelton, R.N., B.A.
Lauren M. Kunches, B.S.N.
Sarah Savery Marter, B.A.
Rosemarie Anne Mengler, B.A.
Olabisi Korede Onabajo, M.D.
Marcia M. Wengen, B.S.

The State of the School in 1984

Review of a decade highlights major accomplishments at BUSM in curriculum, financing medical education, growth of research

by Paul D. Vaskas

On Nov. 1, John I. Sandson, M.D., will celebrate the tenth anniversary of his BUSM deanship, an event to be marked by a reception planned by the BUSM Alumni Association for 4:30 p.m. Nov. 7 in the School's Hiebert Lounge. In this special Centerscope report, Dean Sandson comments on the School's growth in the past decade, and on page 23, he reflects on what it takes to be a medical school dean. Centerscope also highlights some major achievements made at BUSM during that period.

John Sandson's role as a catalyst for change is abundantly clear in the number and variety of advancements made by the School of Medicine over the past decade.

The changes between 1974 and 1984 include such breakthroughs as:

- the birth and growth of a now fully accredited School of Public Health;
- the implementation of the Modular Medical Integrated Curriculum;

Paul D. Vaskas is assistant editor of Centerscope.

- the dedication of the Centers for the Advancement of Health and Medicine; and

- the establishment of the Student Revolving Loan Fund.

In the following interview recently conducted by *Centerscope*, Sandson reflected on the

School's growth. He discussed BUSM's strengths and weaknesses in 1974 and today, the achievements at BUSM during the decade, the unique character of Boston University School of Medicine, and its diverse faculty, staff, and students.

Centerscope: *When you came to Boston University School of Medicine in 1974, what did you see as its major strengths and are those strengths the same today?*

Sandson: The major strength of the School, of the University, appeared to me to be the fact that it was possible to make change, to move forward in many different areas, such as curriculum and research. I found that refreshing and unusual.

I think this ability was in a large part due to the imaginative leadership of John Silber (University President John R. Silber) and Dick Egdahl (Medical Center Director Richard H. Egdahl, M.D.). They were receptive to change.

It also was in very large part due to the faculty. The faculty of the School of Medicine did not think that the group had to be



100-percent together and behind each thing the School should do. If one person had a quality idea, and there was a nucleus of people who wanted to move it forward, the faculty usually felt that it was all right to proceed. This is a very progressive, and unusual, attitude in an academic institution.

This attitude was and still is a major strength of BUSM: the receptivity to new ideas, the ability of a group that has a good idea and wants to do it in a quality way, to move ahead.

Another strength of the School that was apparent then, and is very important still, is its geographic location, a factor that helps make the School of Medicine a very attractive institution to both excellent faculty and superb students. One has a large group of talented people who wish to come here to study and

to work. And that's a very, very big advantage.

Centerscope: *What was the School's major weakness when you began as dean here?*

Sandson: I didn't think the School really had any major weaknesses. It would have been nice to have a big endowment, but it is possible to have a very good school without a big endowment; it's just more difficult. I think we've been able to function quite well. Of course, I certainly would welcome a large endowment if it came to the School.

Centerscope: *Is there any one aspect you might pinpoint that characterizes the nature of medical education at BUSM?*

Sandson: I think the School's major achievements educationally have been diversity in the student body and flexibility in curriculum. Our objective has been to

prepare students from various backgrounds to pursue whatever career in the broad field of medicine they wish to pursue, which means they have to get a broad basic science education and a broad clinical education. That's the goal of the educational process here.

'Right now the students who come here have very humanistic qualities and humanistic concerns'

We're not trying to train medical students to be specialists. We're trying to train physicians who are able to go into primary care, basic research or medical specialties—the kind of physician who has the basic knowledge and skills to be able to do any of these.

Centerscope: *How have medical school students changed in the past 10 years?*

Sandson: I think the attitudes of the students tend to go through cycles. Right now the students who come here are very humanistic and have great interest in important social and ethical issues. That's different from what it was 10 years ago, and it may not last that long, but that's how it is now. I think it's very nice to see and it's a change that pleases me a great deal.

Centerscope: *What were the students geared to 10 years ago?*

Sandson: I think the students 10 years ago worked hard and were very interested in becoming superb doctors. They just were beginning to become concerned about the social aspects of medicine, the ethical issues, and I

A 10-year Perspective

The Centers for Advancement in Health and Medicine



To accommodate the dramatically increasing amount of research conducted by School of Medicine faculty, the School purchased the former Boston City Hospital Outpatient Building and renovated it into one of the most advanced research facilities in the country.

Dedicated in October 1983, the seven-story building's 77,000 square feet of research space is shared by researchers in the Arthritis Center, the Hubert H. Humphrey Cancer Research Center, the Pulmonary Center, the Department of Biochemistry and the Department of Dermatology.

think those issues have now become a major concern of the students.

Centerscope: *What makes Boston University School of Medicine stand apart from the other 126 medical schools in the country?*

Sandson: That's very easy. I don't think there is another medical school in the United States that has the flexibility in curriculum that we have, or that has as many pathways available to students seeking a medical education. We clearly have more flexibility than any other medical school in this country, or maybe anywhere.

This flexibility was started in the early 1960s with the implementation of the Six-year Combined Medical Program. We have markedly expanded the flexibility and there are now many, many different opportunities for students entering BUSM.

Centerscope: *What has been your biggest disappointment or frustration at the School of Medicine over the past 10 years?*

Sandson: The concern that I have is the increasing inability of the School to determine the quality of the clinical teaching environment (the hospital and ambulatory care settings) in which its students will be trained and in which the students will pursue their residencies. I am concerned that in the process of containing health-care costs, the clinical settings in which our students train will be adversely affected and that the training of our students in the clinical years may suffer.

It is in the hospitals that costs related to medical education are under the most careful scrutiny and these costs probably are going to be reduced. If these educational costs are drastically curtailed, the clinical training of both medical students and residents could be seriously altered. Optimal teaching sites are critical

Pathways to the Medical Degree



Boston University School of Medicine has more pathways leading to the M.D. degree than any other school in the nation, allowing students greater flexibility in planning their schedules and pursuing outside activities. The School's innovative Six-year Combined Medical Program was introduced in 1962. The options created in the past 10 years include the Modular Medical Integrated Curriculum Program (MMEDIC), which integrates the last two years of undergraduate school with the first two years of medical school, and the Alternative Basic Sciences Curriculum program, which allows selected students to "decompress" the first year into two calendar years.

Other pathways offered include the traditional four-year medical program, the Seven-year Combined Medical Option Program, the combined M.D.-Ph.D. program, the Early Medical School Selection Program for students in five minority colleges, the M.D.-M.P.H. Program and various combinations of these.

to the successful education of a physician and somehow must be maintained in the years ahead.

Hospitals, I think, may cut back on residency positions to reduce costs and, if residencies are significantly reduced, it will adversely affect medical education. This is a major concern. While it is one that a medical school cannot control, I do feel an obligation to make my concerns widely known.

The large indebtedness of many medical students is another very serious matter. Fortunately, the BUSM Student Revolving Loan Fund, by providing low interest loans, will keep the

repayments at a level that is manageable for all students. This fund provides a large number of low-interest loans so that students can decrease the loans they need at commercial rates. Such low-interest loans will decrease loan repayments by 70 percent for many students.

The development of this Fund will prove to be one of the most important developments at BUSM in the past 10 years.

Centerscope: *In the 10 years you have been dean here, what is the most important accomplishment that has taken place at the School of Medicine?*

Sandson: There have been sev-

eral that I would like to mention in addition to the Student Revolving Loan Fund. I think the introduction of the multiple pathways to the M.D. degree probably should be listed first. Second would be the development within the School of Medicine of the School of Public Health.

Research at BUSM in the real sense has more than doubled during the 10-year period

The third most important accomplishment would be the marked expansion of the research base of the School in terms of faculty, research programs, establishment of research centers and the development of new research space. The research activity of the School of Medicine in real terms has more than doubled during that 10-year period, and is still growing.

Centerscope: *What was the emphasis on research at the School 10 years ago?*

Sandson: I think research was viewed as important and was well positioned to take off and grow. Obviously, without space available to allow the growth to take place here, it couldn't have occurred. The faculty gained access to some additional space in the early 1970s. Ten years ago we had faculty here ready to expand their research and we had the good fortune and facilities to let that happen.

The growth truly has been remarkable. I doubt if there are many schools that have had the rate of growth we've had in research in the last 10 years.

A 10-year Perspective

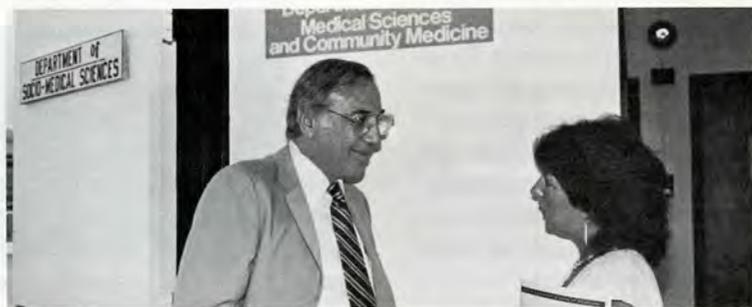
Technology Transfer Program



This innovative new program was launched in 1983 to provide a common meeting ground for faculty investigators and companies interested in transferring research findings into useful products. One of the first such programs begun by a medical school, the Technology Transfer Program allows industrial representatives, for an annual subscription fee, to learn about and stay current with the School's more than \$40-million annual research efforts, and have the opportunity of sponsoring certain projects or licensing patents.

A 10-year Perspective

The School of Public Health



The School of Public Health began as a program in 1976, and was designated a school within the School of Medicine in 1979. Last year the Council on Education for Public Health granted the School full accreditation.

Currently boasting 103 full- and part-time faculty members, the School of Public Health awarded 92 Master of Public Health degrees in the 1984 commencement ceremonies, the School's largest class. The School this year introduced its first doctoral program, the Doctor of Science in Epidemiology.



A 10-year Perspective

John Sandson on Being a Dean

*Keep all lines open, foster new ideas—
and help to nurture them*

The dean of a modern medical school has a complex and difficult job. Not surprisingly, the average tenure of a dean is less than four years and only 10 percent of the current deans in this country have been in their positions 10 years or more.

Upon his appointment as dean of Boston University School of Medicine, John I. Sandson, M.D., wrote that medical school deans will remain at their posts only until they "tire of—or are retired by—one or more of their constituencies."

Obviously, neither has happened to Dean Sandson. Although he has been BUSM's dean for 10 years, John Sandson is as fresh and enthusiastic about his job as he was when he officially began his deanship at BUSM on Nov. 1, 1974.

On a recent afternoon in his School of Medicine office, Dean Sandson reflected on the role of a dean at a major American medical school. He discussed the challenges and the rewards, the compromises and frustrations that a successful dean faces during his or her tenure.

The most important aspect of the job, according to the Dean, is the necessity for accessibility to faculty, students and others.

"I view the deanship as a job requiring excellent interpersonal skills," said Sandson. "The complexities of an academic medical center are such that it's quite easy for tensions to develop. If these aren't quickly resolved, they can lead to serious problems. It's important to have an open door and to see people quickly, to let them talk and to really listen. Personal communication is essential, particularly in an academic medical center," Sandson stressed.

In fact, Dean Sandson spends most of his time at BUSM conferring with the members of the Medical Center community: An average of 10 meetings are scheduled in the Dean's office each day, and several more impromptu conferences take place in the hallways and on the elevators throughout the Medical Center.

Fostering new ideas. The Dean, who also is deputy director for medical affairs at the Medical Center, said an important part of his job at the School of Medicine is working with faculty and staff on fostering new ideas, and nurturing these ideas as they develop into research projects or educational programs.

'I get the most satisfaction as a dean in seeing a new program work'

"I get the most satisfaction as a dean in seeing a new program work. Seeing the School of Public Health, for instance, grow from a

Expansion of Research



Research at the School of Medicine has increased dramatically since 1974 to a total of more than \$40 million in the current fiscal year. According to Dean Sandson, the research activity of the School of Medicine in terms of real dollars has more than doubled during that 10-year period, ranking BUSM number eight among the nation's 127 medical schools in research support per full time faculty member equivalent.

The expanding work of the faculty has led to the development of several internationally recognized research centers, including the Hubert H. Humphrey Cancer Research Center, which was dedicated in 1979. Other centers have been established in Arthritis, Pulmonary Disease and Primary Care. In addition, existing centers and institutes such as the Biophysics Institute, the Boston Area Health Education Center, the Cardiovascular Institute and the Gerontology Center have significantly increased the scope of their activities.

small program to a very successful school that is now fully accredited and thriving is especially satisfying."

Another example of such satisfaction, he said, was seeing the Modular Medical Integrated Curriculum program grow—from being an idea to becoming a grant, from being a new program to becoming an established curriculum, and then watching it serve as the focus for other new ideas.

To be able to serve as an effective dean of Boston University School of Medicine, Sandson has had to set aside some personal goals.

"You have to change. I became a full-time dean when I came to Boston University. I gave up my research and I gave up my practice. I derive my satisfaction from the accomplishments of others and what I can do to facilitate those accomplishments," said the Dean.

Respected clinician. Leaving the research lab can be difficult for a physician like Dean Sandson, who before coming to BUSM was a respected clinical and research specialist. As a rheumatologist at Albert Einstein College in New York City, Sandson carried out extensive basic and clinical research on the components of

joint fluid and cartilage.

At that college, Sandson also served as associate dean for health services. Simultaneously, he had served as medical director of the hospital of Albert Einstein College of Medicine.

But what he misses most, Sandson said, is seeing patients. He said his interactions with patients were very gratifying and this experience has served to help him in his present post at the School of Medicine.

"I think the skills needed to be dean are not unlike the skills needed to practice medicine. A good physician who spends a lot of time interacting with patients has to have very good interpersonal skills," said Sandson.

'My patients taught me how to listen... how to be patient'

"My patients taught me how to listen, how to tolerate ambiguity, how to be patient. Those are things that are important to me now as a dean," he said.

Sandson, who often testifies before state and federal legislative committees on such issues as financing medical education and health-care costs, said he tries to leave the School of Medicine environs only when it is necessary.

"I don't particularly like to travel and I try to travel as little as possible, usually only to Washington and New York. The international programs we have do require some travel, but I think the main role of a dean should be solving school problems," said Sandson. "If you're

International Health Programs



For many years, School of Medicine and Health Policy Institute faculty, staff and students have been aiding developing countries around the world to improve the quality of health care in those nations.

Since 1974, the School has become involved in numerous international health programs, which run the gamut from an effort to improve health care in 40 African countries to programs in which BUSM faculty members are helping to shape a problem-oriented community-based curriculum at an Egyptian medical school and a primary care-oriented private health sciences university in Colombia, South America.

The Board of Visitors



Formed in 1977 to provide advice, guidance and support to the School of Medicine, this distinguished body of friends of the School of Medicine has grown to include more than 40 members. The Board meets annually to review the progress of the School and Board members are available throughout the year to provide advice to the Dean.

away, you can't at the same time be solving problems related to school matters, large and small. These are the tradeoffs."

Involved in community issues.

Sandson spends more of his time working with community issues than traveling the country and abroad. The fate of the community and the School of Medicine are very much intertwined, he said, and it is important to be involved in what goes on in the community.

To that end, Dean Sandson has held key posts in many state and local organizations, such as the Massachusetts State Health Coordinating Council, the board of Harvard Street Neighborhood Health Center, and the Area Health Planning Committee of the Massachusetts Medical Society, which he chairs.

He has served on the board of directors of the Health Planning Council of Greater Boston, from which he received the prestigious Doris Carr Award for his "outstanding contributions to local planning efforts" in 1981.

The deanship is an all-consuming job for Sandson: He often spends 12 hours a day in the office and each weekend brings home a large briefcase full of material. ("It's a good time to get some of the longer, more involved reading done," he said.)

Still, he enjoys the job. Reflecting on his decision 10 years ago to take the BUSM post, Sandson said, "I think whatever work I would be doing at this stage of my life would probably be a full-time, all-consuming job. It's probably built into my personality and I would just as soon have had the opportunity to have been a dean for these 10 years as anything else that I can think of.

"I had this job as a career aspiration and was most fortunate to have the opportunity to achieve that goal. Few people have the

chance to become a dean. Those who are lucky enough to have such an opportunity should use it wisely. That means a lot of hard work," he said.

While few people remain dean at a medical school for more than 10 years, Sandson does not feel his work is done at BUSM.

'There still are major things to accomplish here'

"There still are major things to accomplish here. I think we need to acquire more space. We need to think hard about what kind of facility the School of Public Health should have. We need to consider whether there are major new educational initiatives we should undertake. There also are several programs, such as the Student Revolving Loan Fund, that I would like to see develop further," said Sandson.

Asked where he sees himself 10 years from now, Dean Sandson said that since he'll be just past the age of 65, he probably will be retired from academic responsibilities. However, the dean sees another career evolving at that stage, possibly in the corporate world or in a foundation. He paused, then added with a grin, "It's conceivable that I'll be back in the world of medical practice...I'd have to retool a bit, of course."

The Student Revolving Loan Fund



In response to the rapidly increasing cost of financing medical education, costs that experts like Dean Sandson have warned may make the medical degree attainable by only the rich, BUSM began in 1975 the Student Revolving Loan Fund. The fund provides students with low-interest loans (interests rates of 2 percent while attending school and 9 percent after graduation) to be paid back to the School over 10 years following graduation. Dean Sandson recently reported that BUSM will award more than \$600,000 in loans from these funds in 1984-85 and that by 1994 more than \$4 million in loans will be provided each year by the School's revolving loan fund.

The Dean's Club



From eight members when it was developed in cooperation with the BUSM Alumni Association in 1975, the Dean's Club has grown to 123 members who provide advice and support to the School in many different ways. This group provides leadership in the Annual Fund of the BUSM Alumni Association, which now has 45 percent participation, ranking in the top 10 percent of medical schools in the nation.

Alumni News

Alumni Association Establishes Bequest Club to Honor Those Who Help School Prepare for Future

"I feel that I owe Boston University something for giving me the opportunity to treat patients with various ills. I believe in titling my estate so that I will return some of my wealth to the future generations that would relieve humanity of its misfortune of suffering."

Edward A. Abbot '35
New Smyrna Beach, Fla.

"I was, and am, so thankful to have been privileged to attend BUSM at that time (1921) and to get my M.D. in 1925. Few knew that I was literally penniless. Those who did, helped (me) to get jobs and meals."

Howard A. Burrows '25
Dearborn Heights, Mich.

"I made a bequest to Boston University School of Medicine because I feel it is the least I can do to show my appreciation for the excellent medical education I received there."

Francis C. Kennedy '34
Port Hueneme, Calif.

"Boston University has an outstanding educational program and I feel in debt to the School because of the benefits I received. Since my wife and I agree that we should continue to support the School of Medicine, we are leaving a portion of our estate to the School."

Donald O. Ward '47
West Yellowstone, Montana

"When granted the degree of Doctor of Medicine one is granted a privilege more hallowed than that of any of the other 'learned professions' and with this privilege the onus of keeping the 'Oath' sacred. There also is encumbered on acceptance of this degree, a debt unto perpetuity to the granting institution, a true alma mater, Boston University School of Medicine."

Anonymous Alumnus

The words speak for themselves. They express in each individual's unique way the same thing—the gratitude of an alumnus of Boston University School of Medicine for the excellent medical education he or she received at the School.

The above alumni were among those who responded to a recent mailing from the BUSM Alumni Association that discussed wills and bequests. Each one indicated on

a reply card that he or she had made a bequest to Boston University School of Medicine. The Alumni Association then asked those alumni to explain their reasons for making such a special gift to the School. Their responses, as recorded above, were eloquent statements of support for the School and a constant expression of appreciation for their medical education.

To honor these alumni and recognize their commitment to the School of Medicine, the Alumni Association has established The Bequest Club. At this time its members include:

Edward A. Abbot '35
Howard A. Burrows '25
John J. Hayes '32
Francis C. Kennedy '34
Donald O. Ward '47
Several Anonymous Alumni

Each of these alumni have understood the School's need to plan for the future and have been generous enough to support that vision. The Alumni Association and the School of Medicine would like to take this opportunity to salute and acknowledge their generosity and concern.

Part of Planned Giving Program. The bequest program is part of the Alumni Association's ongoing effort to establish a Planned Giving Program at the School of Medicine. At this time, the major thrust of the Program is directed towards educating alumni about the charitable giving options available, explaining the unique tax advantage of these options, and presenting the ways in which these types of gift can benefit the School in the future. A Planned Giving Committee has been established, headed at present by Nathan L. Fineberg '30 and Murray M. Freed '55.

The Alumni Association will continue to recognize the alumni who make the special and vital contribution of a bequest to the School. It is hoped that The Bequest Club will grow to meet the challenge of the future.



Eleanor Swartz, second from left, widow of the late Jacob Swartz '46; her son, Howard, and his guest, Kathy Keohane, far left; daughter, Leslie, center; and son, Marvin, far right, and his wife, Gita Schonfeld, were among the Swartz family members who attended the dedication of the Jacob Swartz Memorial Bridge during Alumni Weekend last spring.

Henry Rosenberg '30 Dies at Age 78

Henry N. Rosenberg, M.D., a member of BUSM's Class of 1930 and an associate clinical professor of medicine at BUSM, died on April 16. He was 78 years old.

Rosenberg was born in Russia and came to the United States at the age of nine. He was raised in Chelsea and attended the Chelsea Public Schools. Rosenberg attended the College of Liberal Arts at Boston University and graduated from Boston University School of Medicine in 1930.

Rosenberg was the first intern on the Boston University V & VI Medical Services at Boston City Hospital and became a faculty member at Boston University School of Medicine in 1933, rising to the position of associate clinical professor of medicine.

Rosenberg was a Diplomate of the American Board of Internal Medicine and a Fellow of the American College of Physicians. He was a member of the Massachusetts Medical Society and the American Medical Association.

He leaves a son, James W. Rosenberg, M.D., a 1968 graduate of BUSM.

Alumnus McVey Dies at 55

John L. McVey, M.D., a member of the Class of 1955, died July 1 at age 55 in Cape Cod Hospital after a heart attack. McVey, who was a resident of Centerville, Mass., practiced medicine in Hyannis and was on the staff of Cape Cod Hospital since 1966. In 1980 he was forced to retire from practice because of his illness, but in 1982 he came to University Hospital to work in the Section of Radiation Medicine.

McVey served his internship at Boston City Hospital. He was a fellow in surgery at the Mayo Clinic and had a private practice in Rochester, N.Y., from 1963 to 1966 before moving to Cape Cod.

He was a member of the American College of Surgeons, the Massachusetts Medical Society and the Barnstable District Medical Society.

Marion K. Moulton '38: A Lifetime Dedicated to Family Practice

Retiring from medical practice often is a very difficult thing to do, as Marion K. Moulton '38, was well aware June 1, when she officially retired after serving 43 years as "family doctor" for hundreds of residents of rural York County, Maine.

In honor of the occasion, Moulton's family, friends and former patients, as well as students and colleagues from Boston University School of Medicine and elsewhere, gathered June 24 at Massabesic High School in Waterboro, Maine, for an afternoon of tribute to her long and outstanding career as a family practitioner.

A certificate recognizing her years of service in the field and in teaching was presented to Moulton by John F. McCahan, M.D., associate dean for the School and director of the Section on Family Medicine in the Department of Socio-Medical Sciences and Community Medicine, on behalf of the BUSM Alumni Association and that Department.

No problem too small. For 43 years Moulton served the people of the small rural farming communities within a 20-mile radius of her home in West Newfield, Maine. She was on call 24 hours a day, seven days a week. No problem was too small or too far away or too late at night to receive her attention. Perhaps this is why, when asked about Moulton, her patients, students and colleagues invariably reply with respect and

great affection. "I never saw her turn anyone away," said Adele Carroll, R.N., Moulton's nurse practitioner for eight years.

Four decades of constant availability, increasing amounts of paperwork that consume time better spent with patients, and a desire to enjoy some of life's homier pleasures seem more than enough reason for retiring from practice. "I felt that it was time for me to hang back," said Moulton, though she continues to be active in the Maine Medical Association and on advisory boards.

Moulton's career as a family practitioner began in 1941 when, after completing her internship at the now-closed New England Hospital for Women and Children in Roxbury and two years on the medical staff of Smith College, she married and moved to West Newfield, where her husband managed a retail lumber business. The town council, having tried unsuccessfully for several years to lure a physician to their community, gave Arthur Moulton a standing ovation for solving the problem by marrying one. The situation seemed ideal. "I always felt I wanted to practice in the country, where I felt there was a need," said Moulton.

When the United States entered World War II and many of the area doctors were called to active duty, Moulton was asked to take over the practice of a physician from a neighboring town. She did so for three

Marion Moulton '38 and her husband, Arthur, right, greet Erin Keefe '85, and BUSM Associate Dean John McCahan, M.D., at the June reception in Waterboro, Maine.



years, at the same time starting her own practice in West Newfield 18 miles away. "And I've been commuting back and forth ever since," she said.

Covered 3,000 miles a month. Moulton, now 70, routinely covered 3,000 miles a month, never traveling more than 20 miles from home—making house calls in Shapleigh, Acton, Lebanon, Limerick, Parsonfield and Wakefield, N.H. She is the only doctor many of her patients have ever known. "She never advertised. People knew she was there and started coming," remembers Carroll.

As the only physician for such a large area, she has had to deal with everything from heart attacks to fish hooks in fingers. She dispensed medications to patients at cost and office visits were only \$15 at the time of her retirement. As a regular staff member at Henrietta D. Goodall Hospital in Sanford, she frequently would be there all hours of the night delivering babies, even when she herself was due.

Moulton graduated from Boston University College of Liberal Arts in 1934 and from BUSM four years later. Oddly enough, none of her five children chose a medical career because, as she says, they considered being a doctor "a woman's job."

'She is what you think of when you think of a country doctor... Everyone in the community loves her and she loves them'

Enjoyed working with students. Boston University School of Medicine has continued to benefit from Moulton's experience and expertise as a family practitioner. For the past seven years, she regularly took fourth-year medical students for a month's rotation in Community Diagnosis.

"She is what you think of when

you think of a country doctor. They still exist," said Erin Keefe '85, a BUSM student who completed her rotation with Moulton in May. "Everyone in the community loves her and she loves them."

For her part, Moulton said she considered her chance to work with the students "very enjoyable and rewarding."

This spring, when Moulton sent out notices informing patients of her retirement, people were understandably upset. "The hardest thing was when people would say, 'What are we going to do without you?' She didn't know how to respond," said Keefe. Moulton acknowledges this but adds, "Today, with transportation the way it is and medical care increasingly available—there used to be five physicians in Sanford area, now there are 30—it makes me feel a little easier."

It is unlikely another doctor will take up a practice in her place. "I doubt if one would come to Newfield," she said. "I never had to practice for a living. Anybody else would probably not find it profitable." While she believes there always will be family practitioners, fewer and fewer will be going it alone because of the demanding hours. On top of that, the increasing paperwork associated with Medicare and Medicaid patients and the federal government's prospective reimbursement program, currently in place in Maine hospitals and eventually to effect individual physicians, make it difficult to get around to practicing medicine.

"You feel as though you don't have enough time to spend properly with patients," said Moulton.

Now that she has time of her own, Moulton says she has no specific plans other than to pursue her love of gardening and to maintain an active role in community events. An unexpected gift of travel to the Southwest and New Orleans was presented to the Moultons at the June reception to help ease the doctor's transition from active duty—a fitting thank-you for a lifetime spent caring for people in a small rural corner of New England.

— Caroline H. Lupfer

Article Written by Former Chairman Loew

An article entitled "Departmental History: Department of Physiology, Boston University School of Medicine (1873-1948)," appeared in *The Physiologist* (Vol. 27, No. 1) earlier this year. The article was written by Earl R. Loew, Ph.D., professor emeritus and former chairman of the Department of Physiology at BUSM.

Reprints of this article are available to all interested readers. For a copy, write to: BUSM Alumni Association, 80 E. Concord St., Boston, MA 02118.



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Publication of *Centerscope* is supported in part by the Alumni Association of Boston University School of Medicine

Message from the Annual Fund Chairman: 'Best Campaign Ever' Totalled \$390,415

On behalf of the Alumni Association of Boston University School of Medicine, I am pleased to report the results of the 1983-84 Annual Fund, and to thank the many alumni, faculty and friends listed in the following pages for their thoughtful and generous support.

The BUSM Alumni Association has just completed its best campaign ever. The 1983-84 Fund closed on June 30 with record totals in dollars raised, number of donors and percentage of participation.

Contributions to this year's Fund totalled \$390,415, compared to last year's total of \$346,561. The generosity of 1,681 alumni donors made this record possible, as compared with 1,532 alumni donors last year. Alumni participation in the Annual Fund, already strong at 40.5 percent in 1981-82 and 43.7 percent in 1982-83, rose to the even higher level of 45.2 percent this year.

Membership in all three leadership gift clubs also showed strong growth, with Dean's Club membership rising from 108 last year to 123 this year; Anniversary Club from 55 to 82; and Century Club from 846 to 1,019.

The primary thrust of the Annual Fund is to provide funding for student financial assistance, particularly through the Student Revolving Loan Fund. Additionally, the following classes continue to support specific projects: the Class of 1972, with the Pete Willard Memorial Loan Fund; the Class of 1980, with the Michael L. Miyahara-Gary L. Bean Emergency Loan Fund; the Class of 1981, with the Annual Class Day Award in memory of Dr. Jacob Swartz; and the Class of 1982, with the Mary Finn Revolving Loan Fund.

Many of the five-year reunion classes made special fund-raising efforts this year, and I would like to recognize their enthusiasm and support. The Class of 1959 led the way by almost tripling their contribution of the previous

year to donate \$22,025 as their 25th Reunion Gift, the largest gift ever made in one year by the 25th Reunion Class. The Class of 1979 set a record for the 5th Reunion Gift by contributing \$3,265. Their participation rate of 45.2 percent is especially high from so young a class and should serve as a challenge to future 5th Reunion classes.

All classes that matched or topped our overall participation rate of 45.2 percent are to be commended, but several are deserving of special mention: the Class of 1914 (the 70th Reunion Class) with 100 percent participation; the Class of 1930 with 75 percent; the Class of 1950 with 73.1 percent; the Class of 1960 with 81.2 percent; the Class of 1965 with 73 percent and the Class of 1967 with 70 percent.

One common trait among these classes with exceptionally high participation levels is that they are represented regularly at our Phonathons. I want to thank all our volunteers, including both alumni and students, who took part in our Phonathons. Their contribution to the growing commitment of BUSM alumni to the School cannot be overemphasized.

I also want to thank all of those who made individual efforts on behalf of the Annual Fund; and Dean's Club Chairman Barry M. Manuel '58 and Phonathon Chairman Peter E. Pochi '55 for their leadership.

In the coming year, the challenge will be to continue to build upon our past success in order to better meet the needs of the future and to help offset the increasing costs of tuition for students.

Thanks again to all of you who have demonstrated your support for the School and its work.

Bernard Tolnick '43-A
Chairman, Annual Fund Committee

Special Gift Clubs: Recognition for Those Who Support '83-84 Annual Fund

Recognition of those who have made a leadership commitment to the 1983-84 Annual Fund is given through membership in one of the Special Gift Clubs: Dean's Club (\$1,000 or more); Anniversary Club (\$500-999); or the Century Club (\$100-\$499). Lifetime Dean's Club membership is conferred upon those who make a single gift of \$10,000 or more.

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*Anonymous
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Class of 1984 Class Gift Program

The Class of 1984 voted to endow an annual lecture in memory of the late Leah M. Lowenstein, M.D., D. Phil., and in honor of her contributions to medical education.

Under the leadership of Eric Grigsby, the Class raised \$755 from 68 Class members (45% participation). For the next several years, contributions to the Annual Fund by the Class of 1984 will be restricted to this Lectureship Fund.

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 Monica Harnden-
 Snyder
 William G. Hook
 †Michael J. Kannan
 A. Daniel Rubenstein
 †Robert B. Shepardson
 †Herbert H. Smith
 Saul Yafa

1934
 \$8,654.76 donated
 13 donors
 61.9% participation
 John Belsky
 †Anthony J. DeVita
 Francis X. Foley
 George R. Gagliardi
 Henry J. Kaplan
 Francis C. Kennedy
 Jerome A. L'Heureux
 Charles J. Monestere
 John T. Nasse
 Joseph E. Porter
 Hilda Ratner
 Wayland R. Rice
 Charles Schlosberg

1935
 \$5,725 donated
 22 donors
 62.9% participation
 Edward A. Abbot
 Louis J. Aiello
 Constance G. H.
 Cincotti
 Samuel Clive Cohen
 Andrew D. Elia
 Jacob Felderman
 Mark Giffords
 Burton C. Grodberg
 Bernard M. Halbstein
 Francis V. Itri
 Israel M. Kamens
 Aaron Karush
 Olga A. G. Little
 Frederick C. Mutter Jr.
 Helen Curtis Provost
 Frederick J. Raisch
 Louis M. Sales
 Charles Saltzman
 Arthur B. Serino
 Harold I. Shuman
 Gerard A. Vetromile
 Raymond G. Vinal

1936
 \$3,050 donated
 16 donors
 43.2% participation
 Joseph Aieta Jr.
 Patricia H. Benedict
 J. Robert Feeley
 John Ficzichy Jr.
 Morris Fogel
 Marian Wright-Godbey
 Samuel J. Kowal
 Homan E. Leech
 John F. McManus
 John Meyers
 Bertha Offenbach-
 Fineberg
 Ernest J. Pastorello
 Priscilla Sellman
 George E. Sullivan
 William W. Wainer
 Roland P. Wilder

1937
 \$1,250 donated
 14 donors
 48.3% participation
 Roy G. Aiello
 Herman L. Block
 Morris Coshak
 William F. Croskery
 Oscar Z. Dashef
 Maurice E. Green
 James Harrison
 Pauline Luzackas
 Joseph Memmelaar
 Sidney Olans
 Anthony R. Palma
 Samuel E. Paul
 Anna Tulman-Rand
 †Bernard Zonderman

1938
 \$1,025 donated
 12 donors
 41.4% participation
 Harold F. Chase
 Lois B. Crowell
 Frances Dees-Porch
 Adolph A. DeNuccio
 Charles T. Desmond
 Grant M. Dixey
 Emile A. Houle
 Marion K. Moulton
 Roy W. Nelson
 Theodore A. Potter
 Bertha Phillips Rodger
 Irving Silverman

1939
 \$4,476.25 donated
 12 donors
 36.4% participation
 James G. Boyd
 Timothy L. Curran
 Saul K. Dopkeen
 Nicholas J. Fiumara
 Christopher Mamonas
 Matthew A. Moroz

Donors to the Annual Fund

Walter S. Mozden
Victor J. Mulaire
Maurice R. Ruben
Richard C. Taylor
Arthur B. Wein
Frank J. Zsoldos

1940
\$1,725 donated
21 donors
67.7% participation

Fred A. Anderson
Ruth M. Anderson
William Berenget
Abraham I. Binder
Robert E. Block
Margaret Vencko
Burnett
Joseph F. Carlucci
William P. Colpoys
Irving I. Goodof
Irene Grandmont-
Maynard
Najeeb Klam
Julius Litter
Samuel R. Manelis
Bernard F. Mann Jr.
Howard H. Milliken
Isabel S. Money
David F. O'Brien
Joseph F. Palmieri
Iver S. Ravin
Eugene Suzedell
William C. Wildberger

1941
\$870 donated
12 donors
57.1% participation

Franklyn D. Berry
Elsa K. Chaffee-Bodon
Albert A. DesChenes
Elwood N. Hathaway
Wilmer P. Heath
Harold I. Miller
Albert W. Moulton Jr.
Francesca M. Racioppi
Harold P. Stetson
Philip B. Thomas
Constantine Veremakis
Paul J. Votta

1942
\$7,132 donated
22 donors
61.1% participation

Crawford W. Adams
Vincent Baptist
John R. Barr
Herbert N. Blanchard
Martin L. Bradford
Clarence Crane Jr.
Abraham G. Glenn
Jacob Gottler
Brooks H. Hurd
Harold Karlin
Abraham Kaye
Francis R. Kenney

Phyllis Koteen
Rocco S. Marino
Francis J. McMahon
Herbert Mescon
O. Arthur Nereo
Salvatore L. Noto
Maurice Schiff
Emma M. Varnerin
Harold M. Wolman
Konstantine G.
Yankopolus

1943a
\$3,700 donated
15 donors
45.5% participation

Jean Avery-Rendell
John T. Barrett
Matthew C. Darnell Jr.
Benjamin S. Golub
Saul C. Holtzman
David K. Lovely
George I. Lythcott
Kenneth H. Seagrave
Lloyd I. Sexton
Frances Hayward Smith
Philip S. Spence
Elliott H. Sweetser
R. Emerson Sylvester
Bernard Tolnick
Louis Weinstein

1943b
\$3,330 donated
21 donors
52.5% participation

Gordon D. Arnold
John C. Ayres
Helen Belding-Meads
Eugene N. Binder
Frances J. Bonner
Ernest A. Bragg Jr.
George E. Casaubon
Anthony E. Colozzi
William E. R. Greer
Melvin K. Lyons
Robert G. MacBride
J. Jay Matloff
Eleanor Mendell-
Worsley
Paul I. Ossen
Gary P. Paparo
Robert C. Rainie
S. Albert Sarkisian
Joseph R. Sgarlat
Charles J. Shagoury
Edna H. Sobel
H. Thomas Tamaki

1944
\$6,517.50 donated
21 donors
58.3% participation

Charles D. Bonner
Joseph Connor
Lawrence N. D'Elia Jr.
Wallace H. Duffy
Alfred A. Figliozzi

Job E. Fuchs
†Herbert Gianfrancesco
Theodore B. Greenfield
Richard E. Hunter
Sumner Kaufman
Arthur B. Kern
Saul Malkiel
Clifford K. Mirikitani
Franklin A. Munsey
Nicholas T. Phillips
Clinton C. Powell
Nicholas Rizzo
Thomas J. Sheehy
Seda Aronian Sparling
Margaret E. Sullivan
Sanford W. Udis

1945
\$3,805.12 donated
22 donors
40.7% participation

Joseph Alpert
Joseph F. Arico
Fred W. Benton
Mortimer J. Blumenthal
Robert D. Boynton
Lee Britton
Edward F. Caruso
John A. Ferris
John A. James
James F. Kenney
Forrest N. Maddix Jr.
Frank J. Miselis
Robert J. Orme
Leon M. Osachuk
Joseph S. Pennepacker
Melvin H. Rodman
Russell G. Sandberg
Donald W. S. Stiff
Edward F. Vander Bush
Alfred L. Wolfe Jr.
Charles W. Woodcock
John E. Yelle

1946
\$6,650 donated
19 donors
36.5% participation

Robert A. Babineau
Arnold L. Berenberg
David W. Bishop
John T. Bowers Jr.
Stanley H. Cath
William Franklin
Charles E. Gilpatrick
Philip T. Goldenberg
Gene Gordon
Manuel Guzman-Acosta
Francis S. Jones
John J. Kennedy Jr.
Stephen R. LoVerme
Douglas N. MacInnis
Albert V. Mills
William B. Ober
John Sarokhan
Donald N. Vivian
Doris Newcomb White

1947
\$3,675.49 donated
18 donors
36.7% participation
Betty J. Bamforth
Edward A. Beeman
William Farrar Brown
Roger M. Cole
Catherine K. Cullinan
Fel G. Davies
Harold Fisher
Marvin J. Hoffman
David C. Kellsey
Stanley H. Konefal
Harold L. Osher
Frank Ratner
Raymond Seltser
Richard C. Smith
Louis V. Sorrentino
Norman S. Stearns
Ellsworth A. Twible
Setrag A. Zacarian

1948
\$5,015 donated
20 donors
40.0% participation

John R. Algird
Neil E. Anderson
Robert W. Bell
Thomas F. Boyd
George Entwisle
Robert R. Fisher
Anthony R. Gabriel
Malcolm Gordon
Robert J. Griffin
Harold R. Hanson
William W. Hunt
†Seymour A. Kaufman
Julian Mandell
Arthur C. O'Brien
Helen O'Brien-Cullina
Ralph J. Palermo
Leon N. Shapiro
Frederick N. Talmers
Mary Louise Warren
Bernard A. Woods

1949
\$1,895 donated
16 donors
35.6% participation

Albert A. Apsaha
Richard W. Avery
Marvin J. Colbert
Michael J. Esposito
Mitchell E. Kfoury
Robert W. McLean
Jerome Nadelhaft
Albert J. Plummer
Selma Hyde Rutenburg
Robert C. Shoemaker
Anna Silverman-
Boruchoff
Sabino J. Sinesi
James J. Siragusa Jr.
William A. Whitcomb
Charles E. Wilder
Mitchell R. Zavon

1950
\$5,300 donated
38 donors
73.1% participation

Ralph C. Andrews
G. Robert Baler
John H. Bechtel
Andrew Bedo
Irving H. Berkovitz
Gerald Besson
Arnold Blake
Nadya Konikov Bleisch
Samuel B. Burgess
Walter D. Carver
Donald T. Devine
Donald P. Dobson
Eben H. Dustin
Alice M. Fleming
Joseph Franklin
Bernard Goldberg
Arthur S. Griswold
Jeffrey H. Harris
Vincent J. Hickey
Ramon Isales
Mildred Kistenmacher
Eliot Landsman
Saul Lerner
Edward F. Marra
Herbert L. Martin
Luigi Mastroianni Jr.
Edwin C. Meserve
Marilyn Moses Meserve
Alan D. Mitchell
Arnold R. Perlman
John J. Quinn
Michael Rohman
Henry B. Schoenberger
Max G. Sherer
John R. Simmons
James C. Syner
Dorothy Tucker-Mitchell
Wesley G. Woll Jr.

1951
\$2,925 donated
25 donors
53.2% participation

Edward R. Asregadoo
David H. Baker
David Blau
David H. Boals
S. Arthur Boruchoff
John A. Callahan
Gilbert A. Ching
Adolph B. Clachko
Robert H. Cowing
Donald J. Davis
Albert L. Freedman
Harry W. Fritts Jr.
H. McLean Greeley
Don E. Ingham
Edward P. Kane
Charles O. Long
Joseph C. Merriam Jr.
Bennett Miller
Noboru Ogami
P. Anthony Penta
Douglass S. Thompson
Guy N. Turcotte
Percy W. Wadman
Brooks S. White
William C. Wiswall

Donors to the Annual Fund

1952

\$11,590 donated
35 donors
52.2% participation

- Arnold L. Abrams
- E. D. Angulo
- Robert W. Bain
- Julius J. Bartoli
- Robert Biener
- Philip B. Burke
- Leonard A. Charpentier
- Leonard J. Cibley
- Alan S. Cohen
- Diane W. Crocker
- William J. Cummings
- Stephen W. Czarnecki
- Robert M. Donaldson
- Jack B. Drori
- Paul M. Duchesneau
- Alvin N. Eden
- Murray M. Freed
- Henry H. Frenkel
- Tobias T. Friedman
- Nicholas Giosa
- Robert J. Hamblin
- Charles R. Holt
- Leon R. Jellerson
- Arthur H. Levere
- Juan A. Noguera
- Malkah Tolpin Notman
- Frank L. Pettinga
- Robert E. Rockney
- Charles J. Schissel
- William J. Shapiro
- Herbert L. Sperling
- Joseph Steg
- H. Leon Taylor
- Alan D. Weiner
- Eugene P. Whittier

1953

\$10,525 donated
40 donors
65.6% participation

- Dwight M. Akers
- Marvin B. Bacanier
- Arnold J. Bajek
- Camille R. Berube
- Harold P. Blum
- Gerald S. Brickman
- Walter S. Clough
- George E. Crickard
- Melvin R. Dixon
- Nancy A. Durant
- John F. Farrer
- Joseph S. Forte
- Robert Franklin
- Carl G. Freese Jr.
- Ambler Garnett Jr.
- Louis M. Geller
- Lloyd W. Georgeson
- Michihiko Hayashida
- Malcolm G. Idelson
- Abe Kaplan
- Oskar Klausenstock
- Alfredas Krisiukenas
- Hamer Lacey
- Thomas Leavitt Jr.
- Henry C. Lincoln
- Frank I. Marcus
- Carlos Munoz-Mellowes

- Radamee Orlandi-Gomez
- Helen A. Papaioanou
- Vincent J. Patalano
- Felix R. Rosenhain
- Sumner L. Shapiro
- Webster F. Soule
- Edward Spindell
- Carl B. Tisch
- Michael P. Tristan
- A. Paul Vastola Jr.
- Martin L. Vogel
- Norman Weinstein
- Henry O. White

1954

\$12,775 donated
36 donors
57.1% participation

- Melvin L. Adams
- Walter E. Ahrens
- Robert M. Berk
- Robert B. Bross
- Duncan W. Campbell
- Robert J. Carey
- Jay D. Coffman
- David H. Comba
- William L. Curwen
- George Dermksian
- Robert W. Egan
- Thomas F. Falcone
- Richard H. Fitton Jr.
- Beverly A. Foss
- Arnold Goldenberg
- Hideo H. Itabashi
- John T. Kaemmerlen Jr.
- Onni C. Kangas
- Robert L. Kelley
- Paul J. Killoran
- Richard A. MacDonald
- Charles Mahanor Jr.
- William I. Malamud Jr.
- George D. Malkasian Jr.
- Martin C. Manin
- Ralph C. Marcove
- Robert S. Marnoy
- Francis C. Mason
- William L. McCarthy
- Frederick J. O'Brien
- Jane Price Prager
- E. Arthur Robinson
- Fiore R. Rullo
- William T. Seales
- Paul Solomon
- Joseph P. Van Der Meulen

1955

\$12,084.50 donated
37 donors
50.7% participation

- Frederick W. Ackroyd
- Stephen J. Alphas
- William Y. W. Au
- Arthur Barnes
- George K. Boyd
- John Paul Brady
- Stanley K. Brockman
- Daniel S. Chaffin
- Andrew B. Crummy Jr.

1956

\$7,250 donated
28 donors
40.6% participation

- Allen G. Brailey Jr.
- Donald C. Brody
- James E. Burris

- Robert T. Cutting
- Frederick G. Doran
- Donald S. Dworken
- James E. Edwards
- Marion Wier Elliott
- Walter E. Fox
- Sumner Lester Freeman
- W. Scott Garland
- William F. Howatt
- Andrew Huvos
- Manuel Ingall
- James P. Johnson
- Richard E. Jones
- Paul Kaufman
- Jeanne D. Keller
- Robert C. Lawlor
- John B. Little
- William P. Luke
- Joseph T. Mullen
- Stanley H. Nordmo
- Peter E. Pochi
- Anthony V. Porcelli
- H. Joseph Roebber
- Jordan S. Ruboy
- Paul J. Simel
- Edward D. Swiss
- William Thomas Jr.
- Augustine S. Weekley Jr.

- Richard O. Elliott
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- James D. Kenney
- Howard S. King
- Wallace B. Lebowitz
- Robert H. Lofgren
- Richard C. Newell
- Morton B. Newman
- Chuk Nwokedi
- Willard Perry Jr.
- Anthony J. Piro
- Jerome R. Pomeranz
- Daniel Powers
- Rolf G. Scherman
- Richard L. Shelling
- Melvin R. Shevach
- Norman J. Siderius
- Melvin Stahl
- George C. Wang
- Carl S. Werner
- Lester F. Williams Jr.

1957

\$9,495 donated
33 donors
51.6% participation

- Howard C. Beane
- Donald A. Braisted
- Peter N. Carbonara
- John C. Coniaris
- Maurice H. Connors

- Norman D. Corwin
- Stanley Deutsch
- Alan H. Goldberg
- Roger I. Hassid
- Abraham Heller
- Robert E. Kahn
- H. Wallace Kava
- Arthur J. Kavanagh Jr.
- Leonard D. Leibowitz
- Richard H. Mattson
- Paul R. Minton
- C. Perry Norton
- Gilbert A. Norwood
- C. Thomas O'Connell
- John F. O'Connor
- Vincent S. O'Hara
- Peter Oliver
- Henry T. Oyama
- Mark N. Ozer
- Clement E. Papazian
- Harry L. Pine
- Dorothy M. Pitula-Grocott
- Joel S. Rankin
- Jay R. Shapiro
- William L. Smith
- Theodore A. Tromovitch
- Ralph Zalusky
- Alan Ziskind

1958

\$4,345 donated
26 donors
38.8% participation

- John J. Chiarenza

The Boston University School of Medicine Alumni Association

invites you to a

10th Anniversary Celebration

to honor

John I. Sandson, M.D.

on the occasion of his
10th Anniversary as Dean,
Boston University School of Medicine

4:30-7:30 p.m.

Wednesday, November 7, 1984

Hiebert Lounge
14th Floor, Instructional Building
Boston University School of Medicine

All Alumni, Faculty, Medical Students, Administrative Staff, and Friends of BUSM are cordially invited.

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 Bernard E. O'Brien
 Ralph R. Palumbo
 Ralph D. Powell Jr.
 Kenneth J. Ritter
 A. Craig Shealy
 Sumner Stone
 Albert Weinstein
 Earle Woodman
 Richard D. Zonis

1959

\$22,025 donated
 39 donors
 66.1% participation

Laurence I. Alpert
 Mary W. Ambler
 Frederick H. Anlyan
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 Thomas Belleau
 John M. Bennett
 Leonard Bouras
 Harry E. Bowen
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 Richard L. Simmons
 Kenneth B. Snell
 Ronald A. Swanson
 George F. Thornton
 Joseph R. Tucci
 Arnold Wong

1960

\$10,150 donated
 56 donors
 81.2% participation

George H. Abbot
 Morris S. Albert
 Frank H. Allen
 Jane V. Anderson
 Thomas P. Burton
 Alexander Butkiewicz
 William R. Clark Jr.
 Robert C. Cochran
 Robert L. Conrad
 Mark H. Cooley
 Herbert R. Crowley
 A. Edward D'Andrea
 William F. D'Aran Jr.
 Gabriel F. de Freitas
 Charles F. Eades
 George W. Fontaine
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 Elliot P. Hastings
 Beldon A. Idelson
 Arnold M. Illman
 Anthony V. Ionta
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 Warren Kantrowitz
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 Martin L. Spivack
 Robert P. Steinfeld
 Richard H. Thorp
 Michael D. Walker
 Julian C. Wallace
 Charles H. Weingarten
 John J. Whalen Jr.
 Arthur A. Wills III

1961

\$4,635 donated
 24 donors
 42.1% participation

Philip J. Arena
 Richard J. Cavell
 Raymond Y. W. Chock
 Lester S. Dewis
 Jack T. Evjy

Alphonse L. Gallitano
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 Joseph E. Magaro
 Daniel E. Moalli
 Carter G. Mosher
 Arthur J. Neiterman
 Simon C. Parisier
 Albert Reichert
 William J. Tate
 J. Elliott Taylor
 Peter Van Orman
 Burton White
 Philip S. White

1962

\$9,175 donated
 39 donors
 59.1% participation

Maurice J. Alfaro
 Roberta J. Apfel
 David S. Babin
 Merwyn Bagan
 Anne Murray Bell
 Edmond E. Charrette
 John P. Cloherty
 Peter N. De Sanctis
 Ralph D. Feigin
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 James Lawrence III
 Roger L. LeMaire
 Henry T. Lew
 John M. Miller Jr.
 Arthur L. Naddell
 Donald E. Norman
 Lois F. O'Grady
 Joel Potash
 Roger D. Reville
 Toshihisa Takei
 Carter Tallman
 H. Emerson Thomas Jr.
 John W. Towne
 George Walcott
 Rose K. L. Wong
 Lawrence W. Wood
 Jeremiah O. Young
 Thomas J. Zaccheo

1963

\$8,545 donated
 37 donors
 55.2% participation

Alan H. Bennett
 G. Curtis Barry

A. Robert Bellows
 Richard E. Bickham
 Robert S. Boltax
 Judith Borit
 Robert B. Brown
 Richard J. Cea
 Michael A. Diamond
 Richard K. Forster
 Ronald S. Gabriel
 William C. Gentry Jr.
 Charles A. Gundersen
 Michael G. Hirsh
 Victor I. Hochberg
 James A. Hull
 Richard F. Judkins
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 Louis Levovsky
 Ethel Brown Margolis
 Thomas C. McCarthy
 Carl A. Olsson
 Hytho H. Pantazelos
 Burt M. Perlmutter
 William E. Poplack
 Marc W. Richman
 Cynthia P. Rose
 Robert W. Ruggeri
 Felix L. Shapiro
 John N. Stephenson
 James D. Villiotte
 Francis E. Wanat
 Jane A. Winchester
 Herbert M. Wyman

1964

\$7,705 donated
 37 donors
 61.7% participation

Edward P. Andersen
 J. Paul Babineau
 Thomas C. Bagnoli
 Robert G. Bowman
 Martha B. Boyd
 Putnam P. Breed
 Walter J. Brodzinski
 James R. Brown
 Joyce L. Chen
 John P. Cocchiarella
 Frederick E. Cox
 Joseph F. Di Troia
 Nicholas Dushku
 Mary Jane England
 Robert A. England
 Kenneth Farbman
 Howard J. Frankel
 James A. Kearney
 Thornton C. Kline Jr.
 Ruth M. Lawrence
 John R. Marcaccio
 Thomas A. Martone
 Joseph A. Moylan
 Doris B. Nagel
 Chris G. Palacas
 Donald R. Pettit
 David W. Pottier
 Pierre E. Provost
 Vincent J. Russo
 Robert M. Seymour
 Steven P. Shearing

James W. Shepard
 Charles E. Taylor
 Charles E. Teebagy
 Murray W. Waksman
 Sydney Walker III
 Lawrence A. Yannuzzi

1965

\$10,589 donated
 46 donors
 73.0% participation

Irving M. Allen
 Anonymous
 Pho Ba Da
 Donna R. Barnard
 Douglas E. Barnard
 Harry W. Bennert Jr.
 John M. Bete
 Harvey H. Borden
 Robert H. Brown
 William A. Christmas
 Peter L. Clark
 Curtis R. Clayman
 Franca S. R. Danforth
 Frank F. Davidson Jr.
 Alain de La Chapelle
 Elizabeth Clark Dooling
 Burton P. Golub
 David T. Greenleaf
 Douglas M. Griswold
 David B. Gurland
 George E. Hamilton Jr.
 Bernard R. Hand
 George A. Hasiotis
 John A. Hermos
 Edgar M. Holmes III
 M. David Kelleher
 Peter C. Kelly
 Robert Foster Kenerson
 Howard M. Ledewitz
 John R. McCormick
 Shirley A. McMahan
 Hernan F. Mendez
 David W. Moore
 Ralph A. Nelson
 Frederick Y. F. Ng
 Edward F. Parsons
 Stephen J. Poor III
 Nancy E. Rice
 Donald A. Rotenberg
 John W. Scanlon
 Richard E. Spector
 Ronald C. Sullivan
 Peter A. Vrees
 Murray Weinstock
 Lily Moo Young
 Ronald Zevin

1966

\$6,501 donated
 42 donors
 58.3% participation

Michael S. Annunziata
 W. Thompson
 Bachmann
 John J. Barrett
 William H. Beekley
 Aaron T. Billowitz
 Michael A. Bleicher
 Stephen V. Boris

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 Michael P. Tragakis
 Edmund C. Tramont
 Judith L. Vaitukaitis
 Charles H. Weeber III
 Victor T. Williams
 Henry M. Yager
 David H. Zornow

1967

\$5,480 donated
 42 donors
 70.0% participation

Paul D. Allen
 Stephen M. Alpert
 Marcia E. Angell
 Anonymous
 Cambiz C. Baher
 David A. Bailen
 Marshall S. Bedine
 Wallace P. Berkowitz
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 Arthur D. Shiff
 John K. Southard Jr.
 Emil Von Arx III
 Michael H. Weiss
 John G. Williams Jr.
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1968

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 55.6% participation

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\$8,570 donated
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 47.8% participation

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\$5,155 donated
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43.3% participation

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\$3,810 donated
47 donors
47.5% participation

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1976

\$3,350 donated
41 donors
35.3% participation

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1977

\$3,120 donated
39 donors
31.0% participation

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Robert A. Witzburg

1978

\$1,705 donated
33 donors
26.6% participation

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1979

\$3,265 donated
61 donors
45.2% participation

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1980

\$1,747.50 donated
44 donors
34.6% participation

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1981

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37 donors
24.8% participation

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1982

\$1,712.50 donated
44 donors
31.0% participation

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\$180 donated
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7.2% participation

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1943b

Melvin Newman

1945

Shozo Iba

1949

Marjorie A. Purnell

1952

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Ruth M. Ellis
Henry H. Frenkel

1964

Thomas A. MacLean

1966

Joseph J. Migliore

1968

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1972

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1974

Mark S. Moskowitz

1975

Robert F. Wachtel

1976

Don Buswell-Charkow

1977

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School of Medicine

Class Notes

27

Grace B. Blauvelt-Welles of Orient, N.Y., wrote to express her thanks to all who wrote to her following the death in January 1983 of her husband, and to BUSM researchers for all their help.

29

Carl O. Nelson of Medway, Mass., practiced until his 71st year, taking care of a few patients who were reluctant to make a change. Now at 83, he tends gardens and mows a good-sized lawn and, in season, is wont to shovel some snow. He now reads practically all day but has no hobbies. His wife notes that he seems to enjoy himself.

32

Robert J. Donovan closed his Brookline, Mass., office in July 1983 and has retired to Marshfield.

35

Harold I. Shuman of Chestnut Hill, Mass., writes, "Retired in December 1982. Enjoying my grandchildren and playing tennis." He is in Florida in the winter and does some part-time work in the summer.

37

Pauline Luzackas of Cambridge, Mass., writes, "After a stormy 1983—cervical rhigotomy, torticollis, splenectomy for two discs and neural ganglion—have returned to part-time office practice."

39

Nicholas J. Fiumara of Belmont, Mass., was honored by the Massachusetts Medical Society on April 13, 1984, with a plaque citing his 12 years of service as chairman of the Society's Public Health Committee. Fiumara retired in June after 43 years of service with the Massachusetts Division of Communicable and Venereal Diseases, which he directed for the last 24 years. He remains active, however—lecturing, researching, writing for medical journals and teaching at his clinics and at Boston University and Harvard medical schools. Frederick Duncan, M.D., president-elect of the Society, noted, "Dr. Fiumara is an extremely competent and dedicated physician who has added immeasurably to the public health of Massachusetts."

40

Samuel R. Manelis has retired and is working as an orthopedic consultant on disability evaluations. Remarried, he is living in Tiverton, R.I., and sails the Sakonnet River.

43b

John C. Ayres of Springfield, Mass., has stepped down from the position as Springfield's commissioner of public health, which he has held for

nearly 30 years. A past president of the Massachusetts Medical Society, he has agreed to stay on as a part-time consultant to the department.

46

Charles E. Gilpatrick of Carney's Point, N.J., writes, "I have retired from practice. Five children have careers: a teacher, a computer engineer, a librarian, a medical doctor and an anesthetist. Am enjoying traveling, golfing, volunteering in Indian Health Service Hospitals, working with Red Cross and cancer societies as well as serving as official painter in my church, and helping local fire and rescue squads."

47

David Kaufman of Newton, Mass., was elected president of the medical staff of Newton-Wellesley Hospital. He is the chairman and advisor for the physician's team of the Combined Jewish Philanthropy.

49

Robert C. Shoemaker of Claremont, N.H., was appointed to the medical staff of Mount Ascutney Hospital and Health Center. He is a member of the American Academy of Orthopaedic Surgeons.

50

Gerald Besson of Los Altos, Calif., writes, "I have been practicing internal medicine in Sunnyvale, Calif., since 1955. We have five daughters, three of whom have provided us with five grandchildren (three girls and two boys). One daughter is about to graduate from Stanford with an M.B.A. Another is involved in the computer industry at Hewlett-Packard. The third has an M.S.N. with a specialty in neonatology. She teaches at the University of California San Francisco Medical Center. The fourth is an assistant vice president at Wells Fargo Bank and is thinking of going to graduate school in business next year. The fifth is finishing a two-year stint with the Peace Corps in the Dominican Republic. Please call and experience our Western hospitality if any of you are in the San Francisco area."

52

Alan S. Cohen of Newton Centre, Mass., chief of arthritis and director of the Boston University Multipurpose Arthritis Center, was elected president of the Massachusetts Chapter of the Arthritis Foundation and chairman of the International Affairs Committee of the American Rheumatism Association.

Murray M. Freed was elected vice-chairman of the American Board of Physical Medicine and Rehabilitation at its annual meeting on June 1, 1984.

Frank L. Pettinga is the regional medical officer, Foreign Service, Department of State, posted in Santa Domingo, Dominican Republic. He provides medical care to people in 13 embassies in the Caribbean.

53

Frank I. Marcus of Tucson, Ariz., has been elected to serve as College Governor for the State of Arizona by the American College of Cardiology's (ACC) Board of Trustees.



Members of the Class of '34 who attended the Alumni Weekend luncheon at the School last spring received mementos from the BUSM Alumni Association. In this photo, Charles Schlosberg '34 is presented his memento by then Alumni Association President Michael Malamud '59.

54

Robert M. Berk of Bronx, N.Y., writes that his daughter **Elizabeth** currently is enrolled in the Six-year Program at BUSM.

55

William P. Luke of Hyannis, Mass., has accepted an academic appointment at University of Toronto Medical School, Canada, concurrent with a staff appointment in thoracic surgery at Toronto General Hospital until July 1, 1984.

57

Richard H. Mattson of West Haven, Conn., writes, "After graduating from Boston University I trained at Mayo in neurology and then in the USAF; Ellie and I moved to Guilford, Conn. We have three children: Rick, Gail and Catherine. Gail is in her third year at Yale Medical School. I am a professor of neurology at Yale and have a special interest in epilepsy. This brings me to BUSM from time to time but, unfortunately, not in contact with old classmates."

Mark N. Ozer now is assistant chief of the spinal-cord section at the McGuire Veterans Administration Medical Center in Richmond, Va. He says he is enjoying the chance to work more actively with patients once again, while simultaneously putting into effect some new ideas on the delivery of service.

Alan Ziskind of Belmont, Mass., writes, "I am still practicing pediatrics, solo, in Belmont. Oldest son, Andrew, now is a medical resident at Massachusetts General Hospital. Second son is employed, happy and financially solvent. Youngest son, Michael, is graduating from Trinity College, Hartford, Conn., and is going on to do postgraduate work in public policy at Duke. I am still happily married (32 years) to my wife, Barbara, who put me through BUSM!"

58

John F. McGinn of Orrington, Maine, writes, "After 20 years of practicing orthopedic surgery in Bangor, Maine, I retired as of July 14, 1983, with no regrets. My wife, Lynne, and I have enjoyed our first year of retirement, spending four months of the winter in our new villa at Brandywine Bay Villas in Morehead City, N.C., sailing and golfing. Our daughter Stacey graduated from the University of Maine this spring. Our son Joshua will enter his sophomore year at Boston University this fall. Our son Sepp will be entering his junior year at Brewer High School this fall while son Christian will be at Hebron for his junior year. This summer, as usual, we will be sailing out of the Northeast Harbor on our ketch, The Magna Cum Laude. We welcome any and all visitations from interested friends passing through Maine in the summer and North Carolina in the winter. Thanks to BUSM, which made all the above possible. P.S.—Joshua made the Dean's List both semesters his freshman year! So what can the retired doc do? Only advise! And remember 'Christmas disease!' Thanks Paul Healey and the Class of '58!"

59

John M. Bennett of Rochester, N.Y., writes, "Regret not being able to attend 25th! Enjoying my leave-of-absence in Boston, learning advanced biostatistics, computer application to clinical trials and what to do with large data bases. Enjoyed having dinner with **Mike Malamud, Leonard Bouras, Jim Pollard** and **Mary Webb** to help plan the Reunion."

Eugene Pugatch of Montclair, N.J., writes that he is co-director of neurology at Mountainside Hospital in Montclair, N.J. He also has a private practice in neurology. He is a frequent lecturer to legal groups on the topic of legal medicine. His research interests are in pathogenesis of thrombosis and aspects of fibrinolysis. He and his wife, Vera, have one son, Giles, age 9. He comments, "Vera and I truly enjoyed our all too

brief but happy 25th, and we want to send a special word of thanks to all who contributed to its success."

61

Richard J. Cavell of Reno, Nev., writes, "Looking forward to 25th Reunion. Seems like only yesterday we were getting our diplomas in Boston Garden."

62

Lois F. O'Grady of Sacramento, Calif., writes, "Active in breast cancer work, both clinical and clinical research. Producing educational TV tapes for fun. Spent several months last year as visiting professor at the University of Nairobi, Kenya."

63

Robert W. Ruggeri from Walla Walla, Wash., writes "Isolated from BUSM graduates here but all are welcome to visit!"

64

Chris G. Palacas and his wife, Jane, (R.N.), will be leaving their respective practices at Sinai Hospital of Detroit to become field directors of a medical mission in Uganda, East Africa. The work will be in community-health development. Departure date is set for Oct. 1, 1984.

65

Hernan F. Mendez, formerly of Rio Piedras, Puerto Rico, has relocated with his family to Jacksonville, Fla., where he will be doing plastic surgery.

67

Boston University College of Liberal Arts recently inducted **Stuart E. Siegel** into its Collegium of Distin-



Members of the Class of '34 and their guests attended a 50th Reunion Dinner Party at the Marriott Long Wharf on May 4. Seated, left to right, are Irene L'Heureux, Hilda Ratner '34, Arline Stanton and Emma May Schlosberg. Standing are Gary L. Stanton '77, Jerome A. L'Heureux '34, John Belsky '34, Edwin Yale Stanton '34, Charles Schlosberg '34 and Donald Miller.

guished Alumni in recognition of his contributions as a professional and to society. He currently is director of the Division of Hematology and Oncology at Children's Hospital in Los Angeles, Calif.

68

Paul A. Levine of Northborough, Mass., director of the Electrophysiology Laboratory at University Hospital in Boston, was named a member of the Executive Advisory Board of the North American Society of Pacing and Electrophysiology.

Geoffrey Simon was made a Fellow in the American College of Surgeons at its annual meeting in Atlanta. He is a Diplomat of the American Board of Surgery and has a practice of general surgery in Utica, N.Y. He and his wife, Lindsey, and their son, Jamie, live in New Hartford, N.Y.

73

Martha P. Gramlich of Alexandria, Va., writes, "Doing well. I got my board certification in emergency medicine and have the pleasure of seeing a good group of physicians evolving in the E.R. where I work. Fred and I are really enjoying the kids as they get older and can read, think and bowl, skate, swim and otherwise 'play' with us. We will have a fourth baby in early June just to ensure that we won't run out of playmates for awhile!"

Charles P. Tift of Newton Upper Falls, Mass., was named president-elect of the Greater Boston Division of the American Heart Association.

Konstantine K. Yankopolus of Ft. Meyer, Fla., writes, "Son Nicholas Konstantine was born May 16, 1984, to Konstantine and Terri Yankopolus. Delivered by his dad, he weighed in at 9 pounds, 6 1/2 ounces."

74

Rebecca Backenroth-Maayan of Pelham Manor, N.Y., writes that she is a nephrologist. She is planning to leave New York for Jerusalem this summer.

David R. Carl writes that he completed residency in anatomic and clinical pathology at New England Deaconess Hospital in 1978. Since then he has been associate pathologist at Rutland Regional Medical Center, Rutland, Vt. He lives with his wife, Christina, daughter, Kirstin, 5, and son, Nicholas, 2, in East Wallingford, Vt.

Paul Leiman of Clarks Green, Pa., writes that his practice is very busy these days. He was looking forward to seeing all his old friends again at the 10th Reunion in May.

Richard J. Shemin of Needham, Mass., writes, "We had our third child in December—Michelle. I was recently appointed director of the Cardiac Surgical Intensive Care Unit at Brigham and Women's Hospital. I was part of the surgical team to perform the first cardiac transplant in New England."

75

Sam Bergman of Dummerston, Vt., was appointed to the medical staff at Cheshire Hospital in Keene, N.H., as an emergency room physician.

Lindsey C. Kiser of Newton Highlands, Mass., is a staff radiologist at New England Baptist Hospital in Boston. She writes that she has been happily married since August 1982.

Peter and Suzanne Stelmach are both in the U.S. Navy at Camp Lejeune, N.C. Sue is in pediatrics; Peter is recovering from encephalitis.

76

M. Douglass Poirier is enjoying private solo practice in internal medicine. He left Fallon Clinic and group practice six months ago.

In September 1983, **Paul Siegel** married Ronnie L. Zakon, curator of education at the Museum of Rhode Island School of Design. He is practicing gastroenterology on Cape Cod, and living in Yarmouthport, Mass.

77

Andrew J. Breuder of Rossier City, Calif., writes, "Betty and I are being transferred to England in July, and we're expecting our eighth child in mid-August. I will become an exchange officer with the Royal Air Force and serve as the Command Flight Surgeon, Hg. Strike Command, RAF High Wycombe."

Robert Wesselhoeft III of Haverhill, Mass., has been appointed medical director of Whittier Rehabilitation Hospital in Haverhill.

78

Michael A. Diaz of Arlington, Va., writes, "Mike Jr. now is almost 1 1/2 years old and the best thing that's ever happened to me. My wife, Cynthia, and I continue to enjoy life in Virginia. Currently I am teaching in the Alcohol Program at Fairfax Hospital and at Georgetown University, as well as building up my practice in psychiatry."

79

Paul M. Burke Jr. of Westboro, Mass., writes, "After completing my general surgical training at University of Massachusetts Medical Center, I will spend an additional year in the vascular surgical fellowship (at UMMC)."

80

David Cornish of Sacramento, Calif., writes that he is now a fellow in gastroenterology at University of California, Davis Medical Center, in Sacramento.

Gordon Manning and his wife, **Karen Rothman '81**, of Westboro, Mass., are the proud parents of a new baby boy, Jeremy, born on March 15, 1984. Gordon is in practice in Westboro, and Karen is completing her pediatrics residency and will start a dermatology residency at Boston University this summer.

Carolann S. Najarian of Watertown, Mass., writes, "In private practice in Watertown practicing in partnership with four other internists as 'Mount Auburn Medical Association.'"

Kenneth B. Simons writes from Durham, N.C., "I look forward to seeing many of you at our Fifth Reunion and will keep you all posted re: our Class Gift. We have a son, Jared, now and are heading to L.A. (Jules Stein Eye Institute). Stop by on your way to Disneyland."

Andrew M. Wexler of Worcester, Mass., writes, "My wife, Geri, and I are expecting our first child in June just before I start my year as a chief surgical resident at UMass in Worcester. 1985 will find us in Los Angeles where I will start a two-year fellowship in plastic and reconstructive surgery at UCLA."

81

Ronald G. Collman is finishing his third year of internal medicine residency at Temple University Hospital in Philadelphia, Pa., where he will be chief resident in internal medicine for 1984-85.

Frederick Georgian of Worcester, Mass., writes, "Had a dream come true by being able to visit China. While I was in Urumchi I saw a Cos-sack trading village and learned about yurts."

Ira D. Papel of Baltimore, Md., is entering his third year of training in otolaryngology/head and neck surgery at Johns Hopkins Hospital. He will be married in June 1984 to Leslie Ann Bellah of Columbia, S.C.

Jeff M. Sands is working at National Institutes of Health in Bethesda, Md., and doing renal physiology research. He comments, "The work is very exciting, and living in Washington is almost as nice as living in Boston."

82

Joseph A. Bachicha of Stanford, Calif., writes, "I'm in my second year of residency and love it. Greetings to all friends on the East Coast!"

Paul L. Baron of Richmond, Va., was married on May 20, 1984, in Richmond to Lisa Ann Forrest, R.N., Boston University School of Nursing '82.

John A. Kaufman of Tahlequah, Okla., writes, "I currently am working as a general medical officer at the W.W. Hastings Indian Hospital in Tahlequah, Okla. Shortly after we arrived here in July 1983, we had a daughter, Claire Suzanne Kaufman, who was born at the Indian Hospital. We are enjoying the quieter lifestyle and open country, but look forward to returning to New England when my commitment is up."

David Rothbaum of Great Neck, N.Y., writes, "I am doing well in obstetrics and gynecology. I recently completed one of my rotations in GYN-oncology at Memorial Sloan Kettering Cancer Center in New York City, and now I am on a three-month rotation in gynecological pathology at Columbia Presbyterian Medical Center with Dr. Ralph Richart. During this last rotation I have a little more leisure time, although I still take 'night call' at North Shore University Hospital when things are hectic."

83

Kalman L. Watsky is completing an internship in internal medicine at St. Vincent's Hospital in New York. As of July, he will begin work in the Navy as a GMO at the Naval Hospital in Philadelphia.

Necrology

11

Elizabeth Amrhein of Burlington, Vt., on Nov. 13, 1983.

29

John J. Slattery of Green Harbor, Mass., on Dec. 27, 1983.

30

Henry N. Rosenberg of Waban, Mass., on April 27, 1984.

33

Michael J. Kannan of Andover, Mass., on March 2, 1984.

Julia Arrowood-Mason of Southern Pines, N.C., on May 4, 1984.

34

Jerome K. Asch of Freeport, N.Y., on Sept. 18, 1983.

37

Bernard Zonderman of Chestnut Hill, Mass., on April 27, 1984.

43b

William R. Buckley of Rochester, N.Y., on June 28, 1983.

44

Burton Willard of Lancaster, Calif., on Feb. 28, 1983.

48

Seymour A. Kaufman of Newton, Mass., on May 28, 1984.

55

John L. McVey of Centerville, Mass., on July 1, 1984.

82

Alan Mark Roberts of Brookline, Mass., on March 26, 1984.

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Course Announcements: 1984-85

- 1. Computers for the Practicing Physician: An Introduction**/Course Director: Barry M. Manuel, M.D./November 10-11, 1984, Marriott Hotel-Long Wharf, Boston, MA; January 28-30, 1985, Topnotch, Stowe, VT; February 22-24, 1985, Hyatt Orlando Hotel, Neighbor to Disney World, FL; May 6-14 and May 13-21, 1985, Athens, Greece; July 29-31, 1985, Dunfey Hyannis Hotel, Cape Cod, MA
- 2. Ninth Annual Recognition and Management of Medical Emergencies**/October 18-20, 1984/Course Director: Robert Levin, M.D./Howard Johnson 57 Hotel, Boston, MA
- 3. The Learning Disabled Child: Advances in Treatment**/October 20, 1984/Course Director: N. Paul Rosman, M.D./Sonesta Hotel, Cambridge, MA
- 4. Arthritis**/October 25-27, 1984/Course Director: Robert Meenan, M.D./Colonnade Hotel, Boston, MA
- 5. Advances in Trace Elements: A Clinical Approach**/October 31, 1984/Course Director: Robert Lerman, M.D./Boston University Medical Center, Boston, MA
- 6. Laser Surgery**/November 15-16, 1984/Course Director: M. Stuart Strong, M.D./Boston University Medical Center, Boston, MA
- 7. Uro-Oncology Update 1984**/December 15, 1984/Course Director: Robert Krane, M.D./Marriott Hotel, Newton, MA
- 8. The First 30 Minutes: The Boston City Hospital Approach to Medical and Pediatric Emergencies**/December 27-30, 1984/Course Directors: Robert Levin, M.D., and Stephen Pelton, M.D./The Buena Vista Palace, Walt Disney World, FL
- 9. Current Issues in Pediatric Infectious Diseases**/December 27-29, 1984/Course Director: Jerome O. Klein, M.D./The Buena Vista Palace, Walt Disney World, FL
- 10. Specialty Medicine (Cardiology, Dermatology, Ob/Gyn, Sports Medicine, Surgery) for the Office-Based Practitioner**/December 27-29, 1984/Hyatt Orlando Hotel, Walt Disney World, FL
- 11. Controversies in Medicine and Surgery**/January 11-19 and 18-26, 1985, St. Moritz, Switzerland; February 11-18 and 18-25, 1985, Puerto Vallarta, Mexico; April 14-22 and 21-29, 1985, Paris/Versailles, France
- 12. Advanced Trauma Life Support Provider**/January 17-18, 1985/Boston University Medical Center, Boston, MA
- 13. Controversies in Internal Medicine**/January 27-February 1, 1985/Course Director: Robert Levin, M.D./Stratton Mountain, VT
- 14. Urology Update 1985**/February 4-8, 1985/Course Directors: Robert Krane, M.D., and Ralph deVere White, M.D./Smugglers' Notch, Jeffersonville, VT
- 15. Gynecology for the Non-Gynecologist**/February 16-18, 1985/Course Director: Leonard Cibley, M.D./Hyatt Orlando Hotel, Walt Disney World, FL
- 16. Specialty Medicine for the Office-Based Practitioner 1985**/February 19-21, 1985/Course Director: Barry Manuel, M.D./Hyatt Orlando Hotel, Walt Disney World, FL
- 17. Emergency Treatment of Orthopedic and Sports Injuries**/February 25-28, 1985/Course Director: George Whitelaw, M.D./Stowe, VT
- 18. Current Clinical Pediatrics**/February 25-March 1, 1985/Course Director: Stephen Pelton, M.D./Smugglers' Notch, Jeffersonville, VT
- 19. Recent Advances in Medicine and Surgery**/March 3-10 and June 23-26, 1985/Course Director: David Segal, M.D./Jerusalem, Israel
- 20. Review of Medical and Surgical Practice in Australia**/March 7-22, 1985/University of Australia, Sydney, Australia and New Zealand
- 21. Recent Advances in Diagnosis and Management of Infectious Diseases in Children**/March 16, 1985/Course Director: Jerome O. Klein, M.D./Sonesta Hotel, Cambridge, MA
- 22. Review Course and Update in Obstetrics and Gynecology**/March 25-27, 1985/Course Director: Leonard Cibley, M.D./Hotel Intercontinental, Boston, MA
- 23. Behavioral and Developmental Pediatrics**/March 29-30, 1985/Course Director: Barry Zuckerman, M.D./Hotel Intercontinental, Boston, MA
- 24. Technology as an Aid to Clinical Cardiovascular Skills**/April 12-14, 1985 (Boston Marathon is April 15)/Course Director: Michael Klein, M.D./Sonesta Hotel, Cambridge, MA
- 25. Family Therapy for the Mental Health Professional**/April 15-18, 1985/Course Director: William Malamud, M.D./Sea Pines Plantation, Hilton Head Island, SC
- 26. Current Clinical Pediatrics**/April 15-19, 1985/Course Director: Stephen Pelton, M.D./Sea Pines Plantation, Hilton Head Island, SC
- 27. Sexual Attitude Reassessment**/April 20-21, 1985/Course Director: Stanley Ducharme, Ph.D./Boston University Medical Center, Boston, MA
- 28. Advanced Trauma Life Support Provider**/April 25-26, 1985/Boston University Medical Center, Boston, MA
- 29. Controversies in Internal Medicine**/May 6-10, 1985/Course Director: Robert Levin, M.D./Sea Pines Plantation, Hilton Head Island, SC
- 30. Pediatrics: The Next Decade**/June 19-21, 1984/Course Director: Stephen Pelton, M.D./Atlantic City, NJ
- 31. Recent Advances in Medicine and Surgery**/June 22-27, 1985/Bern, Switzerland
- 32. Nutrition in the Practice of Medicine**/July 15-19, 1985/Course Director: Joseph Vitale, M.D./Boston, MA
- 33. Controversies in Medicine**/July 21-29, 1985 and July 28-August 5, 1985/London, England

For further information, contact: Department of Continuing Medical Education, Boston University School of Medicine, 80 E. Concord St., Boston, MA 02118. Telephone: (617) 247-5602