

Tuition, Fees, Financial Aid, Scholarships, and Awards

TUITION AND OTHER FEES

Medical students matriculating in September 2006 will be charged tuition at the rate of \$34,000 per year. The 2006-2007 tuition for graduate students registered in the School of Medicine is \$32,200. These tuitions cover all normal charges. The tuition fee is payable in two equal installments, one at the opening of the academic year, and one at the beginning of the second half of the year. Living expenses, health insurance, a \$200 microscopy fee for first and second year medical students, and a \$700 matriculation fee are in addition to the tuition charge. The matriculation fee is a general University assessment and is collected once only from new students at the time of their initial enrollment as full-time students and/or as degree candidates in the University. Special schedules for payment of fees can be arranged with the Office of Financial Affairs.

Students will not be admitted to the regular courses until they have registered at the Office of the Registrar of the School of Medicine and arranged for payment of their fees for the first half of the academic year. Registration is not required for the second half but arrangements must be made for the payment of second half tuition before students can be admitted to classes.

A late charge may be imposed in connection with all tuition and fees due to the School of Medicine as follows: Tuition, microscopy and matriculation fees are due and payable at the beginning of each term. The late charge will be 1-1/2% per month of the unpaid balance, and will be added to each unpaid account on the first of each month. For insurance and parking fees, the 1-1/2% late charge will be assessed thirty days after billing and on the monthly anniversary thereafter. When late payments result from delayed receipt of loans for which timely application has been made, the late charge may be waived by the Associate Dean for Student Affairs. All fees and charges must be paid in full in order for a student to be approved for graduation.

TUITION POLICIES

M.D. Candidates

Tuition rates are determined annually by the Board of Trustees. Annual tuition covers studies carried out during the entire 12 month period

between enrollments (ordinarily September-August).

All M.D. candidates will be charged at the M.D. rate for a total of four years. Irrespective of the actual scheduling of the medical and graduate portions of their education students in M.D.-Ph.D. programs will ordinarily be required to pay M.D. rate tuition for the first four years in such programs. Tuition for the remaining years will be assessed annually at the M.D. rate or at the established University Ph.D. rate, whichever is lower. Alternative schedules for payments at the M.D. rate by students in M.D.-Ph.D. programs must be approved by the Vice Dean for Education.

Students who repeat a portion of the M.D. program will be assessed tuition at the annually established rate. Tuition is prorated to period of enrollment.

There is a \$25 annual fee for Student in Residence status.

Graduate Students-Ph.D. and M.A. Candidates

Tuition for each 12 month period (September-August) of enrollment will be at the rate established by the University for Ph.D. candidates.

Visiting Medical Students

Visiting medical students registered for clinical or research electives will be assessed a \$250 registration fee per quarter or fraction thereof. Enrollment of visiting medical students is usually limited to one quarter per academic year. Some surgical departments/divisions provide partial registration fee support.

Part-Time Degree Candidates

These students will be assessed tuition at the part-time rate established for the degree for which they are a candidate.

Special Students (Non-Degree Candidates)

Tuition will be assessed at the part-time rates established by the University for Ph.D. candidates.

Postdoctoral Students (Fellows)

Tuition for postdoctoral students who are not members of the Johns Hopkins Hospital house staff is \$800 per annum, pro-rated in relation to period of enrollment. Tuition may be remitted as specified by the Executive Committee of the Board of Trustees.*

* The policy concerning tuition for fellows and postdoctoral students is based upon action of the Executive Committee of the Board of Trustees on January 19, 1966, as follows: "where special circumstances do not make payment of such fees feasible, it will be remitted."

REFUND POLICY

Full Time Students

Full time students are billed on a semester basis. A total refund of tuition payments will be made for a full time student withdrawing before completion of four weeks of a semester. Students withdrawing after completion of four weeks will receive a pro-rated refund up to 60 percent calculated from day one of the semester. Students withdrawing after completion of 60 percent of a semester will receive no refund of tuition.

The date of withdrawal will be calculated from the date the student's written statement of withdrawal is submitted to the Office of the Associate Dean for Student Affairs. Exceptions to this policy must be approved by the Vice Dean for Education.

Part Time Students

Part time students are billed on a per course basis. Students withdrawing after the start of a course will receive a pro-rated refund up to 60 percent calculated from day one of the course. Students withdrawing after completion of 60 percent of a course will receive no refund of tuition.

HEALTH FEES AND INSURANCES

Health Insurance

All students, their spouses, and dependent children must be covered by hospitalization insurance. It is required that students subscribe through the School of Medicine group plan. Spouses and dependent children must be covered by hospitalization insurance either through the School of Medicine group plan or equivalent coverage. The annual cost to the student is as follows: single-\$2,184, husband/wife-\$4,848, parent/child-\$4,848, family-\$6,048. These rates are subject to annual change. All bills are payable in the Office of Financial Affairs.

Dental Insurance

All students are required to subscribe to the Student Dental Insurance Plan. The annual cost to the student is \$150.

Life Insurance

In January of the second year the School of Medicine purchases a \$100,000 term life insurance policy for each second year medical student. This policy remains in effect until the

M.D. degree is awarded or until the student withdraws from the M.D. program. This insurance is provided at no cost to the student.

Disability Insurance

The School of Medicine provides a disability plan for all students enrolled as M.D. candidates. This coverage will provide benefits should a student develop a disability while enrolled as a student.

STUDENT RESEARCH SCHOLARSHIPS AND AWARDS

Most students at the School of Medicine engage in research projects at some time during their period of residence. Many students continue their investigative studies for three consecutive years during summer vacations and elective time of the regular medical curriculum. The results of original research are often published in leading scientific journals and presented at national meetings of scientific societies. Major contributions have been made by medical students participating in the research program at Johns Hopkins and other institutions. Research fellowships are frequently available to them in support of such studies. The stipends of these scholarships vary from \$500 to \$2,000.

Predocctoral Research Program for Medical Students The Predocctoral Research Program provides an opportunity for candidates for the M.D. degree at this institution to spend one year in an intensive research experience with a faculty member of the School of Medicine. Medical students participating in the program may elect to either: 1) interrupt their regular medical curriculum to take an additional year devoted to research, thereby delaying their date of graduation by one year, or 2) aggregate their elective quarters into one consecutive 12 month period in order to graduate with their class. Four stipends equivalent to that of a graduate student plus the individual health insurance premium will be available each year. All participants in the program will be responsible for only four years of tuition. Additional information and application requirements are available from the Associate Dean for Student Affairs.

Class of 1964 Physician of Letters Scholarship To provide scholarship support to students in the School of Medicine on a merit basis, recognizing students with the potential to excel as especially well-rounded physicians.

Harold Lampport Biomedical Research Prize The memory of Dr. Harold Lampport, a distinguished investigator, is honored by this prize established in 1976 by the Lampport Foundation. It is offered in the hope of stimulating interest in research in those students who had not made previous efforts in the laboratory. The

Committee on Student Awards will determine the winner after careful study of essays and papers submitted by the students. The work must be original and must have been performed during a period in which the student was a matriculated student in the medical school pursuing the regular curriculum.

Dr. Harold Lampport Research Fund Mrs. Golden S. Lampport established the Dr. Harold Lampport Research Fund in honor of her husband, a *Distinguished Service Professor of Physiology and Biophysics*. The Lampport Fund will support the effort of medical students interested in research in the basic science areas of medicine.

A renowned investigator and educator, Dr. Lampport contributed to research in physiology, biophysics and circulation. He was first recognized internationally when he published a series of incisive studies of hemodynamics, including the first comprehensive analysis of the renal afferent and efferent arteriolar resistances in relation to kidney function in health and disease.

The Lampport Fund is available on a competitive basis to medical students at the Johns Hopkins University School of Medicine. The awards are to be used in support of a research effort which involves the summer or at least one quarter of the academic year at Johns Hopkins or in other settings which will provide similar opportunity.

W. Barry Wood Student Research Fund The W. Barry Wood Student Research Fund was established in 1971 by the family and friends of Dr. W. Barry Wood, Jr. Dr. Wood had a long association with the School of Medicine as student, house officer, Vice President of the University in charge of medical affairs, and Director of the Department of Microbiology. The fund commemorates Dr. Wood's deep commitment to medical research and teaching. Income from this fund is to be used to support a student in the School of Medicine who is undertaking biomedical research at the Johns Hopkins University or at another appropriate institution. Each Wood Fellow is selected by the Committee on Student Awards on the basis of present commitment and future promise in research.

Brantigan Clinical Research Fund. The fund was established in 1998 by a gift from John W. Brantigan, M.D.. The purpose of the fund is to provide financial support for students to conduct research and/or present their findings at professional meetings.

Henry Strong Denison Fund for Medical Research By agreement dated September 23, 1937, the Johns Hopkins University received from the Henry Strong Denison Medical Foundation, Incorporated, an endowment fund of \$100,000, to be known as *The Henry Strong*

Denison Fund for Medical Research in memory of Henry Strong Denison, M.D., 1908. While the gift is made broadly for the support of medical research, the income will be used for the specific purpose of aiding in the training for research of young people deemed by the medical faculty to be especially gifted for a career in medical investigation.

To fulfill the provisions of this gift, the income each year may be allocated for scholarships to students of the School of Medicine considered by the committee to give promise of achievement in research. These scholarships will be awarded on recommendation of the directors of departments and not upon application from the student.

William L. Straus, Jr., Scholar in Anatomy Award This fund was established in 1982 by an alumnus to honor Dr. Straus, former associate professor of anatomy and Acting Director of the Department of Anatomy. The donor specified that the award be made to a student with strong interests in basic research, people and the history of medicine at the Johns Hopkins University School of Medicine and Hospital.

Franklin Paine Mall Prize in Anatomy The income from an endowment account established by Dr. Miley B. Wesson, an alumnus of the School, is used as an award for a deserving student particularly interested in anatomy. The grant is given in the name of Franklin Paine Mall, the first professor of anatomy in the School of Medicine, as a token of appreciation. Selection is made by the First Year Committee on Student Promotions.

Alan P. Trimakas Award in Cardiovascular Research This award was established by contributions from the Class of 1979 to honor the memory of their classmate who died on January 15, 1979. In keeping with Dr. Trimakas' intentions to pursue a career in academic cardiology, for which he had shown exceptional ability, this award will be given to a medical student who has demonstrated unusual promise in the area of cardiovascular research. The award will be made during the third year for a student planning an extended commitment to a research project to be completed during the final year of the curriculum. The recipient of this award will be selected by a committee representing the Cardiovascular Division of the Department of Medicine. Applications should be admitted to the director of the division.

Helen and Harold Harrison Award for Outstanding Proficiency in Pediatrics This award was established by the Alumni/ae of Dr. Harold Harrison's Residency Program in Pediatrics at the Francis Scott Key Medical Center. It is intended to give honor to the outstanding contributions made by the Harrisons over the many

years of their tenure at the Johns Hopkins Hospital and the Francis Scott Key Medical Center, and it will, in addition, recognize each year senior students whose efforts in pediatrics have been distinguished.

Sylvan Shane Prize in Anesthesiology and Critical Care Medicine Dr. Sylvan Shane, a member of the Department of Anesthesiology and Critical Care Medicine at Johns Hopkins from 1980 to 1984, has created an endowment to recognize an outstanding medical student making a career choice in anesthesiology. Dr. Shane's lifetime was devoted toward the search for ways to prevent pain and suffering in patients undergoing surgical procedures. His generous gift is designed to give support and encouragement to graduating medical students who are committed to the same efforts.

William R. McAlpin Research Fund The purpose of this fund, made possible by a cash award to Dr. Jerome D. Frank from the National Mental Health Association, is to encourage research by students in the Johns Hopkins University School of Medicine and the Johns Hopkins University School of Public Health into any aspect of mental illness and mental health, but with preference given to studies relevant to clinical care, psychotherapy, or public health.

Recipients will be selected by a committee composed of the Chairman of the Department of Psychiatry and Behavioral Sciences of the Johns Hopkins School of Medicine, The Chairman of the Department of Mental Hygiene of the Johns Hopkins School of Public Health, or persons they designate, and Dr. Frank. To apply for a grant, the student must submit a letter to the chairman of either department stating the amount requested and the reasons for the request, with a supporting letter from a faculty member. Requests will be received and reviewed at any time. The amount of any single grant, or the total multiple grants to any one person, shall not exceed \$500.

Leo Kanner Student Research Fund The Leo Kanner Student Research Fund was established in 1982 by Mrs. June Kanner to encourage medical student research in child psychiatry. Dr. Kanner, the first professor of child psychiatry at Johns Hopkins, was division director from 1930 to 1959 and is often called *the Father of Child Psychiatry*. Income from the fund is used to provide a student in the School of Medicine the opportunity to participate in a summer research project with a Child Psychiatry faculty member.

Harry C. Saltzstein Prize for Medical Writing This prize was established in 1990 through an endowment provided by the family of Dr. Saltzstein, a graduate of the Johns Hopkins University School of Medicine, Class of 1914. Dr.

Saltzstein was the founder of Sinai Hospital of Detroit as well as its first Chief of Staff. He founded the *Bulletin*, Sinai Hospital of Detroit and ultimately became its editor. He maintained a life long interest in medical writing. His nephew, Dr. Sidney Saltzstein, graduated from the Johns Hopkins University School of Medicine in 1954. This annual prize will recognize excellence in medical writing by a student of the Johns Hopkins University School of Medicine.

Summer Research Stipends for Medical Students Summer research stipends are awarded each year if funds are available. Funds are at times available from special training and research grants awarded to faculty members of individual departments and from the General Research Support Grant. These stipends may be given to students who are interested in participating in research projects under the supervision of faculty members of the School of Medicine and of certain departments of the School of Public Health and the Homewood Schools. The Johns Hopkins University School of Medicine does not offer stipends for summer research at other institutions, but many medical students are assisted in obtaining support for summer programs of research and study at other institutions in this country and abroad. Updated information is available in the Office of Student Affairs.

YOUNG INVESTIGATORS' DAY

The Young Investigators' Day was established in 1978 to recognize student investigators in the School of Medicine and to provide them with a forum for presentation of their work. All degree candidates and postdoctoral fellows in the School of Medicine are invited to submit abstracts for the following awards:

The Johns Hopkins Medical and Surgical Association Awards for Postdoctoral Investigation were established in 1981 by the School of Medicine to recognize excellence in research by clinical or research fellows in the School of Medicine. These awards are designated for clinical research, laboratory research with direct clinical relevance, and basic laboratory research. The awards for the 2005-2006 academic year were:

The A. McGehee Harvey Research Award. The 2005-2006 recipient was Sangwon Kim, Ph.D.

The Helen B. Taussig Research Award is awarded for clinical research with active or historical patient involvement. The 2005-2006 recipient was Ronald D. Cohn, M.D..

The Alfred Blalock Research Award The 2005-2006 recipient was Yardena Samuels, Ph.D.

The W. Barry Wood, Jr. Research Award is awarded for laboratory research with direct clinical relevance. The 2005-2006 recipient was Atsushi Kamiya, M.D.

The Albert L. Lehninger Research Award is awarded for laboratory research without direct clinical relevance. The 2005-2006 recipient was Sojin Shikano, Ph.D.

The Daniel Nathans Research Award The 2005-2006 recipient was Liqin Zhou, Ph.D.

The Michael A. Shanoff Research Award The award, consisting of an honorarium and a certificate, is made annually to a candidate in the M.D., Ph.D., or M.D.-Ph.D. program in the Johns Hopkins University School of Medicine who, among all similarly eligible students, is considered to have made the most significant research contribution.

The award will be given in recognition of a substantial and sustained contribution to research, preferably undertaken over more than one elective quarter. Thoroughness and originality of research are to be primary considerations in the selection of awardees. Most of the research must have been undertaken during the candidates' studies at the Johns Hopkins Medical Institutions. The award may be shared by two or more students who have collaborated on a research project. If the award committee finds no meaningful way to distinguish between the relative merit of the contribution and achievement of candidates who have worked on different research projects, then the award may be divided equally between such candidates. The awardee(s) will be selected by a committee comprised of members of the Basic Science and Clinical faculties. The recipient for the 2005-2006 academic year was Neenakshi Rao.

The David Israel Macht Research Award This award was established in 1983 through an endowment provided by the family of Dr. Macht to commemorate the centenary of his birth. Dr. Macht was a graduate of the Johns Hopkins School of Medicine, Class of 1906 and was a member of the faculty of the Departments of Pharmacology and Medicine from 1910 to the middle 1930's. He was a versatile and pioneering investigator and had a special interest in opiate alkaloids, the absorption of drugs, and a number of other areas.

The award is intended to recognize excellence in investigation by a student in the School of Medicine, registered in M.D., Ph.D. or combined M.D.-Ph.D. programs. The award will consist of an honorarium and an inscribed plaque.

The selection of the awardee will be made by a Committee composed of Basic Science and Clinical Faculty members on the basis of an essay in medical science submitted in competition for the award. The award will be awarded

annually to a single individual. If in the opinion of the Committee, no meaningful distinction between the qualities of two essays can be made, the award may be divided among not more than two individuals. The recipient for the 2005-2006 academic year was Daniel Bendor.

The Martin and Carol Macht Research Award This award was established in 1993 to recognize outstanding investigation by an M.D. or Ph.D., or M.D.-Ph.D. student in the School of Medicine. Dr. Martin B. Macht, who received both M.D. and Ph.D. degrees from Johns Hopkins, has been a Trustee of the University since 1975. Dr. Macht is an internist who has been affiliated with the University of Cincinnati as Professor of Medicine and Psychiatry. Dr. Carol Macht received M.A. and Ph.D. degrees from Johns Hopkins in the History of Art and Archeology. The award was established through an endowment gift from the Macht family.

The selection of the awardee will be made by a committee composed of basic science and clinical faculty members on the basis of an essay in medical science submitted in competition for the award. The award will be awarded annually to a single individual. If in the opinion of the Committee, no meaningful distinction between the qualities of two essays can be made, the award may be divided among not more than two individuals. The award consists of an honorarium and certificate. The recipient for 2005-2006 academic year was Crista Brawley.

The Paul Ehrlich Research Awards These awards are made annually to candidates in the Ph.D., M.D., or Masters programs in the Johns Hopkins University School of Medicine. They are given in recognition of contributions to research undertaken during the candidate's studies at this institution. The recipients for the 2005-2006 academic year were Shenqin Yao, Tao Wang, and Brad P. Barnett.

The Alicia Showalter Reynolds Research Award This award was created by the School of Medicine Dean's Office in 1997, to honor the memory of Alicia Showalter Reynolds, a Ph.D. student in the Department of Pharmacology and Molecular Sciences from 1992 until her untimely death in 1996. It is given in recognition of outstanding research by a Ph.D. candidate in the School of Medicine. The recipient for the 2005-2006 academic year was Elaine M. Youngman.

The Mette Strand Research Award This award was established in 1998 by Dr. Strand's colleagues and friends as a tribute to Dr. Strand, a Professor of Pharmacology and Molecular Sciences from 1977 to her untimely death in 1997. This award honors Dr. Strand's contributions to humanity, her unyielding devotion to science, and her role in training a generation of

graduate students. Preference is given to a Ph.D. student. The award was awarded at Young Investigators' Day in April 2006 to Chih-Ying Su.

The Hans Joaquim Prochaska Research Award This award was established in 1998 by his mentor and friend Paul Talalay to honor the excellence that Dr. Prochaska exemplified, and the distinction he brought to the Hopkins M.D.-Ph.D. program. This award is awarded annually to a student in the School of Medicine who has made an outstanding discovery with preference given to an M.D.-Ph.D. candidate. It was awarded at Young Investigators' Day in April 2006 to Yingfeng Qiao.

STUDENT FINANCIAL ASSISTANCE

Financial aid for students at the Johns Hopkins University School of Medicine is awarded solely on the basis of demonstrated financial need. The aid program consists of loans from the federal government and University funds, as well as scholarship funds made available through the generosity of many donors. Students who require aid are first awarded a Unit Loan before they are considered for scholarship support, which is reserved for those students with greatest need. The Financial Aid Office is responsible for certifying the eligibility of students for educational loans with deferred interest and long-term payback provisions. The Federal Government is the largest source of educational loans. Financial aid applications will be provided to all admitted students. Financial considerations do not in any way influence admission decisions. Applicants will receive a financial aid award notice shortly after they have submitted a complete aid application. *Foreign applicants who do not hold a permanent resident visa or an immigrant visa are not eligible for the financial aid program from the Johns Hopkins University School of Medicine. Qualified foreign students will be issued conditional acceptances into the School of Medicine under the following terms: on or before July 1 of the year of matriculation the accepted student must deposit in an escrow account to be established in the state of Maryland under terms acceptable to the School funds sufficient to meet all tuition, mandatory fees and living expenses for the anticipated period of enrollment. Details of financial requirements will be included in letters of acceptance.*

Scholarships

Recognizing the pressing need for financial assistance to students in the School of Medicine, many individuals and organizations have established funds for this purpose. Over the years

many students now prominent in the field of medicine have been aided by one or another of these scholarships funds. In each instance the student is informed of the source of this scholarship aid.

Vivian B. Allen Scholarship Fund Mrs. Vivian B. Allen (Mrs. Beaumont Allen) established an endowment fund in 1955 to provide tuition aid to medical students with financial need.

Warde B. Allan Fund Established in 1968 by an anonymous gift to honor Warde B. Allan, M.D. for his eminent record at the School of Medicine and among his private patients. The fund is perpetuated by gifts from his widow, Mrs. Warde B. Allan.

Alumni Class Scholarships Through the auspices of the Medical Annual Fund (Roll Call), alumni support medical students through class scholarship funds.

American Medical Association Education and Research Foundation (A.M.A.-E.R.F.) Scholarships-The A.M.A.-E.R.F. annually makes grants to medical schools, which at the Johns Hopkins University School of Medicine have been used to support student low interest loans.

Marcia Anderson Memorial Fund An endowed fund established in 1989 by the husband, R. David Anderson, M.D., Class of 1990 and her family in memory of Marcia Anderson. The income is to provide scholarships to students with special needs.

E. Cowles Andrus Fund This endowed fund was established by Mrs. E. Cowles Andrus in memory of her husband, Dr. E. Cowles Andrus, a distinguished Johns Hopkins physician, teacher and pioneer in the treatment of cardiovascular disease. In recognition of his devotion to Johns Hopkins, this fund provides financial assistance to needy medical students, with preference given to those who are planning a career in cardiovascular medicine.

Ralph and Ellen Anthony Medical Scholarship Fund Ralph and Ellen Anthony, good friends of the School of Medicine, established the Anthony Medical Scholarship Fund in January of 1984 for the purpose of providing scholarship aid to financially needy students in the School of Medicine.

Richard Westcott Appleton Scholarship Fund An endowment fund was established in 1973 in honor of Dr. Richard Westcott Appleton, the income of which is to be awarded to "a medical student of moral worth and intellectual promise."

Dr. and Mrs. Fred B. Aurin Scholarship Fund Established in 1998 by Fred B. Aurin, M.D. and his wife, this fund will provide scholarship sup-

port for medical students, with preference to those from the University of Oklahoma or Texas.

Charles R. Austrian Fund for Medical Education An endowment fund was established in 1956 by friends and colleagues of the late Dr. Austrian, with income allocated to medical education and training of young physicians.

Robert I. Avery, M.D. Endowed Scholarship Fund This endowment fund was established in 2003 to provide financial assistance to medical students.

David Graham Baird and Mildred Batchelder Baird Memorial Scholarship Fund The endowed fund was established by the Winfield Baird Foundation to perpetuate the memories of David and Mildred Baird. The income from this fund is to be used to support the needs of students in the School of Medicine.

Frances Ward Banks Memorial Scholarship Fund The Frances Ward Banks Memorial Fund was established by Elizabeth B. Banks in memory of her mother. The income from this fund is to be used to support meritorious students in the School of Medicine.

Dr. John W. Barnaby Scholarship Fund This fund was established in 1997 through the estate of Dr. John Barnaby to provide scholarships to deserving medical students.

Jeremiah A. Barondess Scholarship Fund This fund was established in 1999 by Jeremiah A. Barondess, M.D., in honor of his 50th graduation anniversary from the School of Medicine. Recipients should be M.D. candidates who also pursue a degree in the history of medicine.

Jennie Lee Batson, M.D., Memorial Scholarship Fund This fund was established in 1999 by members of the class of 1984 upon their 15th Reunion. Dr. Batson was a member of the class of 1984 who died of cancer. The fund provides assistance to needy students.

Dudley Beaumont Memorial Scholarship In 1945 the Trustees of The Louis D. Beaumont Trust contributed to the Johns Hopkins Hospital a fund in memory of a son, Dudley. The Hospital makes an annual contribution from this fund to the School of Medicine for scholarship support.

Thomas Allen Beetham and Ida Covert Beetham Memorial Scholarship Fund The Thomas Allen Beetham and Ida Covert Beetham Memorial Scholarship Fund was established by Miss Martha E. Beetham to perpetuate the memories of Thomas and Ida Beetham. Miss Beetham specifically requested that the monies in this endowment fund be used for supporting the scholarship needs of students in the School of Medicine.

Elston L. Belknap Family Scholarship Fund

The Elston L. Belknap Family Scholarship was established in July of 1981 by a bequest from Dr. Elston L. Belknap, a graduate of the School of Medicine in the Class of 1923. Its purpose is to provide assistance to deserving students in the School of Medicine, either in the form of loans or as scholarship aid.

Fredericka Benton, M.D. Memorial Scholarship Fund

Established in 1995 by John J. Benton, M.D., this fund is to be used to provide scholarship aid to medical students with demonstrated financial need.

Barnett Berman, M.D. Scholarship Fund

Established in 1999 anonymously by a former student, in recognition of Dr. Berman's long-time service and commitment to Johns Hopkins. Dr. Berman is an associate professor of medicine at Hopkins.

Isidor S. L. Bermann Memorial Fellowship

Established in honor of her husband by the bequest of Mrs. Lillian Hunt Bermann to support fellowships for scientific and medical research for students in the School of Medicine.

Laurence H. and Ida Lea Blackburn Endowed Scholarship for Medical Education

Established in 2000 by Laurence H. Blackburn, Jr., M.D., and his wife, Rose, in honor of his parents. Dr. Blackburn, Jr. is a 1955 School of Medicine graduate.

Dr. Alfred Blalock Scholarship Fund

This scholarship, established by Dr. and Mrs. Thomas Harrold, commemorates the great service to human kind and the many contributions of one of Johns Hopkins' most distinguished surgeons, Alfred Blalock, who developed the blue baby operation designed to correct congenital abnormalities of the heart.

Joseph N. and Elisa Bongiovanni Medical Student Aid Fund

This endowed fund was established in 1987 by the estate of Dr. Alfred M. Bongiovanni in honor of his parents. Dr. Bongiovanni was a member of the faculty in the Department of Pediatrics from 1952 to 1955. The income from the fund is to provide financial aid to needy students in the School of Medicine.

Samuel H. Brethwaite, M.D. Scholarship Fund.

Dr. Brethwaite was a member of the Class of 1935. The fund was established by his estate in 1998.

William and Wendyce Brody Fund

This fund was established in 1992 to fund medical students pursuing a degree in one of the engineering disciplines.

Dr. Patrick and Mrs. Judith Brookhouser Scholarship Fund

Established in 1999 by Dr.

& Mrs. Brookhouser to provide scholarships to needy medical students.

Grafton Rayner Browne and Edna Spriggs Browne Scholarship Fund Dr. Grafton Brown died in 1973, leaving a Trust to provide scholarships for Hopkins medical students.

Art Buchwald Scholarship Fund Established by Mr. Art Buchwald in 1989 in honor of the Centennial of Johns Hopkins Medicine. The income from this fund will provide scholarships for students in the School of Medicine who demonstrate financial need.

Harlan P. Burbage Fund Established in 1989 by the Ernest E. Burbage, Jr. Trust Fund. The income from this trust is to provide scholarships to pre-medical and medical students who, due to financial need, could not otherwise attend The Johns Hopkins University.

Alden H. and Mary K. Burkholder Scholarship in Medical Education This fund was established in 1996 by Dr. and Mrs. John A. Burkholder to provide scholarships for qualified medical students.

Laura L. and Kenneth I. Berns, M.D., Ph.D. Scholarship Established in 1999 to commemorate Dr. Berns' 35th reunion and his lifelong devotion to medicine.

Douglas G. Carroll, Jr. Student Aid Fund Established in 1976 by Dr. Douglas G. Carroll, Jr. to provide financial aid to deserving students in the School of Medicine.

David J. Carver Scholarship Fund An endowed scholarship was established in 1957 by Dr. David J. Carver for students in the School of Medicine. Chinese students are to have preference insofar as there may be qualified applicants; second preference is for students of other Asian nationalities; third preference is for American students.

Centennial Scholarship and Loan Fund Established in 1989 by the Johns Hopkins Medical and Surgical Association to commemorate the Johns Hopkins Medical Centennial. The fund is to be used to aid deserving students in the School of Medicine.

Jerry and Ruth Chang Scholarship Fund This fund was established in 2003 by Helena Chang Chui, M.D. to honor her parents, Jerry and Ruth Chang. Income from principal will be used to provide scholarship assistance to medical students. Special consideration is given to students that are pursuing an Master's in Public Health.

Dean Alan M. Chesney and Dean Thomas B. Turner Scholarship Fund Established by friends and admirers of Dr. Alan M. Chesney

and Dr. Thomas B. Turner to be used for scholarships for deserving medical students.

Class of 1915 Memorial Fund A fund established through gifts and bequests from and as a tribute to the Class of 1915 for the purpose of awarding scholarship aid to a deserving student or students at the Johns Hopkins University School of Medicine.

Class of 1926 and Charles O'Donovan Scholarship Fund This fund was established in 1950 by members of the School of Medicine Class of 1926 to provide income for a scholarship.

Class of 1936 Fund Established in 1987 by the Class of 1936, this endowed fund is to provide scholarships for students in the School of Medicine.

Class of 1937 Philip Bard Scholarship Established as an endowed fund by the Class of 1937 in 1987 in honor of their 50th Reunion. The income is to provide scholarships to needy medical students in the School of Medicine.

Class of 1956 Memorial Fund Endowed in 1971 by members of the Class of 1956, the income to be used to provide scholarships to medical students with financial need.

Class of 1965 Scholarship Fund Endowed by the members of the Class of 1965 in honor of their 25th Reunion, the income to provide scholarships to needy medical students.

Class of 1966 Scholarship Fund Endowed in 1989 by the members of the Class of 1966 in honor of their 25th Reunion, the income to provide scholarships for needy medical students.

Class of 1976 Scholarship Fund Endowed by the members of the Class of 1976 in honor of their 25th Reunion, the income to provide scholarships to medical students exhibiting financial need.

Class of 1978 Scholarship Fund Endowed by the Class of 1978 to commemorate their 25th Reunion; the income will provide scholarships to needy medical students in the School of Medicine.

Class of 1980 Scholarship Fund Dr. John T. Thompson and other Class of 1980 School of Medicine alumni established the Class of 1980 Scholarship Fund in 1995 to provide scholarship aid to financially needy medical students.

Class of 1983 Scholarship Fund This fund was created by members of the Class of 1983 upon their 15th Reunion to provide assistance to needy medical students.

Class of 1986 Scholarship Fund Endowed by the members of the Class of 1986 to commemorate their 15th Reunion, the income to

provide scholarship assistance to needy medical students in the School of Medicine.

William A. Crawley, M.D., D.D.S, M'79 Endowed Scholarship Fund Established in 2004; the income is to be used to provide financial assistance to worthy students in the School of Medicine.

Richard S. D'Agostino, M.D. Endowed Scholarship Fund This fund was created by Dr. D'Agostino, Class of 1978, to honor his devotion to medicine and his lifetime affiliation with the School of Medicine. Income from this fund will provide financial assistance to medical students at the School of Medicine.

Virginia Wells Davies Fund The Virginia Wells Davies Fund was established by Virginia Wells Davies in November of 1981. Its purpose is to provide scholarship assistance to financially needy students pursuing the degree of Doctor of Medicine.

Marguerite T. Doane Scholarship Fund Mrs. Marguerite T. Doane established an endowment fund in 1952 to provide tuition aid to certain students with financial need.

The Oscar and Victoria Dorsch Scholarship for Medical Education This fund was established in June 2003. Income from the principal will be used to provide financial support for medical students in the School of Medicine.

Victoria S. Doust, M.D. Scholarship Fund Established in 1999 by Brewster C. Doust, M.D., Class of 1951. The fund is a tribute to his wife, Victoria.

Denise Dufer, M.D. Memorial Fund Established in 1990 by the family, friends, and colleagues of Dr. Denise Dufer, Class of 1988. This endowed fund is to provide scholarships to needy medical students.

Marcia Thomas Duncan Memorial Scholarship This scholarship, established in 1980 in memory of Marcia Thomas Duncan, is awarded annually to a first year medical student. In addition to a four-year scholarship covering tuition and fees, the Duncan Scholar receives a small monthly stipend to offset living expenses while in medical school.

Joseph C. Eggleston Memorial Fund An endowed fund established in 1989 by family, friends and colleagues of Dr. Joseph Eggleston, Class of 1962. Dr. Eggleston served on the medical staff in pathology from 1962 to 1989. The income is to provide scholarship assistance to needy medical students in the School of Medicine.

Robert Biggs Ehrman Scholarship Fund Established in 1970 at the death of Mr. Ehrman to provide scholarships for medical students.

Ralph Engle Memorial Scholarship Established in 2000 by friends and family in memory of Dr. Engle, Class of 1945. Dr. Engle previously served as his class representative.

Epps Family Fund Established in 1999 by Charles H. Epps, Jr., M.D., and Roselyn Payne Epps, M.D., M.P.H., M.A. The Epps family has extensive connections to Johns Hopkins and wishes to acknowledge the importance of the University in their lives. The fund was established in honor and memory of various family members.

Jean Epstein Memorial Fund This endowment fund was established in 1985 by Mr. and Mrs. Alvin Epstein and the Alvin and Louella Epstein Foundation. The income from this fund provides a scholarship to deserving women who have an interest in neurology.

Mrs. Richard P. Ettinger Scholarship Fund Established by Mrs. Ettinger to provide scholarship assistance for students in the School of Medicine.

Dorothy A. Evans Graduate Research Fellowship Fund The fund was established to endow graduate fellowships for research in any field.

Larry Evans Student Aid Fund Scholarship Fund This fund is in memory of Larry Evans to assist students with special interest in the area of drug addiction.

Eugenio Fernandez-Cerra, M.D. Scholarship Fund This fund was established in 1999 by Dr. Eugenio Fernandez-Cerra, a 1943 alumnus of the School of Medicine. Preference is given to students from Puerto Rico.

Dr. Edward M. Finesilver Memorial Scholarship Fund This fund was established in 1999 by Mrs. Frances Blumenthal in memory of her father, an alumnus of the Class of 1924.

Warfield M. Firor Fund An endowed scholarship established in 1989 by the estate of Mrs. Thomasena Allen. The income is to provide financial aid to needy medical students.

Fischer Family Scholarship for Medical Education This scholarship fund recognizes the Hopkins family legacy of Janet Fischer, M.D., Class of 1948; Newton Fischer, M.D., former faculty in Otolaryngology; and Anne Crowe Fischer, M.D., Ph.D., Class of 1991. The purpose of this endowed fund is to provide financial assistance to medical students.

Waldo Emerson Floyd III Scholarship Fund The income from this endowment account is to be used for scholarship support for needy students. Students from the state of Georgia are to have preference insofar as there may be qualified applicants: second preference will be

given to students from the southeastern part of the United States.

Eric W. Fonkalsrud, M.D. and Margaret Z. Fonkalsrud Endowed Scholarship Fund This fund was established in 2002 by Eric W. Fonkalsrud, Class of 1957, and his wife, Margaret Fonkalsrud. The couple has a life-long affiliation with the Johns Hopkins School of Medicine. Dr. Fonkalsrud served on the faculty in the School of Medicine's Department of Surgery and as a surgeon at the Johns Hopkins Hospital. The income from this fund will provide financial support to medical students who have demonstrated financial need.

Sharon Fox Scholarship Fund in Memory of Henrietta B. Fox An endowment fund established in 1967 under the will of Mr. Sharon Fox in memory of Henrietta B. Fox, the income from which is to be used for student aid in the School of Medicine.

Bernard S. French Scholarship Fund Established as a bequest from the estate of Sallye Lipscomb French as a memorial to her husband, Bernard S. French, to provide scholarship support at the School of Medicine.

Dr. Gottlieb C. Friesinger II Endowed Scholarship This fund was endowed in 1996 by Dr. Gottlieb C. Friesinger II to fund a scholarship for students at the School of Medicine.

I. Phillips Frohman, M.D. Scholarship Established in 2000 by a gift from Dr. Frohman.

Bernice and Joseph Fuld Memorial Scholarship Fund This fund was established in 1998 by Stuart L. Fuld, M.D., Class of 1963, and Ulrike L. Fuld. The income is to be used for financial assistance to medical students.

Dr. J. Alex and M. Arlene Gardner Scholarship Fund This fund was established in 1996 by Dr. and Mrs. J. Alex Gardner to provide scholarship support to students in the School of Medicine, preferably to any acceptable candidate applying for admission to the Johns Hopkins University School of Medicine, from southwestern Michigan.

Dr. and Mrs. Abraham Genecin Memorial Fund This fund was established in 1999 by Mrs. Rita Genecin and other donors to provide assistance to needy medical students.

Gilliam Family Scholarship Fund This endowed fund, established in 2001 by the Gilliam Foundation and Mr. James H. Gilliam, Jr., is to provide financial assistance to Morgan State University graduates enrolled at the Johns Hopkins University School of Medicine who have demonstrated need.

The Anita Desch Gipe Memorial Scholarship Established in 1999 by the estate of R. Norman

Gipe of Heathsville, Virginia, in memory of his wife.

Maurice H. Givens-David E. Rogers Scholarship Fund Established by a gift from the estate of Dr. Maurice H. Givens to provide scholarships for students in the School of Medicine.

Emil Goetsch Fund for Medical Students The income from this endowment, established in 1963, is used for scholarships for medical students.

Morton F. Goldberg, M.D. Scholarship Fund Established to honor Dr. Goldberg's (Class of 1975) leadership at the Wilmer Eye Institute. Income from this fund will be used to provide assistance to deserving medical students.

David Goldfarb Family Endowment Established in 1995 by David Goldfarb, M.D., this fund is to be used to provide scholarship assistance to medical students with financial need.

Lillian Ruth Goldman Scholarship Fund Established in 1986 as a bequest from the estate of Lillian Ruth Goldman to provide scholarship assistance to needy and deserving medical students.

Gerald L. Gordon and Florence J. Gordon Memorial Fund The fund was established in 1998 by the estate of Florence Gordon. It is to be used for the education of medical students specializing in the study of arthritic diseases, or for research in that field.

Scholarship Fund in Memory of Leonard L. Greif This fund was established in 1957 as an endowment, with income to be allocated to aid deserving students in the School of Medicine.

Norman M. and Eleanor H. Gross Scholarship Fund This fund was established in 2002 by the Norman M and Eleanor H. Gross Trust. Mr. and Mrs. Gross were well known for their care and compassion for others. The Norman M. and Eleanor H. Gross Scholarship Fund provides financially needy students the opportunity to pursue their education at the Johns Hopkins Medical School.

Gorham Family Scholarship for Medical Education Established in 2000 by George W. Gorham, M.D., class of 1954. It recognizes the legacy of George E. Gorham and L. W. Gorham both medical graduates of the Class of 1910.

Helen L. and William D. Guynn Memorial Scholarship Fund Established in 1995 by Dr. Robert W. Guynn, the income from this fund will be used to provide scholarship assistance to needy medical students.

Richard D. Hahn Scholarship Fund This endowment fund was established in 1980 by the Myers Family of Baltimore to recognize the com-

petence and compassion with which Dr. Hahn, a member of the Class of 1936, serves his patients. The income from this fund provides a scholarship to a third year medical student who intends to specialize in internal medicine.

Rowena Sidbury Hall, M.D., Scholarship This fund was established in 2002 by Rowena Sidbury Hall, Class of 1943 (February), of Silver Spring, Maryland. She served as a member of the faculty in the School of Medicine's Department of Pediatrics and as a pediatrician at the Johns Hopkins Hospital. Preference in award of the scholarship is given to women interested in pediatrics.

Louis Hamman Memorial Scholarship This is an endowed scholarship in memory of the late Dr. Louis Hamman, a graduate of the School of Medicine and for many years a devoted member of the medical faculty. It was established in 1950 through gifts from many of Dr. Hamman's friends. The income is available for a scholarship for a medical student whose financial need and developmental promise justify such an award.

Isabella Harrison, M.D. Scholarship Fund for Medical Education This fund was established in 1999 by Dr. Harrison, a 1938 graduate of the School of Medicine. It is to be awarded to female students interested in surgery.

Charles L. Hartsock Memorial Scholarship Fund This scholarship was established in 1961 in memory of Dr. Charles L. Hartsock, Class of 1920, by members of his family and friends to provide aid to needy and worthy medical students.

Morrison Leroy Haviland Scholarship Fund Established in 1988 by Dr. James W. Haviland and his brother Morrison C. Haviland in honor of their father, Morrison Leroy Haviland, a member of the Medical School Class of 1902. This income is to be used for needy medical students.

Dr. George and Catherine Hayes Scholarship Fund This fund was established in 1994 by Dr. and Mrs. George J. Hayes to provide scholarship assistance to needy medical students.

Edward C. Held, M.D., Scholarship Fund This fund was established in 1996 by Mrs. Helen Duryea to provide support to students in the School of Medicine who have demonstrated financial need.

John Helfman Scholarship Fund Established as a bequest from the estate of John Helfman to be used for loans or gifts to needy students in the School of Medicine.

Margaret A. Hicks Medical Research Scholarship Fund A fund was established in 1972 to

be used for scholarships for students who are preparing for work in medical research.

Frank Norman Hillis, Jr. Memorial Scholarship in Medical Education This endowment fund was established in 2002 by Panamerican Consulting International, Ltd. This gift is in memory of Frank N. Hillis, Jr. (d '99), who was founder of Panamerican Consulting Ltd. Preference is given to students from either Florida or Maryland who wish to specialize in the field of cardiology.

Dorothy D. Hoelzer Scholarship Fund This fund was established in 2002 by the estate of Dorothy D. Hoelzer (d '02) to be used for scholarships for students who would not be able to attend Johns Hopkins Medical School without financial assistance.

Jesse W. and Emma Dieringer Hubbard Memorial Scholarship Fund Established in 1992 by Dr. Jesse Donald Hubbard and his brother Dr. John Stanley Hubbard in memory of their parents. This income is used for scholarship aid to needy medical students in the School of Medicine.

George Skaife and Fredericka Louise Hughes Family Scholarship This scholarship was established in 1998 by Mr. William Hughes and Ms. Gail Hughes Deets. It provides scholarship support for students with an interest in geriatrics.

Evelyn H. Hurlburt and Irene H. Sluckis Scholarship Fund This fund was established in 1997 by Mr. Charles O. Banks and Ms. Irene Sluckis to provide scholarship assistance in the School of Medicine.

Waddie Pennington Jackson Scholarship Fund This scholarship fund was established in 1963 by Dr. W. P. Jackson, Class of 1917, in memory of his wife, Bessie Gills Jackson, income from which is to provide scholarship support for needy students in the School of Medicine.

Edwin Bosley and Dorothy Duncan Jarrett Memorial Fund for Medical Scholarships Established in 1977 by a gift from Mr. and Mrs. Edward Foss Wilson in honor of Dr. Edwin B. Jarrett, a distinguished graduate, to provide endowed scholarships to worthy students in the School of Medicine.

William H. Jarrett II Scholarship Fund This fund was established in 1993 by Dr. William H. Jarrett II, a graduate of the Johns Hopkins University School of Medicine 1958, in honor of his 35th anniversary class. The scholarship monies will be made available to financially needy medical students to help defray their costs of medical education.

Dr. Nancy Jenison Scholarship Fund

Through a generous bequest from Dr. Nancy Blanche Jenison, a member of the Class of 1911, a scholarship fund was established in 1963 to provide financial assistance for deserving women medical students.

The Johns Hopkins Hospital Women's Board Scholarship Fund The Women's Board of the Johns Hopkins Hospital makes an annual contribution to the School of Medicine to provide financial assistance to deserving students.

The Johns Hopkins Medical and Surgical Association Scholarships These scholarships are provided annually by The Johns Hopkins Medical and Surgical Association. Each year the Association designates for honor distinguished former members of the Johns Hopkins medical community.

Morris Joseph Medical Residence Fund Dr. Morris Joseph has created a scholarship fund to defray the cost of a room in Reed Hall for a deserving medical student.

Dr. Thomas J. Kennedy, Jr. Scholarship Fund In honor of Dr. Kennedy's 50th Class Reunion, this fund was established in 1993 to provide scholarship assistance to financially needy students in the School of Medicine.

Dr. John T. King, Jr. Scholarship Fund Established in 1978 by a gift from Dr. John T. King, Jr., one of Johns Hopkins' most distinguished physicians for more than six decades, to provide endowed scholarships for medical students.

Herbert Koteen, M.D. Scholarship Fund This fund was established in honor of Dr. Koteen upon his eightieth birthday by his family. The income is to be used for scholarship aid to financially needy students in the School of Medicine.

Milton B. Kress Scholarship Fund Established in 1987 by a bequest from the estate of Milton Kress. The income from this endowed gift is to be used as scholarships for needy students in the School of Medicine. The students and amounts of each scholarship is to be selected by the Dean of the School of Medicine.

Louis F. Krumrein, M.D. Scholarship Fund Established as a bequest from Dr. Louis F. Krumrein, Class of 1918, for the benefit of deserving students who could not otherwise afford a medical education.

Oliver and Elizabeth Laster Scholarship for Medical Education This fund was established in 2001 by Oliver and Elizabeth Laster of Hewlett, New York. This fund honors their children, Andrew J. Laster, A&S 1975, Med. 1979; Steven Laster, Med. 1986; and Geraldine Laster Macomber; and memorializes their parents, Alan and Caroline Laster and Dr. Bernard and

Hannah Aschner. Drs. Andrew and Steven Laster served as members of the Johns Hopkins Hospital staff in the Department of Medicine. The income is to be used to help medical students finance their education.

Dr. Maurice Lenarsky Scholarship Fund This fund was established in 1991 by Jane Lenarsky in honor of her father Dr. Maurice Lenarsky upon his eightieth birthday. The income is to be used for scholarship aid to financially needy medical students with preference given to fourth year students with an interest in pediatrics.

Eleanor I. Leslie Fund Established to provide aid to graduate students in the School of Medicine.

Dr. Martin Macht and Dr. Joseph Spaulding Scholarship This scholarship was established by Mrs. Ruth Spaulding in memory of her son, Joseph Spaulding, Jr. and in honor of Dr. Martin Macht, an alumnus of the School of Medicine. This fund is to provide a financial needy student in the School of Medicine through the four years of study.

John I. Mandler, M.D. and Marilyn S. Mandler, R.N. Scholarship for Medical Education This scholarship fund will be used to support a medical student with financial need.

Rex R. Martin, M.D. and Ann Y. Martin Scholarship Fund Established in 2000. Dr. Martin is a 1950 graduate of the School of Medicine. This fund is in honor of his 50th graduation anniversary.

Bessie Darling Massey Scholarship Fund for Medical Students Established in 1967 at the death of Mrs. Bessie Darling Black Massey; the income is to be used for scholarships in the School of Medicine.

Keith D. Maxwell, M.D., Memorial Scholarship Fund This fund was established in 1999 by members of the Maxwell family and other members of the Class of 1973 in honor of their 25th Reunion. Funds provide scholarship support to needy medical students.

Manfred Mayer Scholarship Fund Established in 1985 by the colleagues and friends of Dr. Manfred Mayer to provide scholarships to support needy medical students with special consideration given to displaced persons or refugees.

John Scott McFarland Scholarship Fund An endowment fund established in 1965 under the will of Dr. John S. McFarland, a member of the Class of 1902. The income from the fund is to be used to assist worthy students in the School of Medicine.

Robert S. McGraw Scholarship Fund This scholarship was established by The McGraw

Foundation in April 1983 with the purpose of providing assistance to financially needy students in the School of Medicine. It honors Dr. Robert S. McGraw, who was a member of the Class of 1954.

Dr. Victor A. McKusick Scholarship Fund This fund was established in 1974 by an anonymous donation to honor Dr. Victor A. McKusick. The income is to be used to support financially needy students in the School of Medicine.

Dr. Edwin Leonard McQuade Scholarship Fund The income from this endowment, established in 1954, is used for scholarships for medical students.

Dorothy Reed Mendenhall Scholarship Fund An endowment fund, to provide an annual scholarship to a deserving woman medical student, was established in 1957 by members of the family of Dr. Dorothy Reed Mendenhall.

Rose Meinhardt Fund An endowed scholarship established by the estate of Rose Meinhardt to provide assistance to needy, deserving and outstanding students who wish to pursue a career in medical research.

H. Houston Merritt Scholarship Fund Established in 1990 with a gift from the estate of H. Houston Merritt, this fund provides scholarship aid to students in the School of Medicine. Preference is given, whenever possible, to students from the state of North Carolina.

Adolf Meyer Scholarship Established by a former student of Dr. Adolf Meyer, to be used for scholarship aid for students of the School of Medicine.

Mildvan Alumni Endowed Scholarship Fund This fund was established in 2003 by the Mildvan family to honor their devotion to medicine and help needy M.D. or M.D./Ph.D. students in good standing at the School of Medicine.

Orville and Kathryn Miller Scholarship Fund An endowment fund established in 1965 by Mrs. Orville R. Miller and her son, Mr. Orville Miller, of Portland, Oregon. The income from this fund is to be used to assist students in the Five Year Program with preference to be given to students from the state of Oregon.

Daniel L. Moore, M.D. Scholarship Fund The scholarship was established in honor of Dr. Moore's 35th School of Medicine Reunion, with income to be used to provide scholarship assistance to financially needy medical students.

Dr. L. F. Morawetz Scholarship Endowed Scholarships in memory of the late Dr. L. F. Morawetz are available to students in the School of Medicine who are in need of financial support.

William W. More Memorial Scholarship Fund Established in 1995 by Dr. Thomas H. Powell to provide scholarship support to needy students in the School of Medicine.

M. Sandra Morse Scholarship Fund This fund was established in 1993 by M. Sandra Morse to show gratitude for the joy the medical school students had given her during her 29 year tenure as Director of Financial Aid. The endowment income is to be used to provide assistance to financially needy students in the School of Medicine.

Morris J. Moskowitz, M.D. Scholarship Established in 2000 by the estate of Morris J. Moskowitz, M.D., who was a member of the School of Medicine Class of 1922.

Dr. Donald G. and Barbara Mulder Scholarship Fund In 1995, Dr. and Mrs. Donald Mulder established this endowment fund to provide scholarships for needy medical students.

Leslie E. Myatt, M.D. and Marion D. Myatt Memorial Scholarship Established by the estate of Mrs. Myatt, in memory of her and her spouse, Leslie, School of Medicine Class of 1921.

Jesse Myers Scholarship Fund Established in 1971 in memory of Jesse Myers, who was killed in an automobile accident while he was a First Year student in the School of Medicine. The fund is to be used to assist minority students at the School of Medicine.

James F. Nabwangu, M.D., Scholarship Fund Established in 1996 by James F. Nabwangu, M.D., to fund a scholarship for students at the School of Medicine.

Russell A. Nelson Scholarship Fund This fund was established in 2002 by Russell A. Nelson, M.D. 1937, of Naples, Florida and his wife, Ruth J. Nelson, Nurs. 1937, through the Russell A. and Ruth J. Nelson Trust and the Ruth J. Nelson Trust. Dr. Nelson served as a hospital trustee, a faculty member in the Department of Medicine at the School of Medicine, and as president of the Johns Hopkins Hospital. Dr. and Mrs. Nelson both died in 2001. This fund provides scholarship assistance to deserving medical students in the School of Medicine.

Nu Sigma Nu Medical Student Scholarship Fund was established in 1985 at the direction of Dr. William Hillis, an alumnus of the School of Medicine and a former member of our faculty. The income is to be used for scholarships to students in the School of Medicine, and it gives recognition to the past contributions of the Nu Sigma Fraternity to the community of the School of Medicine.

Peter D. Olch, M.D. Memorial Scholarship Fund Established in 1995 by Oliver N. Mas-

sengale, M.D., this fund is to be used to provide scholarship assistance to medical students with demonstrated financial need.

Dr. E. Paul O'Sullivan Scholarship Fund This fund was established in 1993 by Dr. E. Paul O'Sullivan, a graduate of the School of Medicine in 1943, to provide scholarships to financially needy medical students.

Parents Fund for Medical Students Endowed in 1990 by parents of medical students with financial need.

Sheila S. and Dr. Lawrence C. Pakula Scholarship for Medical Education This scholarship was established in 1999 through a gift from Dr. Lawrence C. Pakula and Mrs. Sheila S. Pakula.

The Emanuel and Patricia M. Papper Scholarship This fund was established to provide tuition scholarships to medical students.

Gertrude Willis Parker and Edward Milton Parker Endowed Scholarship Fund Established in 1996 by Ronald E. Parker, M.D., to provide scholarship support to students in the School of Medicine.

Edwards A. Park Scholarship Fund An endowment fund, established by friends, former students, and professional colleagues of Dr. Park at the time of his eightieth birthday, December 30, 1957, with income allocated to student scholarships in the School of Medicine.

Dr. John W. and Isabella Hunner Parsons Scholarship Fund An endowment fund was established in 1969 to provide financial assistance to needy and worthy students in the School of Medicine. The fund was established by Mrs. Roger G. Walker in memory of her late parents, Dr. John W. and Isabella Hunner Parsons and their devotion to and lifelong involvement with the Johns Hopkins University. Dr. Parsons, the recipient of B.A. and M.D. degrees from the John Hopkins University, was an internist, allergist and member of the School of Medicine faculty. Mrs. Parsons was a Baltimore portrait painter whose paintings hang in the Johns Hopkins University and Hospital.

Samuel H. Payne Scholarship Fund This endowment fund was established by Mr. Mosby H. Payne to honor the memory of Samuel Payne and to provide scholarships for deserving students from the state of Virginia.

Willis C. Penney Memorial Scholarship Fund An endowment fund was established in 1986 by Della N. Penney and Susan E. Penney to provide financial assistance to needy and worthy students in the School of Medicine.

Virginia Romberger Reber Pettijohn Scholarship Fund Established in 1995 by the Estate

of Virginia R. R. Pettijohn, this fund is to be used to provide scholarship assistance to medical students with financial need.

Giacomo and Jan Pirzio-Biroli Scholarship Fund This fund was endowed in 2001 by the estate of Giacomo Pirzio-Biroli, Class of 1951, and his wife, Jan M. Pirzio-Biroli of Mercer Island, Washington. Prior to his death in 1998, Dr. Pirzio-Biroli often expressed his gratitude for the medical education he received after World War II from the Johns Hopkins University School of Medicine. The establishment of this fund, in his memory, will assist future generations of medical students to experience similarly enlightened medical education in the tradition of Johns Hopkins.

Gregory L. Plock Memorial Scholarship Fund Family, friends, and former classmates established this endowed fund in 2002 in memory of Gregory L. Plock, M.D. 1987, to create a lasting legacy of their friend and classmate. The fund provides financial assistance to deserving students in the School of Medicine.

Warner M. and Lora Kays Pomerene Fund Established in 1980 with a gift from the estate of Warner M. Pomerene, this fund provides scholarship aid to students in the School of Medicine. Preference is given to the extent possible, to students who plan to become general practitioners in the field of family medicine.

Jeanette B. and Loring W. Pratt Scholarship Fund The income from this endowment, established in 1993, is used to provide scholarships for students in the School of Medicine.

Radiology Fund for Medical Students Scholarship The Russell H. Morgan Department of Radiology and Radiological Science has established a scholarship fund for medical students which is enhanced from time to time by donations deriving from the earnings of the department.

Harry A. Raider Scholarship Fund Established by Mr. Raider to pay the tuition and/or other expenses of worthy students enrolled in the School of Medicine.

Rita Meena Raju Memorial Scholarship for Medical Education Established in 1999. Rita Meena Raju entered Johns Hopkins Medical School in 1993, and died suddenly after a brief illness in 1995. The purpose of this fund is to provide scholarship support to students who exemplify the highest ideals in the medical profession. Donors to the fund include her family and friends.

Randall Scholarships The scholarship fund was endowed in 1961 by an alumnus of the School of Medicine who wished to remain anonymous. The purpose of the Randall Schol-

arships is to assist able and deserving medical students in a low income bracket. To qualify for renewal of these scholarships, students must maintain academic standing in the highest third of the class.

Rosemarie Hope Reid, M.D. Memorial Fund This fund was established in 1994 in memory of the School of Medicine 1992 graduate Rosemarie Hope Reid by her family, friends, and former classmates. The income is to be used to help medical students finance their educations.

Ferdinand O. Reinhard Medical Scholarship These are endowed scholarships made possible in 1951 by a bequest from the late Dr. Ferdinand O. Reinhard, a graduate of the School of Medicine.

Herbert Remmer Memorial Scholarship Fund This endowment fund was established by Hilda Remmer in 1986. The income from this fund provides scholarships for medical students with preference given to Jewish students.

Dr. Maurice L. Richardson Fund Established as a bequest from the estate of Dr. Maurice L. Richardson. The income from this fund is to be used for scholarships for worthy students in the School of Medicine.

C. Alvin Riebling Scholarship Fund A gift from Dr. Jean Riebling Sherman, in memory of her father, to provide partial tuition for a student in the School of Medicine.

Louis M. Rosenfeld Scholarship Fund Established in 1990 by the Estate of Madalyn Schwentker Rosenfeld, this fund in memory of Louis M. Rosenfeld's father, Jesse Rosenfeld, his mother, Rose R. Rosenfeld, and his sister, Carolyn Rosenfeld, is to be used to provide students residing in the state of Maryland with scholarship support.

Florence Rena Sabin Scholarship Fund The Johns Hopkins Women's Medical Alumnae Association, Incorporated established this fund in 1959 in memory of an eminent graduate of the School of Medicine, Class of 1900. The income is available for scholarships for deserving women medical students of academic distinction and promise, preferably a student entering the first year.

Arun B. Sapre, M.D. Memorial Scholarship Fund An endowed fund established in 1996 by Mrs. Arun B. Sapre, family, friends, and colleagues of Dr. Arun B. Sapre. The income is to provide scholarship assistance to needy medical students in the School of Medicine.

Morris Schapiro Scholarship Fund An endowment was established by the Morris Schapiro and Family Foundation in February, 1954, to aid needy, promising students. This

gift was in commemoration of Mr. Morris Schapiro's seventieth birthday.

Oscar B. Schier Fund for Medical Student Aid This endowment was established with a gift from the estate of Ida F. Schier in memory of her brother, a Baltimore dairyman and national authority on the handling of milk. The income from this fund provides scholarship aid for financially needy medical students.

Ottilie Schillig Scholarship Fund The monies for the Schillig Scholarship Fund were dedicated during her lifetime by Ottilie Schillig. She asked that this fund be used to provide scholarships for deserving young students and to assist them in obtaining an education as doctors of medicine.

School of Medicine Alumni Scholarship Fund Income from an endowment provided by graduates of the School.

School of Medicine Scholarship Fund By action of the Board of Trustees of the Johns Hopkins University, a capital sum of \$400,000 has been set aside, the income from which is to provide financial assistance to needy and deserving students.

Henry M. Seidel, M.D., Scholarship Fund was established by the Class of 1984 and endowed by gifts from the Classes of 1978-1990 to honor Dr. Henry M. Seidel, Associate Dean for Student Affairs. An alumnus of the Class of 1946, Dr. Seidel is recognized for his outstanding service to the students in their career development. The fund will provide scholarships to needy students in the School of Medicine.

Ezra S. Shaya Fund An endowed fund established by Dr. Ezra S. Shaya, Class of 1954. The income is to provide scholarships to needy medical students.

Daniel Marsh Shrewbrooks, M.D. Memorial Loan Fund was established to commemorate the life of Dr. Daniel Marsh Shrewbrooks, a member of the Class of 1915. Its purpose is to provide a loan resource for "deserving and needy students of the Johns Hopkins School of Medicine."

Andrew Watson Sellards Graduate Traveling Research Fellowship Fund Established for the purpose of providing traveling scholarships or fellowships for clinical study and observation or for investigation in Latin America or perhaps at times in the Orient, especially the Philippines.

Dr. Barnard E. Simon and Bitten H. Simon, R.N. Scholarship Fund Established in 2000 through the estate of Dr. Barnard E. Simon to provide scholarships for medical students. Dr. Simon, Class of 1937, was a plastic surgeon

whose work with the Hiroshima Maidens, after World War II, won him international acclaim.

J. Morris Slemons Scholarship Fund Established by a bequest from Anne G. Slemons to be used for scholarships for medical students.

Elizabeth A. Small Endowment Fund The fund was established by Elizabeth Anne Small, M.D., to provide scholarship support for women who are interested in dermatology.

Herbert Sloan, M.D. and Doris Edwards Sloan Scholarship for Medical Education This scholarship fund was established in 2003. Income from this fund will provide financial support for deserving medical students.

Wladimir Solowiej, M.D. Scholarship Fund This endowment fund was established with a gift from the estate of Dr. Wladimir Solowiej, a Baltimore physician who emigrated from Poland. Although he was never on the staff, Dr. Solowiej nevertheless had high regard for Johns Hopkins. The income from this fund provides two scholarships, one in his name and one in the name of his sister, Augenia Zebrowska.

Alberta Speaks Scholarship Fund Established in 1986 as a bequest from the estate of Alberta Speaks to provide scholarship assistance for needy black students.

Lisa Marie Sprague Memorial Scholarship Established in 1998 by Arthur Sprague, Class of 1960, and Mrs. Sprague in memory of their daughter.

Paul Luther Stine Memorial Scholarship Fund Established in 1996 from the Estate of Mildred C. Stine, to provide scholarship support to students in the School of Medicine, preference to be given to otherwise eligible applicants who are graduates of Brunswick High School, Frederick County, Maryland, residents of Frederick County, Maryland, or residents of the State of Maryland.

Barry and Evelyn Strauch Scholarship Fund Barry S. Strauch, A&S 1962, Med. 1965, and his wife Evelyn M Strauch established this fund to commemorate his 35th class reunion. Their gift reflects the couple's devotion to medical excellence and their lifelong affiliation with the Johns Hopkins University School of Medicine. The income is to be used to provide financial assistance to worthy students in the School of Medicine.

Josephine S. Sutland Scholarship for Medical Education This scholarship was established in 1999 to provide assistance for needy medical students.

Helen B. Taussig Fund Established in 1986 by the Life Income Gift Annuity of Dr. Helen B.

Taussig. The income of this fund is to provide scholarships to needy medical students.

Owsei Temkin Scholarship Fund In 1993 Dr. Barbara P. Wasserman and Dr. Martin P. Wasserman established this fund in honor of Dr. Owsei Temkin. This fund provides financial assistance to needy medical students, with preference given to those who have a special interest in the humanities.

Vander Salm Family Scholarship Fund The Johns Hopkins University gratefully acknowledges the receipt of a gift from Thomas J. Vander Salm, M.D. to establish a permanent named endowed scholarship fund. Dr. Vander Salm graduated from the School of Medicine in 1966. The fund will provide assistance to medical students.

Roger L., M.D. and Mary J. von Heimburg Scholarship Fund Established in 2000. Dr. von Heimburg a graduate of the School of Medicine in 1955, passed away in September 1999. He lived for a long time in Green Bay, Wisconsin and asked that preference be given to students from the midwest.

William D., M.D., and Selma S. Voorhees Scholarship for Medical Education Established in 2000. Mrs. Selma Voorhees opened the fund in honor of her husband, William, a graduate of the medical class of 1945.

Elmer Wakefield, M.D. Scholarship Fund This fund was established in 1998 by the estate of Dr. Wakefield to provide scholarships for students in need of additional funds to continue their education.

Dr. Arthur Nathan Wang Memorial Scholarship Fund This fund was created in 1988 in honor and in memory of Dr. Arthur Nathan Wang, an alumnus of the School of Medicine. Dr. Wang's promising career as a neurosurgeon was tragically ended early in his life by a fatal accident. The income from the fund each year will provide a scholarship to a needy and deserving student who intends to pursue a career in clinical neurosurgery. In establishing the fund, the family and friends of Dr. Wang hope to help others to complete the contribution to medicine and society begun by him.

James Johnston Waring Memorial Scholarship Fund Through a generous gift from Mrs. James J. Waring, an endowment in memory of her husband has been established in the School of Medicine, the income from which is to be used as a scholarship fund for needy and worthy students. Although a member of the class of 1908, Dr. Waring subsequently received his degree from another school, having found it necessary to withdraw from the Medical School at the end of his junior year. Nevertheless, Dr.

Waring was active in Hopkins' alumni affairs until his death in June, 1962.

Frederick and Gladys C. Warring Memorial Scholarship This fund was established in 1996 from the Gladys C. Warring estate to provide scholarships for students in the School of Medicine.

Watt/Hansell Endowment This fund was established in 1994 by James Watt, and Dr. Myron E. Wegman to provide and opportunity for medical students to pursue public health training, and vice versa. The fund is managed jointly by the Deans of the School of Medicine and Public Health.

David R. Weakley, M.D. Scholarship Fund An endowment fund established in 1995 by Dr. David R. Weakley, to provide scholarship support to medical students in the School of Medicine.

Margaret Morris Weiss, M.D., and Robert A. Weiss, M.D. Endowed Scholarship Fund This fund was established by Dr. Margaret Morris Weiss, and Dr. Robert A. Weiss to honor their devotion to medicine and lifetime affiliation with the School of Medicine. Income from this fund will provide financial assistance to medical students.

Doris and Harry Wexler Award This endowed fund was established by Mrs. Doris P. Wexler in 1995 to provide an annual award for a graduating student with an interest in multiple sclerosis, heart disease, blindness/diseases of the eye, cancer/oncology-hematology, or diabetes.

Frances Turner White Fund This fund, established with a gift from the estate of Frances Turner White, provides scholarships for needy and deserving medical students.

Dr. Raymond Wing Memorial Scholarship Fund This fund was established in 1981 by Mrs. Raymond Wing to honor the memory of her husband, a member of the School of Medicine Class of 1927. It will provide support for students in their first year of study at the School of Medicine.

Winslow Foundation Scholarship Fund Gifts have been received annually since 1974 to fund scholarships for medical students, with preference for residents of Maryland, the District of Columbia, or North Carolina.

Charles Marion Wolfe Scholarship Fund The Fund was established in 1997 through the estate of Doris L. Wolfe in memory of her husband, Charles Marion Wolfe, to be used for a worthy medical student.

Ruth P. Young and Joseph M. Young, M.D. Endowed Scholarship Fund Established in 2004; the income is to be used to provide fi-

nancial assistance to worthy students in the School of Medicine.

Evers P. and Adeline E. Zepp Scholarship Fund A fund was established as a bequest from the estate of Adeline E. Zepp to be used in support of the education of medical students.

Lionel J. Zheutlin, M.D. Scholarship Fund This fund was established in 1998 in memory of Dr. Zheutlin, a graduate of the Class of 1947. It provides assistance to needy students with preference to those planning careers in pediatrics.

Loan Funds

Harold L. Amoss Loan Fund In 1956, Mrs. Harold L. Amoss and friends of the late Dr. Amoss established an endowment fund with income to be used for loans to aid deserving medical students.

Katharine K. Barton Memorial Fund A group of friends of the late Miss Katharine K. Barton have contributed a memorial fund in her name. In view of Miss Barton's interest in young people, the fund is used to assist medical students who are not in a position to meet all of their own expenses.

J. G. Boswell Loan Fund This fund provides loans for medical students.

Dr. Charles M. Cargille Student Loan Fund The Dr. Charles M. Cargille Student Loan Fund was established in recognition of Dr. Cargille's great interest in the Johns Hopkins University School of Medicine.

Class of 1932 Student Loan Fund The Class of 1932 established a long term fund for medical students in January of 1983, recognizing thereby the growing need for financial assistance of this kind.

Class of 1934 Revolving Loan Fund Established in 1985 by a 50th Reunion Class to provide long term loans to needy medical students.

Class of 1935 Revolving Loan Fund Established in 1985 by a 50th Reunion Class to provide long term loans to needy medical students.

Class of 1949 Student Loan Fund Established in 1985 by the 35th Reunion Class of 1949 to provide loans to needy medical students.

Class of 1952 Revolving Loan Fund Established in 1987 by the 35th Reunion Classes of 1952 to provide loans to needy medical students.

Class of 1959 Loan Fund Established in 1985 by the Class of 1959 for the 50th Reunion to provide loans to needy medical students.

Daniels Memorial Loan Fund This fund was established in 1980 by Josephine J. Daniels, M.D., Class of 1924, in memory of her husband

and medical school classmate, Worth B. Daniels, Sr., an internist who practiced and taught in Washington, D.C. for 50 years. Following Josephine Daniels' death in 1990, their sons requested that her name be added to the Fund, which provides loans for financially needy medical students.

Lydia B. Edwards, M.D. Revolving Loan Fund This fund was established in 1999 to provide Loans to students in their 2nd, 3rd, or 4th year of medical school. Dr. Edwards is a 1932 graduate of the School of Medicine.

Filbert Foundation, Inc. Medical Student Loan Fund A \$10,000 revolving loan fund established by the Filbert Company Foundation of Baltimore.

Warfield Firor Loan Fund This fund was established in 1962 to provide loans for medical students.

J. Theron Hunter Loan Fund Established by Dr. J. Theron Hunter, of the Class of 1925, to be used for aid in the form of loans to deserving students in the third and/or fourth year classes of the School of Medicine.

The Johns Hopkins Women's Medical Alumnae Association Student Loan Fund Established in 1971 by The Johns Hopkins Women's Medical Alumnae Association to provide financial assistance to medical students, preferably women.

Robert Wood Johnson Foundation Loan Fund Established to provide aid to needy medical students who are female, members of designated racial minority groups and/or from rural areas.

W. K. Kellogg Loan Fund Established in 1942 to provide financial assistance to students in the School of Medicine.

Halford B. and Lillian S. Kneale Loan Fund Dr. Kneale was a member of the Class of 1920 who pursued a distinguished career in Urology. He and Mrs. Kneale planned the Fund which was established after Dr. Kneale's death in July 1983. It is a source of loans to medical students who, as one of the requirements for a loan, must be in the upper third of their class.

Pearl Konttas, M.D. Loan Fund This Loan Fund was established by Dr. Konttas in 1982. She was a member of the Class of 1923 and, during her professional career, served as a pediatrician.

Gertrude D. Maengwyn-Davies Loan Fund This is an endowed loan fund established in 1986. The income from the fund is to provide loans to deserving graduate and medical stu-

dents interested in research in the basic health sciences.

George C. McKinstry Medical Loan Fund This fund was established to be used for individuals of character who are in need of assistance to complete their medical education.

The Nannie J. (Mrs. Ashby) Monroe Memorial Loan Fund This fund was established by James Monroe, M.D., JHUSOM '34, in memory of his mother, Nannie J. (Mrs. Ashby) Monroe. It provides loans for needy students in the School of Medicine.

Morris Morgenstern Student Loan Fund This fund was established in 1971 to provide loans for medical students in need of financial assistance.

Willey H. Norton Loan Fund The Willey H. Norton Loan Fund was established in July 1983 upon the receipt of a bequest from the estate of Dr. Willey H. Norton. Its purpose is to make loan monies available to financially needy students in the School of Medicine. Dr. Norton was a member of the Class of 1910 who pursued a distinguished career in obstetrics and gynecology.

Revolving Fund for Loans to Medical Students This fund was established in 1952 by donations from Mrs. Elbert Dent and the late Dr. Joseph Earle Moore for students in the School of Medicine.

School of Medicine Loan Fund In 1962 the Trustees of the University set aside \$100,000 to be used as revolving loan funds for medical students.

Arnold A. Schwartz Fund A loan fund for students in the School of Medicine established in 1964 under the will of the late Arnold A. Schwartz.

Surdna Foundation Loan Fund This fund was established in 1971 to provide loans for medical students.

Jimmie Swartz Foundation Loan Fund The friends of Jimmie Swartz, who lived his life to help others, established this memorial loan fund in order to assist needy medical students who have demonstrated their intention to give more to their patients and their profession than they take from them.

Miley B. Wesson Memorial Loan Fund The fund was established in 1999, and provides low interest loans to medical students.

Dr. Lawrence R. Wharton Loan Fund Gifts from a grateful patient of Dr. Wharton have established a loan fund for students in the School of Medicine.