

Appendix A

SECRETARY-TREASURERS OF THE ASSOCIATION

From the early days of the Climatological, the office of Secretary-Treasurer has been the key to the organization's success. The holder of this important position provides the continuity without which an association of this nature could not function effectively. It thus seems fitting to recognize the important service done by those who have held this office, by presenting a biographical sketch of each incumbent. (Years indicate period office was held.)

JAMES BAYNES WALKER 1884-1895

James Baynes Walker, M.D., Ph.D.¹ was born in Whitpain, near Valley Forge, Montgomery County, Pennsylvania, in 1846. His early years were spent on the farm where he was born. In 1862, he was graduated from the Friend's Central High School in Philadelphia and received his medical degree from the University of Pennsylvania in 1872. The next year he was elected intern in the Philadelphia General Hospital (Blockley), where he served with distinction. In 1874, after the required study, he presented a thesis and successfully passed the examination for the degree of doctor of philosophy from the University of Pennsylvania. In 1880, he was elected visiting physician to the Philadelphia General Hospital. He was a member of the Union League of Philadelphia, a fellow of the American Academy of Medicine, and of the College of Physicians of Philadelphia.

Walker held the position of secretary for the first ten years in the life of the Association. He attended all 28 meetings from that time until his death, with the exception of three. He contributed 22 times to its activities by presenting a paper or discussing one. Walker was one of the five members who stood by the Association and saved it when its life was threatened in 1886 by members who had more love for medical politics and power than for the American Climatological Association. This determined group attempted to amalgamate it into one of the sections of the American Medical Association. His quick wit and keen perception, which were associated with good judgment, made him a very valuable man in the early development of the Climatological.

GUY HINSDALE 1895-1918

Guy Hinsdale² was born in Brooklyn, New York on October 26, 1858. He graduated from Amherst College in 1878 and from the University of Pennsylvania School of Medicine in 1881. He had the unusual opportunity early in his career of assisting S. Weir Mitchell and William Osler

for several years in their hospital activities. Hinsdale became associate professor of climatology, Medico-Chirurgical College, Philadelphia, 1905–1917; professor of climatology, University of Pennsylvania, 1917–1919; instructor in medicine and medical diagnosis of student medical officers, U.S. Navy, Philadelphia, 1917. Hinsdale was in practice in Hot Springs, Virginia, from 1904 to 1929. He was medical director of the clinic at the Greenbrier Hotel, White Sulphur Springs, West Virginia, from 1929 to 1942, at which time the U.S. Army purchased the hotel for use as a general hospital.

Hinsdale was a member of the American Academy of Medicine (vice-president, 1906–1907); the College of Physicians of Philadelphia; the American Neurological Association; the American Medical Association; the Pennsylvania Society for the Prevention of Tuberculosis (president, 1900–1902); the American Meteorological Society; the American Association for the History of Medicine; Comité d'Honneur de Congrès International du Tourisme, du Thermalisme et du Climatisme, Paris 1937. He served as the American representative of the International Society of Medical Hydrology.

In 1895 he was awarded the Alvarenza Prize of the College of Physicians of Philadelphia for his essay on "Syringomyelia"; the Boylston Prize from Harvard for his essay on "Acromegaly," 1898; and the Hodgkin Prize from the Smithsonian Institution for his essay on "Atmospheric Air in Relation to Tuberculosis," 1914. Hinsdale was author of a book entitled *Hydrotherapy* and numerous papers on climatology and balneology.

In addition to his many medical activities, Hinsdale possessed many scholarly attainments, for which he was quite well known. As an illustration of the breadth of his interest, there is a charming story about a letter to Dr. Joseph Pratt thanking him for a gift—a note written in Latin. Not to be outdone, and to express his admiration of one so well versed in the classics, Dr. Pratt decided to write his reply in Greek. This he did with the help of a Greek physician who was a graduate of the University of Athens. Pratt assumed that Hinsdale would call upon the professor of Greek at the University of Virginia for a translation. Not at all! Writing again in Latin, Hinsdale said that he himself had done it with the aid of his Liddell and Scott. He went on to compliment Pratt on the accuracy with which he placed his accents. This called for a confession but it must have been a disappointment to Dr. Hinsdale. Evidently he had been proud of the knowledge of Greek displayed by an old friend, for he wrote: "Why did you tell me?"

ARTHUR K. STONE 1918–1933

Born on December 13, 1861, A. K. Stone³ graduated from Harvard in 1888 with the degrees of M.A. and M.D. He then studied in Berlin,

Strasbourg, and Vienna before starting in general practice in his native city of Boston. Early in his career he took an active interest in the plight of patients with tuberculosis in the Boston tenements. He was influential in the founding of the Massachusetts State Sanatorium—the first state sanatorium in the country—at Rutland in 1898. Later he served as chairman of the commission charged with the direction of the four state sanatoriums. Stone also served on the Board of the National Tuberculosis Association, where his advice was of great value during the progress of the Framingham experiment conducted by that Association, with funds provided by the Metropolitan Life Insurance Company.

In 1915 he was appointed to the commission charged with recommendations for reorganization of the Massachusetts State Board of Health and the value of his counsels was publicly noted by President Charles Eliot of Harvard. Stone was also active in the affairs of his State Medical Society, serving as its treasurer for 14 years.

After being made a member of the American Climatological Association in 1904, it remained one of his chief interests throughout the balance of his life. He served as its secretary from 1918 to 1933. With the relegation of climate to a role of secondary importance in the medical scheme of things, a group of younger members under the leadership of Gordon Wilson of Baltimore proposed making this Association an important forum for discussion of the broader problems of clinical medicine. Many of the older members were strongly opposed to this idea, and particularly to any change whatsoever in the original name of the Association. Stone, however, who was then secretary, gave his enthusiastic support for the idea that prevailed and saved the society from a premature death.

FRANCIS MINOT RACKEMANN 1933–1941

Francis Minot Rackemann^{4,5} was born in Milton, Massachusetts on June 4, 1887 and died on March 5, 1973 in Boston. Up to the final year of his life he had been well and active, frequently visible walking the mile between his office and the Massachusetts General Hospital, rain or shine, or rowing a single shell on the Charles River Basin in propitious weather.

He attended Boston schools and graduated from Harvard College in 1901. Still undecided as to his future, he accompanied his cousin, college classmate and close friend, George Richards Minot, who was completing his registration on the final day before the season's opening of the Harvard Medical School. That formality concluded, in an age before long lines of applicants for medical schools, the registrar turned to Rackemann and said: "How about registering yourself? Just mail us a copy of your college diploma and turn up tomorrow at nine o'clock for the first class." Rackemann promptly complied and four years later received his M.D. *cum laude*. Graduation was followed by a medical house officership (1912–

13) at the Massachusetts General Hospital. The ensuing two years he served as a research fellow in medicine at the Presbyterian Hospital in New York, where he worked with Warfield T. Longcope on anaphylaxis. This experience led to a lifelong interest in allergic mechanisms of disease. While in New York, he collaborated with Longcope in the publication of three papers relative to serum disease and one on severe renal insufficiency associated with attacks of urticaria in hypersensitive individuals. These were the first contributions to a bibliography of some 175 articles, most of which had an orientation toward allergy. Burrage pointed out that of even greater impact than these laboratory studies upon his approach to medicine was his daily contact with a preceptor who had an unusually broad experience as clinician, teacher of internal medicine and laboratory investigator—Warfield Theobald Longcope. Rackemann was entranced with Longcope's background, which included membership in the fifth class to graduate from the Johns Hopkins University School of Medicine (1901) in an era when the thinking of its students was dominated by the teachings of Osler, Welch and Mall; and Longcope's experience as resident pathologist at the Pennsylvania Hospital in Philadelphia, where for three years he served under the guidance of Simon Flexner, finally succeeding him as director of the Ayer Laboratory there.

After completion of his work in New York, Rackemann returned to Boston and was appointed chief of the outpatient department at the Massachusetts General Hospital. The following year, he received a commission as First Lieutenant in the United States Army, serving on active duty in Army hospitals until 1919. After the Armistice, he returned to the MGH and established one of the first allergy clinics in the United States; he worked there regularly for the next 30 years. Burrage reminisces:

His early demonstrations of vivid clinical skin test reactions and his ward consultations were among the first routine exposure students had anywhere to the approaches of the allergist. . . . On one occasion during a ward round consultation, an apprehensive asthmatic patient intensely watched the group across the room which stopped at his bed. Upon the patient's introduction to his consultant, he hesitantly turned to Rackemann and said: "You look like an oarsman to me." Before the topic medicine had even been approached, the "visit" was presented with a brief but substantial biography of both consultant's and patient's oarsmanship. The latter thereupon became demonstrably more relaxed and less wheezy. Several months later the consultant was surprised to find the name of the above oarsman on his private office appointment list where it intermittently reappeared over the years for subsequent medical and nautical consultations.

In 1918, Rackemann reported a study of 150 cases of bronchial asthma and later an encyclopedic 20-year follow-up of over 600 asthmatic children. Few were the aspects of clinical studies on allergic manifestations

that did not find their way into a cross-section of medical periodicals. His *Clinical Allergy, Asthma, and Hay Fever*, published in 1931, contained continuing clinical observations on a series of treated cases. Photographs and drawings to demonstrate skin tests as tools in the diagnosis and treatment of hay fever and asthma were included. Hans Zinsser wrote the foreword to this impressive volume. He stated: "Dr. Rackemann, who has combined a long experience of patients with painstaking study of the fundamental phenomena, has written a monograph which should be of utmost importance in bringing the immunological point of view to the clinician and the clinical point of view to the immunologist. In this task we think the author has been eminently successful." In 1956, Rackemann published his second book entitled *The Inquisitive Physician: The Life and Times of George Richards Minot*.

On the national scene, Rackemann made as significant an impact on the development of allergy as any other of the pioneers, with the possible exception of Robert Cooke of New York. Rackemann became in 1923 a founder and charter member of the American Society for the Study of Asthma and Allied Conditions, the first such organization in the United States. He later became its first secretary and in 1923 followed Cooke as the second physician to serve as its president. Shortly thereafter the American Association of Allergy was organized and Rackemann became its president in 1934. These two national organizations were amalgamated in 1944, becoming the American Academy of Allergy, which subsequently elected Rackemann to honorary fellowship. In late 1973, the Francis Minot Rackemann Lectureship of the Academy of Allergy was established in his memory.

Rackemann's name was also widely known on an international basis, and he was an honorary member in the allergy societies of France, Britain, Canada, Holland, Italy, Spain, Scandinavia, and Argentina, as well as in the International Association of Allergology. In 1952, he became a Chevalier de l'Ordre de la Santé Publique, France; in 1958 he received the first Storm van Leewen Medal in Leiden, Holland; and in 1962 gave the first John Freeman Oration in London.

Burrage, in discussing Rackemann's various interests, stated:

"All is not allergy that wheezes." This observation may also be applied to his interests which were not confined to allergy alone. His broad outlook led to his membership in numerous organizations in the guidance of many of which he actively participated. These included, in addition to his outstanding contributions to the Climatological, the American Society for Clinical Investigation, the Association of American Physicians, the Massachusetts Benevolent Society, of which he was president, the American Academy of Arts and Sciences, and as trustee and chairman of the Board of the Boston State Hospital. . . . Few New England members of the Climatological will forget a regional celebration in 1963 when 100 percent of their number accepted an invitation and appeared at the Country Club in Brookline for a dinner and evening with Frank Rackemann. The guest of honor presided at the piano

and held a competition to see who could recognize the largest number of his lantern slide photographs of members taken over past years at annual meetings of the Association.

Rackemann's practice was a large and devoted one. His office occupied the ground floor of his old Beacon Street brownstone family house which, in its busier days, was augmented by several connecting rooms in an adjacent apartment house to accommodate a technician and a number of loyal associates. Even then, the traffic was sometimes so heavy that other members of the Rackemann family had to push their way between waiting patients to climb the stairs to their living quarters. Each new patient on arrival stood by his desk while he took a picture with his old Brownie camera. These snapshots were pasted on the front of the patient's record. Following a detailed workup, a report of history, findings and recommendations would soon be mailed to the referring physician with a copy to the patients. Months later, atopic patients would often be surprised to receive an unannounced home call by Rackemann to see if his instructions had been carefully followed (and if not, to have him explain to the remainder of the family the necessity of finding another home for their pet dog or cat). On other occasions, their allergist might be seen departing for his car carrying under his arm a guilty feather pillow. The Rackemann summer cottage in Cataumet on Cape Cod gave him an opportunity to withdraw from his intensive medical activities and to spend short periods in the summer with his family. Of particular delight to him was his adjacent boathouse, which he himself designed, where he could work on his boat, read, write papers, or try to take a nap without being disturbed.

Many remember the stimulating walks in the afternoon led by Rackemann at meetings of the Clinical and Climatological. His enthusiasm for the organization, his warm welcome to new members, and his constant pursuit of any avenue that might contribute to the increasing success of the organization made him one of its leading members during its century of existence.

JAMES BORDLEY III 1941-1950

James Bordley III⁶ was born in Centreville, Maryland on December 7, 1900 and died in Cooperstown, New York on January 6, 1979. He graduated from Yale University with a Ph.B. degree in 1923 and from the Johns Hopkins University School of Medicine in 1927. Bordley received the William H. Howell Award for Medical Research in 1926 and was a National Research Council fellow in medicine from 1930 to 1932; during this time, he worked with Professor Alfred Newton Richards of the University of Pennsylvania when Richards was doing his pioneer work on the mechanism of urine formation.

Bordley served as intern and assistant resident physician in medicine at the Johns Hopkins Hospital from 1927 to 1930 and was chief resident physician under Warfield Theobald Longcope from 1932 to 1934. He was associate professor of medicine (1937–47) at the Johns Hopkins University School of Medicine. While there, he served as editor of the *Bulletin of The Johns Hopkins Hospital* for several years.

Bordley was on leave of absence for military service from April 1942 to February 1946. He was one of the organizers of the Johns Hopkins Unit, the 118th General Hospital, and went to Australia as chief of medicine of the unit in May 1942. While in the Philippines, Colonel Bordley was awarded the Bronze Star Medal “for meritorious achievement in direct support of combat operations on the Island of Leyte.”

In 1947 he left Baltimore to become director and physician-in-chief of the Mary Imogene Bassett Hospital in Cooperstown, New York, and was made clinical professor of medicine at Columbia University, with which the Bassett Hospital was affiliated. At the end of 1966, Bordley retired from his positions in Cooperstown and spent the year 1967 in Taiwan as visiting professor of medicine at the Chinese National Defense Medical Center in Taipei, and medical consultant to the U.S. Naval Medical Research Unit Number 2, also located in Taipei. He served as medical advisor to President Chiang Kai-shek and his family.

For a number of years Bordley, in association with various collaborators including Robert Wilkins, Charles Reagan, Caroline Bedell Thomas, and Ludwig Eichna, conducted studies on the natural history of essential hypertension. He contributed important papers on renal physiology, diseases of the kidney, vascular physiology, blood pressure, medical education, and hospital administration. Bordley and A. McGehee Harvey were joint authors of two medical books, *Differential Diagnosis: The Interpretation of Clinical Evidence* and a history of American medicine entitled *Two Centuries of American Medicine*.

Bordley contributed most effectively to the success of the Association. He served as secretary from 1941 to 1950 and was president in 1957 when the 70th annual meeting was held in Hot Springs, Virginia. The title of his address on that occasion was “Whales: A Taste of Pelagic Climatology”—an excellent example of his scholarship and the breadth of his cultural and scientific interests.

Jim Bordley was truly a renaissance physician. A skilled clinician, he made one of the first premortem diagnoses of atrial myxoma, if not the first. A. N. Richards, in a dinner address at the Interurban Clinical Club in Philadelphia in 1961, credited Bordley with developing many of the colorimetric methods used in analyzing the micropuncture fluids obtained from glomeruli and tubules in those epochal experiments. Bordley will be long remembered by his many friends in this country and abroad as a

creative scholar, meticulous editor, talented author, resourceful administrator, and a delightful companion.

MARSHALL NAIRNE FULTON 1950-1958

In 1923, in support of Marshall Fulton's⁷ application to medical school, his college professor of biology wrote as follows: "Mr. Fulton is one of the best all around men we have ever had in the department, both in point of scholarship and personal capacity and general qualities of a gentleman." This brief but well-directed appraisal, written early in Marshall's career, predicted with remarkable accuracy his future accomplishments. In all of his endeavors, he distinguished himself. Awards and honors were repeatedly his. These he accepted graciously, but they in no way altered his sense of values of his "way of life." Marshall Fulton was always a modest, warm, cultured, scholarly, dignified, unselfish, entertaining and inspiring friend. He loved people and he maintained an intimate friendship with so many, by visits, by letter, or by an unexpected call to say "Merry Christmas" or "Happy Birthday." Marshall Fulton charmed many on numerous occasions with his music, which was his lifetime love. At one time or another he played a number of instruments, but in later years limited himself to the piano—and there are many who will remember his well received renditions at the Climatological meetings.

Born in Keokuk, Iowa, on March 10, 1899, Marshall graduated from the Keokuk High School in 1916. He then entered Brown University and though he experienced a hiatus during World War I, he graduated in 1920 with academic honors with recognition of his leadership in a number of diverse extracurricular activities. Marshall was appointed a Rhodes Scholar in 1920 and at Merton College, Oxford, received a B.A. degree with honors in physiology. In 1925, he received the M.D. degree from the Johns Hopkins University School of Medicine. After internship and residency at the Peter Bent Brigham Hospital, Marshall became a full-time faculty member and director of the department of medicine laboratory at the Harvard Medical School. He pursued an academic career until World War II. From 1942 to 1946 he served in the Army Medical Corps, being discharged with the rank of colonel. He was initially stationed at Walter Reed General Hospital as chief of the cardiovascular section; was later chief of medicine at the Valley Forge Hospital; and finally was chief of medicine at Ashford General Hospital, White Sulphur Springs. After leaving the military service, Marshall entered private practice in Providence, Rhode Island where he continued his academic pursuits. At various times he served as physician-in-chief at the Rhode Island Hospital and professor of medicine at Brown University. Marshall was a member of the American Society for Clinical Investigation, the Association of American Physicians, the American College of Physicians

(in which he served consecutively on both the Board of Governors and Board of Regents, and was elected chairman of the Board of Governors and first vice-president).

Among his many awards were the Legion of Merit, U.S. Army, in 1946; honorary doctor of science degree, Brown University in 1960; a Mastership from the American College of Physicians in 1971; the prestigious Alfred Stengel Award “for outstanding service to the college in an official capacity”; and the W. W. Keen Distinguished Service Award, Brown Medical Association in 1976.

In his early life in Keokuk, he began a close relationship with his uncle, Dr. Frank Fulton, of Providence, Rhode Island. During his entire undergraduate period at Brown, Marshall lived with “Uncle Frank,” and their intimate discussions profoundly influenced his thinking. Frank Fulton was a member of the third class (1899) to graduate from the Johns Hopkins University School of Medicine. During his high school and college years, Marshall learned of Osler and Osler’s writings from his uncle. Osler and, of course, Uncle Frank were his heroes. Moreover, by good fortune, Marshall became known to Lady Osler soon after his arrival at Oxford, and a close friendship developed, all of which Marshall related delightfully in a paper entitled “On Being a Latchkeyer at 13 Norham Gardens, Oxford, 1920–23” and read at the annual meeting of the American Osler Society, May 11, 1977, only five days before his death.

Despite a heavy professional schedule, Marshall always had time for his wife, his eight children, and five grandchildren—a close-knit family. There were regular family reunions, and they traveled together and visited each other frequently. After the Osler Society meetings, Dr. and Mrs. Fulton visited in Keokuk, then went to Denver to be with three of their children. It was there that Marshall had his fatal heart attack on May 16, 1977.

FREDERIC TREMAINE BILLINGS, JR. 1958–1968

Josh Billings⁸ was born on February 22, 1912 in Pittsburgh, Pennsylvania. He graduated from Princeton University in 1933. During the following three years, he was a Rhodes Scholar at Oxford University (Balliol College), receiving the Master of Science. He then entered the Johns Hopkins University School of Medicine and was awarded his M.D. in 1938. The following year he was an intern on the Osler Medical Service. He then went to Nashville as an assistant resident in medicine on the service of Hugh Morgan. The following year he returned to Baltimore as senior assistant resident in medicine during the year that A. McGehee Harvey was the medical resident under Dr. Warfield T. Longcope on the Osler Medical Service. In 1941–42, Josh was Hugh

Morgan's chief resident at the Vanderbilt University Hospital in Nashville. On February 21, 1942, he married Ann Howe, whose charm has captivated all of the members of the Climatological for many years. In 1942, Josh Billings joined the Johns Hopkins Unit (118th General Hospital) and served in Australia and in the Philippines. During the latter part of the war he returned to Washington, D.C. and was an assistant to General Hugh Morgan, who was the chief consultant for the Army Medical Corps during World War II.

After the war, Josh returned as an instructor in medicine to Vanderbilt and established himself in the practice of medicine there. He rose to the rank of clinical professor of medicine at Vanderbilt University School of Medicine, becoming Emeritus in 1977. From 1950 to 1961 he was professor of medicine at the Meharry Medical College in Nashville, and from 1960-1967 he was dean of medical students at Vanderbilt.

From 1946 on he gave devoted service to the Vanderbilt Medical School, being especially active after 1960. He was continuously a member of the executive faculty and among the committees on which he served were: Admissions, Clinical Research Center, Curriculum, Dean's Committee for the Veteran's Administration Hospital, Fellowships and Scholarships, Internships and Residencies, Promotions Committee, and Student Affairs Committee (of which he was chairman). He was also chairman of the Planning Board for the Cardiovascular Research and Training Center and chairman of the committee to search for a director of the medical library, as well as a member of several other departmental search committees.

In spite of carrying on a busy practice, Josh continued to contribute to the clinical literature, publishing until 1981 some 48 papers relating to almost every aspect of clinical internal medicine as well as problems dealing with medical care, the selection of medical students, and other important subjects.

Josh Billings was a very worthy successor to Francis Rackemann and Marshall Fulton as the secretary of the Climatological. He and his lovely wife Ann breathed a spirit of camaraderie into the organization, and their enthusiasm and intense participation did much to determine the success of the meetings from the viewpoint of all of the members as well as their wives.

Legend are the stories of the antics of Josh and Ann going to, at, and after meetings of the Climatological. After the meeting at Hilton Head, at which Josh was president, his Gordon Wilson lecturer, Eric Cruickshank, Betty and Bud Earle, and the Billingses, as well as some of the liquor that they had had to buy because it could not be purchased at Hilton Head, were driving back in the Billings's Checker Sedan. This was a two-day cross-country jaunt from Hilton Head to Nashville and in the middle of Georgia, while Josh fruitlessly looked for a Gulf filling

station, they ran out of gas. Billings hitchhiked to the nearest gas station, brought the gas back, and when he arrived at the car found a very happy cocktail party in progress.

Josh finally let the author in on the secret of why the Climatological met at French Lick in Indiana. There had been a great deal of enthusiasm for having one of the meetings in Bermuda. This sounded like an excellent idea but the first consideration regarding a place to have a meeting is to gather the largest number of members, both active and emeritus. So he held a poll of the membership. All were asked about a trip to Bermuda. One hundred and fifty answered; 50 yes, 50 no and 50 undecided. This did not seem to him to be too favorable so at the last minute he had to change his arrangements for the meeting in Bermuda to some place in the United States. The only place which would accommodate the meeting at the last minute was French Lick, that huge sulfurous home of Pluto Water, where the Climatological shared space with the convention of the Timkin Ballbearing Company employees, and where Ed Rose, as president, gave his magnificent address—complicated, erudite, scholarly, and, of course, without use of a single note.

There is not enough room to recount the many other stories, but these are sufficient to illustrate what the enthusiasm, vigor, and good humor of the Billings's duet has meant to the success of the Climatological.

J. EDWIN WOOD III 1968–1979

J. Edwin Wood III⁹ was born in Charlottesville, Virginia on February 5, 1925. He attended Davidson College, had assignments to Duke University and the University of Virginia during the war, and completed his medical education at Harvard in 1949. During his high school, college and medical school years, he worked as a laboratory assistant under Eugene Landis at the University of Virginia and at the Harvard Medical School.

After medical school graduation, Wood began his house officer training at Boston University under Chester Keefer. His residency years were interspersed with research fellowship years under Robert W. Wilkins. From 1951 to 1953, Wood served as a flight surgeon in the United States Air Force at the School of Aviation Medicine at Randolph Field. Much of his time there was spent in research involving problems of high-altitude physiology. He studied the peripheral pooling of blood in the veins during the breathing of high-pressure gas mixtures, which had practical application to high-altitude flights in which cabin pressures were insufficient to maintain life without additional pressure in the air that was breathed—a superb background for later membership in the Climatological.

Upon his return to Boston University, Wood embarked on an extensive

series of studies of venomotor responses of man in physiological as well as disease states.

Wood then became director of cardiovascular research at the Medical College of Georgia (1959–64). He held the same position at the University of Virginia from 1964–69. He carried out investigations into peripheral vascular responses, with special emphasis on the responses in heart failure, hypertension and anemia; in addition, problems involving changes in environmental temperature, exercise and various pharmacological stimuli were evaluated. This work was eventually summarized in a book entitled *The Veins*.

Wood served briefly as associate dean at the University of Virginia before becoming director of medicine at the Pennsylvania Hospital and professor of medicine at the University of Pennsylvania. He is a member of the American Society for Clinical Investigation, the Association of American Physicians and the American Physiological Society.

RICHARD J. JOHNS 1979–

Richard J. Johns¹⁰ was born in Pendleton, Oregon on August 19, 1925. He graduated from the University of Oregon and received his M.D. degree from the Johns Hopkins University School of Medicine in 1948. After a year of internship on the Osler Medical Service at Johns Hopkins, Johns spent two years on active duty with the U.S. Army Medical Corps, where he was assigned to the Army Chemical Center to engage in neurophysiological research. He returned to the Osler house staff in 1951 for two years of assistant residency and has continued his professional career at Johns Hopkins. From 1953–1955 he was a research fellow in the department of medicine, working in the research laboratories of David Grob and A. M. Harvey. In 1955–56 he was the resident physician of the Osler Medical Service and then moved through the academic ranks from instructor in 1955 to professor of medicine in 1966. In 1970, he was named Massey Professor and director of the newly organized department of biomedical engineering.

Johns's interest in research began while he was a medical student. The shift from the accelerated to the conventional schedule at the end of World War II provided him with an opportunity to work for an extended period in the laboratory of Samuel A. Talbot, who was at the time collaborating with A. M. Harvey and Joseph L. Lilienthal, Jr. in developing instruments which would permit study of neuromuscular function in man. While in the Army, Johns extended his interests in neuropharmacology with studies of cholinesterase inhibitors and acetylcholine antagonists on central neural function. This led, upon completion of his residency training, to participation in studies of neuromuscular function in man. These studies demonstrated that the basis for the neuromuscular

block in myasthenia gravis was a diminution of acetylcholine effect. Further studies delineated the mode of action of a variety of pharmacological agents that affect neuromuscular transmission. Investigation of a series of patients with familial periodic paralysis revealed that the weakness was caused by a failure of spread of electrical excitation from the endplate to the muscle. This, together with the direct demonstration of an anomalous shift of potassium from serum into muscle, indicated that hyperpolarization of the muscle membrane was the pathophysiological defect. Further work on this problem led to the development of techniques which for the first time permitted the measurement of transmembrane potentials in man.

The development in his laboratory of biomechanical techniques for the analysis of joint stiffness led to a series of studies of arthritis, connective tissue and neurological disorders associated with abnormal stiffness. The major findings were that increased plastic stiffness (not elastic or frictional stiffness) accounted for almost all of the increased stiffness in various forms of arthritis as well as the increasing stiffness seen in aging. The studies of the mechanical aspects of the stiffness in Parkinsonism led to studies of the disordered control of movement in this disease. Here it was found that the patient's disordered movement in performing a tracking task was the result of his inability to switch to a rapid ballistic method of movement during the initial phases of a given movement.

In recent years Johns has focused his research activities on engineering solutions to biochemical problems. One example is the development of a system that produces and displays true three-dimensional radiographic images. He has also been involved in developing computer-based clinical information systems.

Johns is a member of the Biophysical Society, the American Society for Clinical Investigation, and the Association of American Physicians. He was a member and chairman of the Medical Board of the Myasthenia Gravis Foundation. He has been a member of the National Institutes of Health Biomedical Engineering Fellowship Review Committee and their Medical Laboratory Sciences Review Committee. He has been active in the Institute of Electrical and Electronics Engineers as president of the Group on Engineering in Medicine and Biology, an associate editor of the *Transactions on Biomedical Engineering* and a member of the Editorial Board of the *Proceedings of the TEEE*. He was president of the Biomedical Engineering Society, is a Fellow of the American Association for the Advancement of Science, and was the secretary of the Section on Medical Sciences. He was president and is a trustee of the American Board of Clinical Engineering.

Appendix B

THE GORDON WILSON LECTURESHIP

The success of any medical organization depends on a few talented and enthusiastic individuals who make the work of the society one of their major objectives in life. Such a man was Alfred Lebbeus Loomis, the first president of the Climatological; another was Gordon Wilson,¹ who died on Wednesday, October 26, 1932. He was greatly missed by his fellow members in the Association, for few members had given their time and energy to the society so fully and so enthusiastically as did Gordon Wilson.

Born on November 30, 1876, Wilson was the son of John A. and Ellen Gordon Wilson. He attended the Episcopal High School at Alexandria, Virginia, spent two years in the academic department of the University of Virginia, and received his medical degree from that university in 1899.

In 1908 he married Miss Elizabeth Preston Elliot of Baltimore and established his residence at 12 Whitfield Road.

Shortly after his graduation from the University of Virginia, he was appointed as assistant resident physician of the Johns Hopkins Hospital, having charge of the private pavilions under William Osler. The following year he was a resident fellow in pathology under William Henry Welch. Wilson had a keen, eager mind with the faculty of seeing clearly and of stating succinctly what he had seen. Neither Welch nor Osler had many pupils more fitted by nature to benefit from service under them. Wilson had a passion for his profession in which, while fully alert to all the advances of science, he always gave the first place to the physician. In his teaching and writing alike he continually strove to stimulate the general practitioner to the full realization of his opportunities and responsibilities. Few men had such a capacity for friendship and no one was ever more selfish in his devotion to his friends or to his work. It was this characteristic, coupled with his rare ability as a teacher, that gave him such a hold on his pupils and his fellow physicians. Nothing gave him keener delight than when a student or an intern noted something he himself had overlooked in a case under discussion.

Wilson started practice in Baltimore in 1902 and was appointed chief in the medical dispensary in the University of Maryland that same year. His special abilities as a teacher and clinician soon were evident and he was steadily advanced, until in 1913 the University made him professor of medicine and head of the medical department, a position he held until 1922. Wilson volunteered for service when the United States entered the First World War; he was assigned to the Base Hospital at Camp Meade, Maryland, in the fall of 1917, holding the rank of Major. Under the stress

of overwork, his health gave way to such an extent that his friends maneuvered his discharge from the service. Wilson then set about the task of regaining his health so that he could renew his own practice.

He always had a special interest in tuberculosis, having had the disease in his student days. In 1907, he was appointed visiting chief of the Baltimore Municipal Hospital for Tuberculosis. Students recognized his great qualities as a clinician and teacher and under his influence came to regard this tuberculosis service as one of the most interesting in their medical school career. Patients chose to go there rather than to one of the sanitariums away from Baltimore. Only a talented physician and a rare spirit could have, in those days, established a waiting list for the tuberculosis ward of a poorhouse.

Next to his family and his personal practice, Wilson's greatest interest was in the Climatological, to which he was elected in 1910 and which he served as president in 1924, as a member of the Council, and finally as chairman of the Committee on Admissions. From the day he joined, his enthusiasm for the organization was unbounded. Eager as he was, however, to see it develop as the leading society for the advancement of clinical medicine, he realized that the bond of friendship which was one of its chief traditions was also its greatest asset. He loved the spirit of give and take in the discussions and through all his work as chairman of the Committee on Admissions, he held out for the preservation of this spirit. It was not enough that a nominee be known as a good clinician, a student and a worker. If he would not be able to look on his fellow members as his personal friends and to uphold his side of the discussion without rancor then, in Gordon's eyes, he was not qualified for membership.

On February 20, 1933 Dr. Louis Hamman wrote to Francis M. Rackemann:

Last fall when Lawrason Brown was in Baltimore, he spoke to me about the Clinical and Climatological Association establishing a memorial for Gordon Wilson who worked so faithfully and insistently for the development of the society. He suggested that the most appropriate form of memorial would be to have a medal cast which the Association would give each year to some physician who had especially distinguished himself in clinical medicine. The selection of the man would depend not so much upon his original contributions as upon his clinical ability and the influence he had exerted in promoting the best interest of clinical medicine. He pointed out that at present there is no particular reward for clinical work and that it would be desirable to have some distinction conferred upon outstanding clinical ability.

The suggestion met with my hearty approval and I meant to bring it up at the meeting of the Council last fall. When that meeting was postponed I decided to bring it up at the spring meeting. However, Walter Baetjer and Laurie Brown both have been interested in the matter and they apparently have had some correspondence about it. I have just received a letter from Baetjer enclosing one to him from Brown

who sends a check for \$25.00 as his contribution to the project. It is very desirable that, if possible, the medal be conferred upon someone at the spring meeting. He suggested that the man chosen for the honor be asked to give a Gordon Wilson Memorial Lecture at the meeting and then receive the medal.

It may perhaps be too late to proceed with the plan for this year, but if it cannot be arranged this year then I hope the suggestion will be favorably received and a memorial lecture may be inaugurated at the following meeting. I think the die (for the medal) will not cost over \$100.00 and thereafter to strike off the medal would be relatively inexpensive.

At the meeting of the Council on Tuesday afternoon, May 9, 1933, it was voted to establish the Gordon Wilson Medal for clinical excellence, to be awarded each year by the Association; that a committee of three, consisting of Dr. Lawrason Brown, Dr. Walter Baetjer, and Dr. David Lyman, should cause the medal to be made and recommend to the Council the first person to whom the medal should be awarded; that this committee should solicit the funds from the friends of Dr. Wilson to defray the expense. It was also voted that any slight charge necessary for the first medal be supplied out of the funds of the treasury. The only dissenter was Dr. A. K. Krause, who felt that the Association could do much more in a productive way by establishing a lectureship in his (Wilson's) own university: "on that subject which he has associated with our name which is not only the oldest form of therapy but upon which there has never yet appeared a really scientific paper—that is, on the effects of climate."

The next mention of the Gordon Wilson Memorial Fund was a letter dated April 30, 1934, written by Lawrason Brown to Dr. Charles D. Parfitt, then the president of the Climatological:

I think it would be very nice if the Climatological would sponsor each year some movement helpful to the medical profession in general. We have had a good deal of correspondence about the Gordon Wilson Memorial Fund. We concluded that it would be a very wise thing to have the first lecture given, say at the 1935 meeting, by Dr. William Fisher, a surgeon of Baltimore, connected with the Johns Hopkins, and a very close friend of Dr. Wilson. We thought it would be nice if he could be introduced and a few words said about Gordon Wilson by Dr. David Lyman at that time.

In 1935 the members of the Committee addressed themselves further to the question of the medal and lectureship, recommending that the accomplishments necessary for award of the medal should be judged: a) by a reputation of unusual clinical ability among his associates; b) by his ability as a teacher of clinical medicine; and c) by his contributions to clinical medicine. The fact that a physician had made valuable laboratory investigations did not bar him from receiving the medal, but should he be selected the award must be made for his clinical excellence without consideration of his laboratory investigation. Any physician practicing in North America might be a candidate for the medal whether or not he was a member of the American Clinical and Climatological.

The matter was once more brought before the Council at the Richmond meeting in October 1936. President Gorham reported that the committee, consisting of Drs. Baetjer and Lawrason Brown, had independently subscribed \$500 for the preparation of a die for the medal; the award might be given to distinguished clinicians who would be invited to come and present lectures before this society at its annual meetings. The Council in that year took a positive stand in the matter, recommending that the Gordon Wilson Memorial Lectureship be established and that the Council take the responsibility of raising a special fund.

On October 29, 1936, Rackemann wrote to James E. Paullin, the new president of the Climatological: "We were all delighted that you are the new president. We discussed the Gordon Wilson Memorial and finally decided to go ahead to organize the Gordon Wilson Lectureship and invite the first speaker, granting him an honorarium of \$100 and a copy of the medal. I personally am quite delighted that Warfield Theobald Longcope was chosen as the first Gordon Wilson lecturer."

From October 11 to 13, 1937, the 54th annual meeting of the Climatological was held in Baltimore under the presidency of James E. Paullin. The major attraction of the meeting, of course, was the first Gordon Wilson Lecture. Warfield T. Longcope, professor of medicine at The Johns Hopkins University School of Medicine, was introduced by James S. McLester, who spoke well of Gordon Wilson and his role in the development of the Climatological into a national society of internal medicine; and of Dr. Longcope as a longtime thorough student of the kidney and its diseases. The lecture, entitled "Some Observations on the Course and Outcome of Hemorrhagic Nephritis," was delivered in the easy, straightforward style of the master. Everyone was immensely pleased with the Gordon Wilson Medal and with its first recipient.

The second Gordon Wilson Lecture was given by Henry Asbury Christian, professor of medicine at Harvard and physician-in-chief of the Peter Bent Brigham Hospital, whose title was "A Glomerular Dominance in Bright's Disease."

The third Gordon Wilson Lecture was given by George R. Minot on the subject of the anemias of nutritional deficiency which he delivered at the 1939 meeting of the society in Saranac Lake. At the 1940 meeting, Dr. Rollin T. Woodyatt talked "On the Theory of Diabetes."

At the 1941 meeting, the Gordon Wilson Lecture was presented by Alfred Blalock and was described as masterful. Dr. Waring, the president, reviewed Blalock's achievements and the career of Gordon Wilson. Dr. Blalock gave a splendid talk on the physiology and treatment of shock and everyone was both interested and impressed. In presenting the medal, Dr. Waring spoke with great feeling; in reply, Dr. Blalock was most appreciative. Among other things, he spoke of his pleasure in finding a group of physicians quite equal in character and interest to his surgical

friends and it occurred to him as unfortunate that physicians and surgeons did not meet together more often. The meetings of either one would be leavened by the presence of the other. He thought that to have a sort of combined medical society might be very effective, just as a hospital ward in which the physicians could see the thyroid storm and the surgeons could see the management of pneumonia would be instructive to all. Surely the Gordon Wilson Lecture had become an important event in the annual menu of medicine in this country.

In 1946, Dr. René J. Dubos gave the Gordon Wilson Lecture on "The Experimental Analysis of Tuberculous Infections." That same year, the Council adopted a motion proposed by Dr. Rackemann that all Gordon Wilson lecturers of past years be elected to honorary membership in the Association. President Burwell, in asking the members to consider this recommendation, pointed out that there was no regular provision in the constitution regarding the technique of electing honorary members and that no honorary members had been elected since 1931. The Council felt that it would be appropriate to expand the list of honorary members by electing the Gordon Wilson lecturers of past years. The Council did not wish to extend this into the future because future Wilson lecturers might be eminently suitable for active membership. The secretary read the names of the Gordon Wilson lecturers who would be elected if the Council's recommendation were approved: W. T. Longcope, H. A. Christian, G. R. Minot, R. T. Woodyatt, and Alfred Blalock. Dr. J. E. Wood, Jr. directed attention to the fact that Dr. Minot was already an active member, and he doubted the propriety of making him an honorary member. In response, Dr. Minor and Dr. Fremont-Smith suggested that the Council's recommendation be amended by the insertion of the words "who are not already members." It was then moved by T. Grier Miller "that all Gordon Wilson lecturers of past years who are not already members, be elected to honorary membership in the Association." The motion was regularly seconded and passed.

GORDON WILSON LECTURES

| Year | Lecturer | Title |
|------|----------------------------|--|
| 1937 | Warfield T. Longcope, M.D. | Some Observations on the Course and Outcome of Hemorrhagic Nephritis |
| 1938 | Henry A. Christian, M.D. | A Glomerular Dominance in Bright's Disease |
| 1939 | George R. Minot, M.D. | Anemias of Nutritional Deficiency |
| 1940 | Rollin T. Woodyatt, M.D. | On the Theory of Diabetes |
| 1941 | Alfred Blalock, M.D. | Shock or Peripheral Circulatory Failure |
| 1946 | René Jules Dubos, Ph.D. | The Experimental Analysis of Tuberculous Infections |
| 1947 | Cecil J. Watson, M.D. | Some Aspects of the Porphyrin Problem in Relation to Clinical Medicine |

- 1948 Hans Selye, M.D. On the General-Adaptation-Syndrome
- 1949 Joseph E. Smadel, M.D. The Changing Status of Rickettsioses
- 1950 Wilder Penfield, M.D. The Mechanism of Memory
- 1951 André Cournand, M.D. Clinical and Physio-Pathologic Considerations
in Certain Types of Pulmonary Granulomata
and Fibroses
- 1952 Joseph Stokes, Jr., M.D. Viral Hepatitis
- 1953 George W. Thorn, M.D. Studies on the Adrenal Cortical Response to
Stress in Man
- 1954 Allen O. Whipple, M.D. The Splenic Circulation in Relation to Certain
of the Splenopathies
- 1955 John F. Enders, Ph.D. Observations on Certain Viruses Causing Ex-
anthematous Diseases in Man
- 1956 Lee E. Farr, M.D. Man, Medicine, and the Atom
- 1957 Joseph W. Ferrebee, M.D. Factors Affecting the Survival of Transplanted
Tissues
- 1958 Ivan L. Bennett, M.D. Fever: Experimental Studies
- 1959 Raymond D. Adams, M.D. Nutritional Diseases of the Nervous System in
the Alcoholic Patient
- 1960 Arnold R. Rich, M.D. Visceral Hazards of Hypersensitivity to Drugs
- 1961 William B. Castle, M.D. A Century of Curiosity about Pernicious Ane-
mia
- 1962 Jerome W. Conn, M.D. Some Clinical and Climatological Aspects of
Aldosteronism in Man
- 1963 Albert H. Coons, M.D. Current Theories of Antibody Formation
- 1964 Joseph F. Ross, M.D. Ionizing Radiation and the Development and
Survival of Life
- 1965 Alfred Gellhorn, M.D. Clinical and Laboratory Aspects of Medical
Oncology
- 1966 E.B.A. Astwood, M.D. Growth Hormone—1966
- 1967 Robert A. Good, Ph.D. and
Joanne Finstad, M.D. The Development and Involution of the
Lymphoid System and Immunologic Capac-
ity
- 1968 Tinsley R. Harrison, M.D. Heart Disease and Heart Failure: Some Recent
Progress and Some Future Challenges
- 1969 Eric K. Cruickshank, M.D. Clinical Syndromes Associated with Plant Tox-
ins in Jamaica
- 1970 James G. Hirsch, M.D. The Digestive Tract of Cells
- 1971 Albert L. Lehninger, Ph.D. Mitochondria and the Physiology of Ca^{2+}
- 1972 Eugene Braunwald, M.D. Investigations on Protection of the Ischemic
Myocardium
- 1973 G.D. Auerbach, M.D. Biosynthesis, Secretion and Mechanisms of Ac-
tion of Parathyroid Hormone
- 1974 Robert S. Schwartz, M.D. Searching for the Cause of Systemic Lupus
Erythematosus
- 1975 J. Fraser Mustard, M.D. The Function of Blood Platelets
- 1976 Allan L. Goldstein, Ph.D. The History of the Development of Thymosin:
Chemistry, Biology and Clinical Application
- 1977 Theodore T. Puck, Ph.D. The New Cell Biology and its Implications for
Medicine
- 1978 Christian J. Lambertson, M.D. Undersea Medicine—The Limits of Human
Tolerance

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|------|---------------------------|--|
| 1979 | Daniel Nathans, M.D. | The New Genetics |
| 1980 | Richard T. Johnson, M.D. | Viruses and Chronic Neurological Diseases |
| 1981 | Russell Ross, M.D. | Atherosclerosis—A Response to Injury Gone Awry |
| 1982 | Robert J. Lefkowitz, M.D. | Adrenergic Receptors: Regulation at the Bio- chemical, Physiological and Clinical Levels |
| 1983 | Paul E. Lacy, M.D. | The Prevention of Immune Rejection of Islet Transplants Without the Use of Immunosup- pressive Drugs |

Appendix C

THE JEREMIAH METZGER LECTURESHIP

Following the death of Dr. Jeremiah Metzger¹ on May 26, 1958, the Association received a bequest from his estate for the sum of \$5,000. It was decided by the Council to invest this sum in government bonds and apply the income to the general fund.

Dr. Metzger had been a semi-invalid for some seven years following three heart attacks. Prior to that time, he had been a very active member of the Climatological. Metzger was born in Oak Harbor, Ohio, on December 9, 1876. He attended Ohio State University for one year and the University of Michigan for three years. He graduated from Rush Medical College in 1901, then had a year of postgraduate study at the University of Berlin and spent time with Dr. Auguste Rollier in Switzerland. In 1941, Metzger was appointed by Governor Sidney P. Osborn of Arizona as superintendent of the Arizona State Hospital. At this time, this insane asylum was a political football. Dr. Metzger took over the responsibility of changing it into a real hospital for the mentally ill.

Metzger settled in Tucson in 1911 for his own health, and the treatment of tuberculosis was his major interest during his professional life. He was responsible for the construction of the first private sanitarium for tuberculosis patients in Tucson. In addition to his interest in pulmonary diseases, he also gave much attention to the fields of psychiatry and psychology.

At its meeting on November 3, 1963 at the Homestead, Hot Springs, Virginia, the Council discussed the use of the income from the Metzger fund. A decision was made to maintain its use under the direction of the Council. It was decided further, for the 1964 meeting, to request the president to select a member of the Association to deliver a paper on his own work, allowing him 30 minutes and offering him an honorarium of \$100. This plan would be on trial and subject to change at the discretion of the Council. The plan worked well and in subsequent years there has been an annual Metzger Lecture delivered by a member of the Association.

JEREMIAH METZGER LECTURES

| Year | Lecturer | Title |
|------|-------------------------|---|
| 1964 | John Eager Howard, M.D. | Urinary Stone |
| 1965 | Grant W. Liddle, M.D. | Analysis of Circadian Rhythms of Adrenal Secretions |
| 1966 | John P. Merrill, M.D. | What Can We Do for the Patient with Renal Failure? |

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|------|-----------------------------------|--|
| 1967 | Stewart Wolf, M.D. | Neural Mechanisms in Sudden Cardiac Death |
| 1968 | Robert W. Wilkins, M.D. | Clinical and Climatological Observations on Hypertension |
| 1969 | James B. Wyngaarden, M.D. | The Pathophysiology of Hyperuricemia in Gout |
| 1970 | A. McGehee Harvey, M.D. | Myasthenia Gravis—The First 100 Years in Perspective |
| 1971 | Marvin D. Siperstein, M.D., Ph.D. | The Relationship of Cholesterol Biosynthesis to Cancer |
| 1972 | George F. Cahill, Jr., M.D. | Ketosis |
| 1973 | Richard B. Hornick, M.D. | Salmonella Infections—Newer Perspectives of an Old Infection |
| 1974 | Jacques Genest, M.D. | The Renin-Angiotensin System |
| 1975 | Victor A. McKusick, M.D. | New Genetic Insight into Old Diseases |
| 1976 | Robert M. Bird, M.D. | Information Transfer in the Service of Medicine |
| 1977 | Robert Austrian, M.D. | Of Gold and Pneumococci |
| 1978 | Carl W. Gottschalk, M.D. | The Nephrons in Bright's Disease: Their Structure and Function |
| 1979 | Sheldon M. Wolff, M.D. | The Pathogenesis of Fever in Human Subjects |
| 1980 | Charles C. J. Carpenter, M.D. | Myths, Mandarins and Molecules: The Cautionary Tale of Cholera |
| 1981 | Leighton E. Cluff, M.D. | The Climate of Patient Care and Medical Education |
| 1982 | Daniel D. Federman, M.D. | The Determinants of Human Sexuality |
| 1983 | Purnell W. Choppin, M.D. | Membrane Proteins and Virus Virulence |

Appendix D

SOME AUTUMNAL RECOLLECTIONS

Throughout this volume one will find episodes and anecdotal tales gleaned from the memory banks of various members. These serve to give a glimpse of the delightful flavor of the meetings. A few members have sent a more composite account of what lingers in their recollections of the various meetings they have had the privilege of attending.

David Earle, president in 1978, sent a long letter from which the following comments are excerpted:

Regarding the scientific programs: the Wilson lecture, and later, the Metzger lectures, have been outstanding reviews of the important basic advances. With rare exception these lectures have been the high points of the programs.

Some of the outstanding Wilson lectures include: Arnold Rich's "Visceral Hazards of Hypersensitivity to Drugs" in 1960, Castle's "A Century of Curiosity about Pernicious Anemia" in 1961, Astwood's "Growth Hormone" in 1966, Harrison's "Heart Disease and Heart Failure" in 1968, Lehninger's "Mitochondria and the Physiology of Ca^{2+} " in 1971, Goldstein's "Thymosin" in 1976, Puck's "The New Cell Biology and its Implications for Medicine" in 1977, and Nathan's "The New Genetics" in 1979.

An anthology of the Wilson and Metzger lectures, perhaps issued every ten years, would be useful to all scholarly physicians.

Many of the scientific presentations gave us insight into new, and sometimes old, developments. A few outstanding presentations are listed below:

1963—Joe Holmes' update on "Ultrasound Diagnostic Techniques" (first discussed at the 1954 meetings) surely anticipated by many years the great clinical value of this technique.

1966—Dick Hornick and Ted Woodward's report on the ineffectiveness of typhoid vaccine confirmed the fear of many, and I believe led to concerted efforts to improve the vaccine, which is now available.

1967—George Cahill's "Starvation and Survival" was fascinating.

1971—This year had a number of outstanding papers: Wolf's "Lesson from the Sea for Medicine," Beck's "Growth Hormone," Kunkel's "Varied Nature of the Immune Deficiency Status," and Genest's "New Evidence of Disturbances of Mineralocorticoids in Benign Uncomplicated Hypertension."

1981—Most impressive of all I have heard was Rudy Kampmeier's "Acute Syphilis: Long Term (Upwards to 35 Years) Follow-Up of a Penicillin Treated Group"—Precise science, compassionate, effective clinical approach which resulted in a most heart-warming report.

Mixed with these were a number of not-strictly-scientific papers that were delightful. These include: Christy's "On Fear of Serpents and Ophiolatry" in 1967, Findley's "Sappington's Anti-Fever Pills and Westward Migration" in 1969, and Christy's "Gustav Mahler and His Illnesses" in 1967.

Needless to say, all Presidential Addresses and the after-dinner speeches were instructive, entertaining and much fun. It's hard to single out any particular item—our organization seems to have a very appropriate sense of the times. However, Lew Dexter's Presidential Address in 1972 on "The Chair and Venous-Thrombosis" was provocative, particularly for women worried about varicose veins, and absolutely delightful for all.

Here are a very few anecdotes: 1964—First meeting at the Broadmoor—Many from the East and Midwest traveled by train, first to Denver, and then the car was switched that morning to Colorado Springs. We were fortunate to be next to the Walter Palmers—Walter reminisced, pin-pointing specific areas (e.g. hills and passes where they rode horseback, and as a family later re-explored) where he lived and worked in his younger days. At a small station (“Jerk Water”?) where we stopped briefly, Walter recalled that as a boy he had brought water, and sold popcorn to the passengers. He also pointed out the building where his father practiced medicine. 1965—Somehow at the 1965 Williamsburg meeting the orchestra did not show up for the dinner dance. However, after-dinner drinks and passage of time led to the gathering of a number of people with excellent voices, and the singing went on to the wee hours. Henry Ricketts and Marshall Fulton were the leaders, aided and abetted by several contraltos and sopranos. 1965 (or perhaps 1974)—Some from the Midwest traveled by train to Williamsburg. As we settled into our compartment we observed that Florence and C. Philip Miller had two adjoining compartments which they had opened up into a single large area. Dr. Miller already had his tie off, slippers on, and was comfortably stretched out, ready to watch the passing scene. This set the tone for a wonderful trip. People from Cincinnati later joined the Chicago group, and we were amazed to travel through a snow storm in the Virginia mountains, and to end up enjoying balmy days in Williamsburg. 1973—Another meeting at the Broadmoor. For a bit of nostalgia I arranged train transportation with Amtrak from Chicago to Denver for a hardy group of about 20. Everything went wrong. We had been promised a special meeting place in the Chicago station, special handling of luggage, and single car ahead of time. None of these came off. And our President that year, John Eager Howard and his wife, were put in a car as far away as possible from the car where the rest of us were located. And when we arrived in Denver early Sunday morning, no one connected with Amtrak knew about the bus we had been promised to take us to Colorado Springs. But finally a kindly bus driver was found who rescued us from our dilemma, even though he had to give up his day off. 1975—Bermuda. After many Council meetings where Bermuda had been suggested but voted down, the Council finally decided to poll the membership. The vote for Bermuda was overwhelming. And all agreed that the Bermuda meeting was a great success. President Abernethy’s address on the Bermuda Triangle was most appropriate.

On a personal note, Betty and I have attended all but two of the meetings since 1961. As you probably know, Betty is a “night person,” and rarely gets up before 9 or 10 a.m. Therefore, she has missed most of the business meetings. But in 1977 at the Broadmoor, when she knew that I was to be nominated for President, she arrived at the meeting room some minutes before the business meeting was to begin. When “E” Harvey and Mimi Tilghman saw her come in they laughed out loud and said: “Now we know what a sleepy ‘tip-off’ she was.”

Chuck Carpenter successfully captures the spirit of the Climatological in describing the zeal of A. Murray Fisher for the Association:

Although I am a relatively new member, I got the feeling of the esprit of the Climatological through Murray Fisher, who was one of the most enthusiastic members, both active and emeritus, for 35 years. The Climatological was clearly the professional organization which was most meaningful to him, and I don’t think he missed more than one meeting from 1946 to 1972; he actually attended several meetings after that.

In reviewing Murray’s contributions in preparation of his obituary, I noticed that during the 20-year period from 1946 to 1966, there were only two meetings in which he does not appear in the *Transactions*, either as the author of a paper, or in the recorded discussions of papers presented. He seemed to feel that every paper deserved

at least some discussion, and seemed to feel that it was discourteous to the author if no discussion followed presentation of the manuscript. Although some of Murray's comments appear, in retrospect, to have been more courteous than substantive, there are also a number which were respectfully critical of the data which had been presented. At any rate, his spirit of free, open and wide-ranging discussion of all papers presented, as well as his critical comments, always couched in respectful and courteous terms, very much capture one of the essential elements in the esprit of the Climatological.

I might add that Murray also contributed in a large way by presenting some of his best clinical research for the first, and sometimes the only, time at the Climatological. The presentation of important original clinical investigations, which is perhaps less commonly done at the present, is something which we should try to preserve in the future.

Another element in the unique esprit of the Climatological, which I am sure has been commented on by virtually all of the members, is that it is the only national medical meeting of which I am aware in which the wives (perhaps spouses will be a more appropriate term in the future) have been an absolutely essential ingredient. It is the only medical meeting which Sally regularly attends with me, and I know that this is true for many other members of the Climatological. I have also been impressed by the fact that the wives are as much a part of the organization as their husbands; Lu Fisher continued to attend the meetings, with Sally and me, even after Murray was no longer able to participate actively. I am not aware of any other medical organization in which the wives have been made to feel so much a part of the organization—another critical element of the esprit which characterizes the Climatological.

Ed Orgain has added to our delightful heritage by his thoughtful reminiscences of various events since his first meeting in 1951 when John Minor was president:

My most vivid memories of the Association's meetings were recorded during my first meeting, November 4, 1951, at Skytop Lodge, Skytop, Pennsylvania, following my election in the fall of 1950 at Stockbridge, Massachusetts.

The weather was cold and the frozen ground was covered by a light blanket of snow which prevented golf and tennis, and even walking was difficult and unpleasant.

A large portion of the membership was present in spite of the inclement weather, there being 105 active members and 14 emeritus members registered for the meeting.

I was impressed by the attitude of the membership that the Association was a close family affair and by the friendliness of everyone present.

The meeting was conducted in an atmosphere of intense interest without the raw antagonism evident in some academic scientific meetings. Discussions were welcome and free and with no rancor evident ever.

Being a southerner by birth and inclined to warm weather for meetings, I wondered why no meetings had ever taken place south of the great state of Virginia since 1884, and only four had taken place west of the Mississippi River (Denver, Los Angeles, San Francisco, and Colorado Springs).

As Freshman member, and knowing Dick Tufts, whose family owned the Pinehurst Corporation in North Carolina, I offered, through a Council member, to inquire whether or not they could accommodate a future Association meeting, but no overt action was taken on my offer.

The first meeting in the southern states south of Virginia was held some years later in 1966 at Ponte Vedra, Florida; later in 1969 at Hilton Head Island, South Carolina; and finally in 1978 at Pinehurst, North Carolina.

My first presentation before the Association was made November 4, 1953 at the Homestead in Hot Springs, Virginia. It was positioned by the President, Hugh Morgan, as the final paper of the program on Wednesday morning. Much to my dismay, only a handful of members remained at the meeting to hear it (my lesson—"Never give the last paper on any scientific program if you want your message to be heard").

At this time, I made the strong suggestion that the new members attending meetings for the first time be given a lapel flower to wear for identification so that the older members might make them welcome at the social gathering on Sunday as well as at the meetings themselves beginning Monday, and that each new member be introduced to the Association at the initial meeting on Monday morning. This was finally accomplished and has been a tradition honored each year since.

As I recall, the best major change in the meeting tradition was the abolition of separate dinners for ladies and men and their meeting together later for a joint session. This, I believe, was abolished by George Thorn during his presidential year.

The funniest presentation was delivered by Bill Bean at a Tuesday evening dinner about abdominal navel architecture entitled "Omphalosophy." Only those who heard the presentation can remember the hilarious details.

Appendix E

FORMER OFFICERS

PRESIDENTS

| <i>Name</i> | <i>Year</i> |
|----------------------------------|-------------|
| A. L. LOOMIS | 1884-5 |
| WILLIAM PEPPER | 1886 |
| FRANK DONALDSON | 1887 |
| A. L. LOOMIS | 1888 |
| VINCENT Y. BOWDITCH | 1889 |
| CHARLES DENISON | 1890 |
| FREDERICK I. KNIGHT | 1891 |
| W. E. FORD | 1892 |
| R. G. CURTIN | 1893 |
| A. H. SMITH | 1894 |
| S. E. SOLLY | 1895 |
| J. B. WALKER | 1896 |
| E. FLETCHER INGALS | 1897 |
| E. O. OTIS | 1898 |
| BEVERLEY ROBINSON | 1899 |
| ABRAHAM JACOBI | 1900 |
| ROBERT H. BABCOCK | 1901 |
| SAMUEL A. FISK | 1902 |
| NORMAN BRIDGE | 1903 |
| JAMES C. WILSON | 1904 |
| W. F. R. PHILLIPS | 1905 |
| E. L. SHURLY | 1906 |
| THOMAS DARLINGTON | 1907 |
| THOMAS D. COLEMAN | 1908 |
| CHARLES E. QUIMBY | 1909 |
| EDWARD R. BALDWIN | 1910 |
| JOHN WINTERS BRANNAN | 1911 |
| ALEXANDER D. BLACKADER | 1912 |
| CHARLES L. MINOR | 1913 |
| JAMES M. ANDERS | 1914 |
| HENRY SEWALL | 1915 |
| JAMES ALEXANDER MILLER | 1916 |
| JUDSON DALAND | 1917 |
| JABEZ H. ELLIOTT | 1918 |
| GUY HINSDALE | 1919 |
| LAWRASON BROWN | 1920 |
| CARROLL E. EDSON | 1921 |

| <i>Name</i> | <i>Year</i> |
|-------------------------------------|-------------|
| WILLIAM DUFFIELD ROBINSON | 1922 |
| CHARLES W. RICHARDSON | 1923 |
| GORDON WILSON | 1924 |
| GEORGE W. NORRIS | 1925 |
| DAVID R. LYMAN | 1926 |
| WALTER A. BAETJER | 1927 |
| JOSEPH H. PRATT | 1928 |
| WILLIAM LEROY DUNN | 1929 |
| J. WOODS PRICE | 1929 |
| GERALD B. WEBB | 1930 |
| GEORGE MORRIS PIERSOL | 1931 |
| LOUIS HAMMAN | 1932 |
| GEORGE R. MINOT | 1933 |
| CHARLES D. PARFITT | 1934 |
| WALTER R. STEINER | 1935 |
| L. WHITTINGTON GORHAM | 1936 |
| JAMES E. PAULLIN | 1937 |
| ALPHONSE R. DOCHEZ | 1938 |
| ALVAH H. GORDON | 1939 |
| WILLIAM B. PORTER | 1940 |
| JAMES J. WARING | 1941 |
| C. SIDNEY BURWELL | 1942-6 |
| T. GRIER MILLER | 1947 |
| FRANCIS M. RACKEMANN | 1948 |
| MAURICE C. PINCOFFS | 1949 |
| JOHN T. KING | 1950 |
| JOHN MINOR | 1951 |
| CHESTER M. JONES | 1952 |
| HUGH J. MORGAN | 1953 |
| ROBERT L. LEVY | 1954 |
| HENRY M. THOMAS, JR. | 1955 |
| FRANCIS C. WOOD | 1956 |
| JAMES BORDLEY, III | 1957 |
| JOHNSON MCGUIRE | 1958 |
| GEORGE W. THORN | 1959 |
| MARSHALL N. FULTON | 1960 |
| WORTH B. DANIELS | 1961 |
| EDWARD ROSE | 1962 |
| CHESTER S. KEEFER | 1963 |
| CHARLES W. WAINWRIGHT | 1964 |
| FRANCIS D.W. LUKENS | 1965 |
| CECIL J. WATSON | 1966 |

| <i>Name</i> | <i>Year</i> |
|--------------------------------|-------------|
| WILLIAM B. BEAN | 1967 |
| HOWARD P. LEWIS | 1968 |
| F. TREMAINE BILLINGS, JR. | 1969 |
| THEODORE E. WOODWARD | 1970 |
| A. MCGEHEE HARVEY | 1971 |
| LEWIS DEXTER | 1972 |
| JOHN EAGER HOWARD | 1973 |
| H. ST. GEORGE TUCKER, JR. | 1974 |
| THEODORE J. ABERNETHY | 1975 |
| STEWART WOLF | 1976 |
| S. GILBERT BLOUNT, JR. | 1977 |
| DAVID P. EARLE, JR. | 1978 |
| RICHARD S. ROSS | 1979 |
| R. CARMICHAEL TILGHMAN | 1980 |
| JAMES W. HAVILAND | 1981 |
| GEORGE P. CAHILL, JR. | 1982 |
| ROBERT J. GLASER | 1983 |
| ROBERT AUSTRIAN | 1984 |

VICE-PRESIDENTS

| | |
|---|--------|
| F. I. KNIGHT, W. H. GEDDINGS | 1884-5 |
| FRANK DONALDSON, BEVERLEY ROBINSON | 1886 |
| V. Y. BOWDITCH, R. G. CURTIN | 1887 |
| A. Y. P. GARNETT, J. T. WHITTAKER | 1888 |
| J. R. LEAMING, E. T. BRUEN | 1889 |
| A. L. GIHON, H. B. BAKER | 1890 |
| E. L. TRUDEAU, T. S. HOPKINS | 1891 |
| E. FLETCHER INGALS, BEVERLEY ROBINSON | 1892 |
| A. H. SMITH, E. O. OTIS | 1893 |
| I. HULL PLATT, E. L. TRUDEAU | 1894 |
| JOHN H. MUSSER, G. R. BUTLER | 1895 |
| CHARLES E. QUIMBY, JAMES A. HART | 1896 |
| S. A. FISK, JOHN C. MUNRO | 1897 |
| BEVERLEY ROBINSON, C. F. MCGAHAN | 1898 |
| JAMES A. HART, R. C. NEWTON | 1899 |
| R. H. BABCOCK, J. W. BRANNAN | 1900 |
| ALBERT C. PEALE, S. W. LANGMAID | 1901 |
| NORMAN BRIDGE, W. F. R. PHILLIPS | 1902 |
| JAMES C. WILSON, H. S. ORME | 1903 |
| THOMAS DARLINGTON, THOMAS D. COLEMAN | 1904 |
| S. G. BONNEY, S. D. RISLEY | 1905 |

| <i>Name</i> | <i>Year</i> |
|---|-------------|
| A. D. BLACKADER, HENRY SEWALL | 1906 |
| FRANK FREMONT-SMITH, C. L. MINOR | 1907 |
| JUDSON DALAND, CHARLES FOX GARDINER | 1908 |
| E. R. BALDWIN, C. E. EDSON | 1909 |
| JAMES M. ANDERS, H. LONGSTREET TAYLOR | 1910 |
| WILL HOWARD SWANN, JOHN H. LOWMAN | 1911 |
| HERBERT MAXON KING, CARROLL E. EDSON | 1912 |
| JAMES M. ANDERS, C. D. ALTON | 1913 |
| LAWRASON BROWN, WILL HOWARD SWANN | 1914 |
| ARTHUR K. STONE, JAMES ALEXANDER MILLER | 1915 |
| PHILIP KING BROWN, HENRY M. BRACKEN | 1916 |
| W. L. DUNN, JABEZ H. ELLIOTT | 1917 |
| W. G. SCHAUFFLER, H. M. BRACKEN | 1918 |
| JOSEPH H. PRATT, H. M. KINGHORN | 1919 |
| CHARLES W. RICHARDSON, J. N. HALL | 1920 |
| GORDON WILSON, ESTES NICHOLS | 1921 |
| COL. GEORGE E. BUSHNELL, CHARLES D. PARFITT | 1922 |
| WILL H. SWANN, GEORGE W. NORRIS | 1923 |
| ALEXIUS M. FORSTER, H. R. M. LANDIS | 1924 |
| DAVID R. LYMAN, PHILIP MARVEL | 1925 |
| EARL A. BRUNS, EDWIN A. LOCKE | 1926 |
| JOHN A. LICHTY, GEORGE M. PIERSOL | 1927 |
| GEORGE D. PORTER, JAMES S. MCLESTER | 1928 |
| J. WOODS PRICE, THOMAS A. CLAYTOR | 1929 |
| JOHN P. SAWYER, RAY W. MATSON | 1930 |
| CHARLES N. MEADER, WALTER C. KLOTZ | 1931 |
| PAUL H. RINGER, WILLIAM BRANCH PORTER | 1932 |
| JAMES E. PAULLIN, THOMAS C. KELLY | 1933 |
| CHARLES H. COCKE, ROY D. ADAMS | 1934 |
| THOMAS KLEIN, JOHN T. KING, JR. | 1935 |
| ALVAH H. GORDON, CHAUNCEY W. DOWDEN | 1936 |
| JOHN B. HAWES, II, RALPH H. MAJOR | 1937 |
| JOHN H. MUSSER, JAMES J. WARING | 1938 |
| ROBERT WILSON, RUSSELL L. HADEN | 1939 |
| J. BURNS AMBERSON, JR., HARRY A. BRAY | 1940 |
| BENJAMIN M. BAKER, FRANK A. EVANS | 1941 |
| MAURICE C. PINCOFFS, FRANCIS M. RACKEMANN | 1942-6 |
| JOHN MINOR, JOSEPH T. WEARN | 1947 |
| JOHN T. KING, LEWIS J. MOORMAN | 1948 |
| LORNE C. MONTGOMERY, J. EDWIN WOOD, JR. | 1949 |
| A. CARLTON ERNSTENE, RAY F. FARQUHARSON | 1950 |
| JULIAN M. RUFFIN, WILLIAM B. TERHUNE | 1951 |

| <i>Name</i> | <i>Year</i> |
|--|-------------|
| F. JANNEY SMITH, JOHN B. YOUMANS | 1952 |
| CHARLES R. AUSTRIAN, DONALD S. KING | 1953 |
| DAVID T. SMITH, CHARLES W. WAINWRIGHT | 1954 |
| JAMES M. FAULKNER, JOHNSON MCGUIRE | 1955 |
| FRANCIS D. W. LUKENS, J. EARLE MOORE | 1956 |
| EDWARD ROSE, WILLIAM S. MIDDLETON | 1957 |
| A. MURRAY FISHER, THEODORE J. ABERNETHY | 1958 |
| WORTH B. DANIELS, MARSHALL N. FULTON | 1959 |
| BYRD S. LEAVELL, CECIL J. WATSON | 1960 |
| A. MCGEHEE HARVEY, WALTER L. PALMER | 1961 |
| THOMAS FINDLEY, RICHARD P. STETSON | 1962 |
| WILLIAM B. BEAN, RICHARD B. CAPPS | 1963 |
| HOWARD P. LEWIS, STEWART WOLF | 1964 |
| ROGER O. EGEBERG, RICHARD W. VILTER | 1965 |
| SAMUEL P. ASPER, JR., THOMAS W. MATTINGLY | 1966 |
| LEWIS DEXTER, ARTHUR J. MERRILL | 1967 |
| GEORGE F. CAHILL, JR., THOMAS M. DURANT | 1968 |
| GEORGE S. MIRICK, TRUMAN G. SCHNABEL, JR. | 1969 |
| HARVEY C. KNOWLES, JOHN P. MERRILL | 1970 |
| ROGER S. MITCHELL, HENRY T. RICKETTS | 1971 |
| LEWIS B. FLINN, THORNTON SCOTT | 1972 |
| JAMES W. HAVILAND, THOMAS A. WARTHIN | 1973 |
| S. GILBERT BLOUNT, JR., EDMUND R. YENDT | 1974 |
| ROBERT J. GLASER, HARRISON J. SHULL | 1975 |
| ERNEST CRAIGE, HARPER K. HELLEMS | 1976 |
| FRANK H. GARDNER, TRUMAN G. SCHNABEL, JR. | 1977 |
| FRANK P. BROOKS, RICHARD J. JOHNS | 1978 |
| HERBERT G. LANGFORD, A. CALHOUN WITHAM | 1979 |
| WILLIAM C. THOMAS, JR., HARRY F. ZINSSER, JR. | 1980 |
| SAMUEL P. ASPER, JR., ROBERT AUSTRIAN | 1981 |
| FRED ALLISON, JR., ORVILLE HORWITZ | 1982 |
| RICHARD W. VILTER, RALPH TOMPSETT | 1983 |
| THOMAS H. HUNTER, JAMES A. CLIFTON | 1984 |

SECRETARY-TREASURERS

| | |
|----------------------------|-----------|
| JAMES B. WALKER | 1884-95 |
| GUY HINSDALE | 1895-1918 |
| ARTHUR K. STONE | 1918-33 |
| FRANCIS M. RACKEMANN | 1933-41 |
| JAMES BORDLEY, III | 1941-50 |
| MARSHALL N. FULTON | 1950-58 |

| <i>Name</i> | <i>Year</i> |
|-----------------------------------|-------------|
| F. TREMAINE BILLINGS, JR. | 1958-68 |
| J. EDWIN WOOD, III | 1968-79 |
| RICHARD J. JOHNS | 1979- |

RECORDERS

| | |
|-------------------------------------|---------|
| WILLIAM DUFFIELD ROBINSON | 1918-21 |
| CLEAVELAND FLOYD | 1921-30 |
| FRANCIS B. TRUDEAU | 1930-46 |
| DAVID STRAYHORN | 1946-63 |
| H. ST. GEORGE TUCKER, JR. | 1963-74 |
| DOUGLAS GORDON CARROLL, JR. | 1974-78 |
| NICHOLAS P. CHRISTY | 1978- |

Appendix F

DECEASED MEMBERS

*ORIGINAL MEMBERS

| <i>Date of Election</i> | | <i>Date of Death</i> | <i>Date of Election</i> | | <i>Date of Death</i> |
|-------------------------|---|----------------------|-------------------------|--|----------------------|
| 1888 | ABBOTT, GRIFFITH E., Brooklyn | 1926 | 1936 | BLACKFORD, STAIGE D., Charlottesville, Va. | 1949 |
| 1938 | ABBOTT, W. OSLER, Philadelphia | 1943 | | | |
| 1921 | ADAMS, ROY D., Virginia Beach, Va. | 1966 | 1948 | BLAIN, DANIEL B., Philadelphia | 1982 |
| 1897 | ALDEN, CHARLES H., Pasadena, Calif. | 1906 | 1946 | BLALOCK, ALFRED, Baltimore | 1964 |
| 1890 | ALLEN, HARRISON, Philadelphia | 1897 | 1936 | BLANTON, WYNDHAM B., Richmond | 1960 |
| 1914 | ALSEVER, WILLIAM D., Syracuse | 1925 | 1914 | BLUE, RUPERT, Washington, D.C. | 1948 |
| 1897 | ALTON, CHARLES D., Hartford, Conn. | 1937 | 1897 | BONNEY, S. G., Denver | 1942 |
| 1922 | AMBERSON, J. BURNS, Hillsdale, N.J. | 1979 | 1939 | BORDLEY, JAMES, III, Coopers-town, N.Y. | 1979 |
| 1932 | AMOSS, HAROLD L., Greenwich, Conn. | 1956 | 1931 | BORTREE, L. W., Colorado Springs | 1971 |
| 1899 | ANDERS, JAMES M., Philadelphia | 1936 | 1937 | BORTZ, E. L., Philadelphia | 1971 |
| 1890 | ANDERSON, BOSWELL P., Colorado Springs | 1919 | 1948 | BOSWORTH, HOWARD W., Malibu | 1978 |
| 1932 | ANDRUS, E. COWLES, Baltimore | 1978 | 1889 | BOWDITCH, HENRY I., Boston | 1892 |
| 1951 | APPEL, KENNETH E., Ardmore, Pa. | 1979 | 1885 | BOWDITCH, VINCENT Y., Boston | 1929 |
| 1931 | ARCHIBALD, EDWARD W., Montreal | 1945 | 1937 | BOWEN, BYRON D., Buffalo | 1951 |
| 1884* | ARMOUR, S. G., Brooklyn | 1885 | 1929 | BRADBURY, SAMUEL, Philadelphia | 1947 |
| 1950 | ARMSTRONG, S. HOWARD, Chicago | 1961 | 1931 | BRADLEY, ERNEST B., Lexington, Ky. | 1947 |
| 1900 | ARNOLD, HORACE D., Brookline, Mass. | 1935 | 1891 | BRANNAN, JOHN W., New York | 1936 |
| 1939 | AUSTRIAN, CHARLES R., Baltimore | 1956 | 1897 | BRATTON, W. D., Albuquerque | 1898 |
| 1893 | BABCOCK, ROBERT H., Chicago | 1930 | 1919 | BRAY, HARRY A., Ray Brook, N.Y. | 1956 |
| 1946 | BADGER, THEODORE L., Chestnut Hill, Mass. | 1980 | 1940 | BREED, WILLIAM BRADLEY, Boston | 1944 |
| 1917 | BAETJER, W., Baltimore | 1972 | 1894 | BRIDGE, NORMAN, Los Angeles | 1924 |
| 1915 | BAILEY, WALTER C., Boston | 1938 | 1965 | BROWN, G. MALCOLM, Ottawa, Canada | 1977 |
| 1946 | BAKER, MYLES P., Boston | 1983 | 1903 | BROWN, LAWRASON, Saranac Lake | 1937 |
| 1891 | BALDWIN, EDWARD R., Saranac Lake | 1947 | 1903 | BROWN, PHILIP KING, San Francisco | 1940 |
| 1941 | BARKER, WILLIAM HALSEY, Baltimore | 1949 | 1897 | BROWN, SANGER, Kenilworth, Ill. | 1928 |
| 1901 | BARLOW, W. JARVIS, Los Angeles | 1937 | 1947 | BROWN, W. HURST, Toronto, Ontario | 1964 |
| 1907 | BARNES, HARRY L., Wallum Lake, R.I. | 1934 | 1951 | BROWNE, JOHN S. L., Montreal, Quebec | 1984 |
| 1934 | BARNWELL, JOHN BLAIR, Blairs-town, N.J. | 1966 | 1907 | BROWNING, CHARLES C., Los Angeles | 1939 |
| 1925 | BEARDSLEY, E. J. G., Philadelphia | 1956 | 1884* | BRUEN, E. T., Philadelphia | 1889 |
| 1957 | BECKWITH, JULIAN R., Ivy, Virginia | 1982 | 1919 | BRUNS, EARL H., Denver | 1933 |
| 1885 | BELL, AGRIPPA, N., Brooklyn | 1911 | 1956 | BUNN, PAUL A., Syracuse, N.Y. | 1970 |
| 1902 | BERGTOLD, WILLIAM H., Denver | 1936 | 1940 | BURKE, H. E., Montreal | 1971 |
| 1896 | BERNARDY, E. P., Philadelphia | 1905 | 1946 | BURRAGE, WALTER S., Brookline, Mass. | 1976 |
| 1956 | BIRD, ROBERT M., Bethesda, Md. | 1977 | 1933 | BURWELL, C. SIDNEY, Boston | 1967 |
| 1897 | BLACKADER, ALEXANDER D., Montreal | 1932 | 1909 | BUSHNELL, GEORGE E., Pasadena, Calif. | 1924 |
| | | | 1885 | BUTLER, GLENTWORTH R., Brooklyn | 1926 |
| | | | 1914 | BYERS, JOHN RODDICK, Ganainoyne, Ontario | 1963 |
| | | | 1885 | CABELL, J. L., Millboro Depot, Va. | 1888 |

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| <i>Date of Election</i> | | <i>Date of Death</i> | <i>Date of Election</i> | | <i>Date of Death</i> |
|-------------------------|---|----------------------|-------------------------|---|----------------------|
| 1884 | CAMMANN, D. M., New York | 1928 | 1925 | DOCHEZ, ALPHONSE RAYMOND, New York | |
| 1975 | CAMPBELL, JAMES, Chicago | 1983 | | | 1964 |
| 1896 | CAMPBELL, WILLIAM A., Colo- rado Springs | 1929 | 1884* | DONALDSON, FRANK, SR., Baltimore | 1891 |
| 1967 | CANADA, R. O., White Sulphur Springs, W. Va. | 1973 | 1929 | DOWDEN, CHAUNCEY W., Shelby- ville, Kentucky | 1964 |
| 1948 | CAPPS, RICHARD B., Chicago | 1977 | 1958 | DUNCAN, GARFIELD G., Malvern, Pa. | 1983 |
| 1912 | CARPENTER, FORD A., Los Angeles | 1948 | 1905 | DUNN, WILLIAM LEROY, Ashe- ville, N.C. | 1928 |
| 1969 | CARROLL, DOUGLAS G., JR., Baltimore | 1977 | 1947 | DURANT, THOMAS M., Gladwyne, Pennsylvania | 1977 |
| 1898 | CASSELBERRY, WILLIAM E., Chicago | 1916 | 1922 | DURHAM, KENNON, Cincinnati | 1944 |
| 1927 | CAULFIELD, A. H. W., Toronto | 1940 | 1897 | EDSON, CARROLL E., Denver | 1930 |
| 1925 | CECIL, RUSSELL L., New York | 1965 | 1903 | ELLIOTT, JABEZ H., Toronto | 1942 |
| 1919 | CHADWICK, HENRY D., Waltham, Massachusetts | 1960 | 1802 | ELSNER, HENRY L., Syracuse | 1916 |
| 1887 | CHAMPMAN, S. H., New Haven | 1903 | 1946 | ELSOM, KENDALL A., Philadelphia | 1978 |
| 1894 | CHAPIN, FREDERICK A., Pomfret, Conn. | 1903 | 1950 | EPPINGER, EUGENE, Chestnut Hill, Mass. | 1980 |
| 1946 | CHRISTIAN, HENRY A., Boston | 1951 | 1934 | ERICKSON, REUBEN JOHAN, Santa Fe, N.M. | 1959 |
| 1906 | CLAYTOR, THOMAS A., Washing- ton, D.C. | 1941 | 1936 | ERNSTENE, A. C., Shaker Heights, Ohio | 1971 |
| 1898 | CLEEMANN, RICHARD A., Philadelphia | 1912 | 1885 | ESKRIDGE, JEREMIAH T., Denver | 1902 |
| 1901 | COBB, J. O., Los Angeles | 1935 | 1927 | EVANS, FRANK A., Pittsburgh | 1956 |
| 1922 | COCKE, CHARLES HARTWELL, Asheville, N.C. | 1944 | 1931 | FARLEY, DAVID LABAUVE, Richmond | 1965 |
| 1894 | COLEMAN, THOMAS D., Augusta, Ga. | 1927 | 1937 | FARQUHARSON, RAY FLETCHER, Toronto, Ontario | 1965 |
| 1901 | COLLINS, CHARLES F., New York | 1953 | 1912 | FARRAND, LIVINGSTON, Ithaca, N.Y. | 1939 |
| 1925 | COOKE, ROBERT A., New York | 1960 | 1931 | FARRIS, HUGH A., New Brunswick | 1953 |
| 1889 | COOLIDGE, ALGERNON, JR., Boston | 1939 | 1937 | FAULKNER, JAMES, Brookline, Mass. | 1980 |
| 1935 | COOPER, DAVID ALEXANDER, Philadelphia | 1970 | 1951 | FERRIS, EUGENE B., Atlanta | 1957 |
| 1917 | CRAIG, FRANK A., Haverford, Penna. | 1959 | 1951 | FINDLEY, T., Augusta, Ga. | 1974 |
| 1910 | CRANE, BAYARD T., Rutland, Mass. | 1937 | 1934 | FINNEY, WILLIAM P. JR., Lake Geneva, Wisconsin | 1955 |
| 1918 | CRANKSHAW, CHARLES W., West Hartford, Conn. | 1960 | 1946 | FISHER, A. MURRAY, Baltimore | 1982 |
| 1885 | CURTIN, ROLAND G., Philadelphia | 1913 | 1887 | FISK, SAMUEL A., Brimfield, Mass. | 1915 |
| 1932 | CUSHING, EDWARD HARVEY, Washington, D.C. | 1970 | 1941 | FITZ-HUGH, THOMAS JR., Philadelphia | 1963 |
| 1907 | DACOSTA, JOHN C., JR., Philadelphia | 1919 | 1884* | FLINT, AUSTIN, SR., New York | 1886 |
| 1892 | DALAND, JUDSON, Philadelphia | 1937 | 1902 | FLINT, WILLIAM H., Santa Bar- bara, Calif. | 1930 |
| 1885 | DALY, WILLIAM H., Pittsburgh | 1901 | 1948 | FLIPPIN, HARRISON F., Douglas- ville, Pennsylvania | 1969 |
| 1947 | DANIELS, WORTH B., Washing- ton, D.C. | 1978 | 1910 | FLOYD, C. V., Cambridge, Mass. | 1974 |
| 1890 | DARLINGTON, THOMAS, New York | 1945 | 1927 | FONTAINE, BRYCE W., Memphis | 1929 |
| 1907 | DARNALL, WILLIAM EDGAR, At- lantic City | 1937 | 1909 | FORBES, N. HAY, Church Stret- ton, England | 1916 |
| 1897 | DAVIS, NATHAN S., JR., Chicago | 1920 | 1885 | FORD, WILLIS E., Utica, N.Y. | 1931 |
| 1884* | DENISON, CHARLES, Denver | 1909 | 1917 | FORSTER, ALEXIUS M., Colorado Springs | 1954 |
| 1940 | DETWELLER, H. K., Ontario | 1973 | 1909 | FOSTER, JOHN P. C., New Haven | 1910 |
| 1956 | DINGLE, J. II., Cleveland | 1973 | 1914 | FOX, R. FORTESCUE, London | 1940 |
| 1910 | DIXON, SAMUEL G., Harrisburg, Pa. | 1918 | 1927 | FRAZER, THOMPSON, Newark, N.J. | 1931 |

DECEASED MEMBERS

| <i>Date of Election</i> | | <i>Date of Death</i> | <i>Date of Election</i> | <i>Date of Death</i> |
|-------------------------|---|----------------------|-------------------------|--|
| 1887 | FREMONT-SMITH, FRANK, Winter Park, Fla. | 1922 | 1896 | HEFFRON, JOHN L., Syracuse ... |
| 1911 | FULTON, FRANK TAYLOR, Providence | 1961 | 1918 | HEISE, FRED H., Trudeau, N.Y. ... |
| 1936 | FULTON, MARSHALL N., Bristol, Rhode Island | 1977 | 1912 | HENDERSON, YANDELL, New Haven |
| 1930 | FUNK, ELMER M., Philadelphia .. | 1932 | 1927 | HERMANN, GEORGE R., Del Rio, Texas |
| 1898 | GACHE, SAMUEL, Buenos Aires .. | 1908 | 1941 | HETHERINGTON, HUBERT W., Philadelphia |
| 1948 | GAMMON, GEORGE D., Andalusia, Pa. | 1973 | 1958 | HICKAM, JOHN B., Indianapolis .. |
| 1896 | GARDINER, C. FOX, Colorado Springs | 1947 | 1940 | HIGGINS, WILLIAM H., Richmond, Va. |
| 1884* | GARNETT, ALEXANDER Y. P., Washington, D.C. | 1888 | 1970 | HILLS, A. G., Toledo, Ohio |
| 1919 | GARVIN, ALBERT H., Buffalo | 1952 | 1956 | HILLS, RALPH G., Baltimore |
| 1926 | GAUVAIN, SIR HENRY, M.D., Ch. Hampshire, England | 1945 | 1893 | HINSDALE, GUY, Charlottesville, Va. |
| 1884* | GEDDINGS, W. H., Aiken, S.C. | 1892 | 1902 | HOAGLAND, HENRY W., Palm Springs, Calif. |
| 1925 | GEYELIN, H. RAWLE, New York .. | 1942 | 1889 | HODGES, WILLIAM D., Boston |
| 1927 | GIBBES, JAMES HEYWARD, Columbia, S.C. | 1962 | 1914 | HOLDEN, G. WALTER, Denver |
| 1937 | GIDDINGS, GLENVILLE, Atlanta .. | 1959 | 1950 | HOLMES, JOSEPH H., Denver |
| 1927 | GILBERT, G. BURTON, Colorado Springs | 1951 | 1884* | HOOPER, FRANKLIN H., Boston .. |
| 1884* | GLASGOW, WILLIAM C., St. Louis .. | 1907 | 1932 | HOUSTON, WILLIAM R., Austin, Texas |
| 1922 | GORDON, ALVAH H., Quebec | 1953 | 1944 | HOWLETT, KIRBY S., JR., Southbury, Conn. |
| 1963 | GORDON, EDGAR S., Madison, Wisc. | 1974 | 1905 | HUDDLESTON, JOHN H., New York |
| 1916 | GORGAS, WILLIAM C., Washington, D.C. | 1920 | 1884* | HUDSON, E. DARWIN, New York .. |
| 1921 | GORHAM, L. WHITTINGTON, New York | 1968 | 1940 | HUNT, HENRY D., Saratoga Springs, N.Y. |
| 1911 | GRENFELL, SIR WILFRED T., St. Anthony, Newfoundland | 1940 | 1892 | HUTCHINSON, WILLIAM F., Providence |
| 1907 | GRIFFIN, WALTER A., Sharon, Mass. | 1976 | 1884* | INGALS, E. FLETCHER, Chicago .. |
| 1914 | GROS, EDMUND L., Chester, Pa. | 1942 | 1889 | JACOBI, ABRAHAM, New York |
| 1930 | HABLISTON, CHARLES C., Baltimore | 1935 | 1885 | JARVIS, W. C., New York |
| 1925 | HADEN, RUSSELL L., Crozet, Va. | 1952 | 1929 | JENNINGS, ALPHEUS F., Detroit .. |
| 1956 | HALL, BYRON E., San Francisco .. | 1964 | 1901 | JENNINGS, CHARLES G., Detroit .. |
| 1907 | HALL, JOSIAH N., Denver | 1939 | 1884* | JOHNSTON, HOMER A., Chicago .. |
| 1950 | HALSTED, JAMES A., Amherst, Mass. | 1984 | 1915 | JOHNSTON, COLLINS H., Grand Rapids, Michigan |
| 1957 | HAMBURGER, MORTON, Cincinnati | 1970 | 1884* | JOHNSTON, W. W., Washington, D.C. |
| 1912 | HAMMAN, LOUIS, Baltimore | 1946 | 1938 | JONES, C. M., Boston |
| 1893 | HANCE, IRWIN H., Lakewood, N.J. | 1929 | 1947 | JONES, EDGAR, Nashville, Tenn. |
| 1935 | HANES, FREDERIC M., Durham, N.C. | 1946 | 1940 | JONES, O. R., New York |
| 1922 | HARLOW, WILLIAM P., Boulder, Colo. | 1925 | 1934 | JONES, T. DUCKETT, New York .. |
| 1969 | HARRISON, TINSLEY R., Birmingham, Alabama | 1978 | 1910 | KAHLO, GEORGE D., White Sulphur Springs |
| 1933 | HARROP, GEORGE A., Princeton, N.J. | 1945 | 1885 | KEATING, JOHN M., Philadelphia .. |
| 1891 | HART, JOSEPH A., Colorado Springs | 1925 | 1933 | KEEFER, C., Boston |
| 1922 | HART, WILLIAM M., Ottawa | 1923 | 1926 | KEIDEL, ALBERT, Baltimore |
| 1914 | HAWES, JOHN B. 2ND, Boston | 1938 | 1928 | KELLY, THOMAS C., Germantown, Pa. |
| 1932 | HAYES, J. N., Saranac Lake | 1971 | 1932 | KERN, RICHARD A., Wynnewood, Pa. |
| | | | 1935 | KING, DONALD S., Hanover, New Hampshire |
| | | | 1904 | KING, HERBERT MAXON, Liberty, N.Y. |
| | | | 1925 | KING, JOHN T., Baltimore |
| | | | 1907 | KINGHORN, HUGH M., Saranac Lake |

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| <i>Date of Election</i> | | <i>Date of Death</i> | <i>Date of Election</i> | | <i>Date of Death</i> |
|-------------------------|---|----------------------|-------------------------|--|----------------------|
| 1899 | KLEBS, ARNOLD C., Switzerland | 1942 | 1937 | MACKENZIE, GEORGE MINER, Cooperstown, N.Y. | 1952 |
| 1922 | KLEIN, THOMAS, Bala Cynwyd, Pa. | 1970 | 1938 | MACKIE, THOMAS T., Westport, Conn. | 1955 |
| 1917 | KLOTZ, WALTER C., New York | 1941 | 1958 | MACLEOD, C. M., New York | 1972 |
| 1949 | KNEELAND, YALE, Millbrook, New York | 1970 | 1925 | MAJOR, R. H., Kansas City, Kansas | 1971 |
| 1884 | KNIGHT, FREDERICK I., Boston | 1909 | 1935 | MANIER, JOHN OWSLEY, Nashville, Tenn. | 1956 |
| 1967 | KNOWLES, JOHN H., New York | 1979 | 1929 | MARCY, C. HOWARD, Pittsburgh | 1959 |
| 1921 | KRAUSE, ALLEN K., Providence | 1941 | 1934 | MARTIN, LAY, Baltimore | 1977 |
| 1884* | KRETSCHMAR, PAUL H., Brooklyn | 1891 | 1946 | MARTIN, WALTER B., Norfolk, Va. | 1966 |
| 1970 | KUNKEL, HENRY, New York | 1983 | 1902 | MARVEL, PHILIP, Atlantic City | 1938 |
| 1903 | KYLE, D. BRADEN, Philadelphia | 1916 | 1917 | MARVIN, CHARLES F., Washington, D.C. | 1943 |
| 1887 | LANGMAID, SAMUEL W., North Sutton, N.H. | 1915 | 1946 | MATEER, JOHN G., Detroit | 1966 |
| 1932 | LATHROPE, GEORGE H., Huntington, W. Va. | 1975 | 1917 | MATSON, RALPH C., Portland, Oregon | 1945 |
| 1928 | LAWRENCE, CHARLES HENRY, Brookline, Mass. | 1945 | 1917 | MATSON, RAY W., Portland, Oregon | 1934 |
| 1935 | LAWRENCE, JOHN S., Redlands, Cal. | 1983 | 1928 | MAYER, EDGAR, New York | 1975 |
| 1884* | LEAMING, JAMES R., New York | 1893 | 1887 | MAYS, THOMAS J., Philadelphia | 1918 |
| 1949 | LEAVELL, BYRD S., Charlottesville, Va. | 1979 | 1902 | MCBRIDE, JAMES H., Pasadena, Calif. | 1928 |
| 1914 | LEE, ROGER L., Brookline, Mass. | 1966 | 1930 | MCCAIN, PAUL PRESSLY, Sanatorium, N.C. | 1946 |
| 1899 | LE FEVRE, EGBERT, New York | 1914 | 1920 | MCCANN, W. S., Rochester, N.Y. | 1971 |
| 1927 | LEMANN, ISAAC I., New Orleans, La. | 1937 | 1932 | McCLELLAN, WALTER S., Bethesda, Md. | 1974 |
| 1955 | LEONARD, JOHN C., Hartford, Conn. | 1966 | 1935 | MC CONKEY, MACK, Saranac Lake | 1958 |
| 1932 | LEVY, ROBERT L., New York | 1975 | 1894 | MCGAHAN, CHARLES F., Aiken, S.C. | 1910 |
| 1914 | LICHTY, JOHN A., Clifton Springs, N.Y. | 1932 | 1955 | MC GEE, LEMUEL C., Wilmington, Delaware | 1975 |
| 1952 | LILIENTHAL, JOSEPH L., JR., Baltimore | 1955 | 1947 | MC GUIRE, JOHNSON, Cincinnati, Ohio | 1977 |
| 1890 | LINCOLN, RUFUS P., New York | 1902 | 1921 | MCLESTER, JAMES S., Birmingham, Alabama | 1954 |
| 1908 | LISTON, W. GLEN, Edinburgh, Scotland | 1953 | 1925 | McMILLAN, THOMAS M., Mobile, Alabama | 1977 |
| 1918 | LITCHFIELD, LAWRENCE, Philadelphia | 1930 | 1949 | MCNEE, SIR JOHN W., Hampshire, England | 1984 |
| 1917 | LLOYD, JOHN J., Rochester, N.Y. | 1944 | 1929 | MC PHEDRAN, F. M., Philadelphia | 1972 |
| 1909 | LOCKE, E. A., Wilton, New Hampshire | 1971 | 1917 | MEADER, CHARLES N., Denver | 1966 |
| 1890 | LOMBARD, HENRY C., Switzerland | 1894 | 1915 | MERCUR, WILLIAM H., Pittsburgh | 1933 |
| 1912 | LONGCOPE, WARFIELD T., Lee, Mass. | 1953 | 1953 | MERRILL, JOHN P., Boston, Mass. | 1984 |
| 1885 | LONGWELL, R. M., Santa Fe, N.M. | 1894 | 1922 | METZGER, JEREMIAH, Tucson, Ariz. | 1958 |
| 1884* | LOOMIS, ALFRED L., New York | 1895 | 1947 | MIDDLETON, WILLIAM S., Madison, Wisconsin | 1975 |
| 1896 | LOOMIS, HENRY P., New York | 1907 | 1919 | MILLER, ARTHUR F., Kentville, Nova Scotia | 1966 |
| 1955 | LOOSLI, CLAYTON G., Los Angeles | 1976 | 1905 | MILLER, JAMES ALEXANDER, New York | 1948 |
| 1913 | LORD, FREDERICK T., Boston | 1941 | 1928 | MILLER, SIDNEY R., Baltimore | 1949 |
| 1904 | LOWMAN, JOHN H., Cleveland | 1919 | 1932 | MILLER, T. GRIER, Philadelphia | 1981 |
| 1949 | LUKENS, FRANCIS D. W., Pittsburgh | 1978 | 1934 | MILLS, CHARLES WILSON, Tucson, Ariz. | 1945 |
| 1936 | LUNT, LAWRENCE K., Santa Fe, N.M. | 1968 | 1909 | MINER, CHARLES H., Wilkes-Barre, Pa. | 1959 |
| 1907 | LYMAN, DAVID R., Wallingford, Conn. | 1956 | | | |
| 1947 | MACHELLA, THOMAS E., Philadelphia | 1962 | | | |

DECEASED MEMBERS

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| <i>Date of Election</i> | | <i>Date of Death</i> | <i>Date of Election</i> | <i>Date of Death</i> |
|-------------------------|--|----------------------|-------------------------|---|
| 1899 | MINOR, CHARLES L., Asheville, N.C. | | 1887 | PEALE, ALBERT C., Washington |
| 1934 | MINOR, JOHN, Washington, D.C. | 1928 | 1900 | PEARCE, F. SAVAGE, Philadelphia |
| 1925 | MINOT, GEORGE R., Brookline, Mass. | 1961 | 1930 | PEPPER, O. H. PERRY, Villanova, Pa. |
| 1953 | MIRICK, GEORGE S., New York | 1950 | 1884* | PEPPER, WILLIAM, Philadelphia |
| 1947 | MOHR, CHARLES F., San Diego | 1983 | 1906 | PERKINS, JAY, Providence, R.I. |
| 1931 | MONOD, GUSTAVE, Vichy, France | 1960 | 1914 | PHILIP, SIR ROBERT W., Scotland |
| 1917 | MONTGOMERY, CHARLES M., Oteen, N.C. | 1932 | 1895 | PHILLIPS, WILLIAM F. R., Charleston, S.C. |
| 1891 | MOORE, H. B., Colorado Springs | 1932 | 1917 | PIERSOL, GEORGE MORRIS, Wynnwood, Pa. |
| 1933 | MOORE, JOHN WALKER, Louisville, Ky. | 1900 | 1947 | PILLSBURY, DONALD M., Rosemont, Pa. |
| 1937 | MOORE, JOSEPH EARLE, Baltimore | 1952 | 1926 | PINCOFFS, MAURICE CHAS., Baltimore |
| 1923 | MOORMAN, LEWIS J., Oklahoma City, Okla. | 1958 | 1887 | PLATT, WALTER B., Baltimore |
| 1887 | MORGAN, ETHELBERT C., Washington, D.C. | 1954 | 1917 | PORTER, GEORGE D., Toronto |
| 1930 | MORGAN, HUGH J., Nashville, Tenn. | 1891 | 1922 | PORTER, WILLIAM BRANCH, Richmond, Va. |
| 1909 | MORGAN, JAMES D., Washington, D.C. | 1961 | 1902 | POTTENGER, F. M., Monrovia, Calif. |
| 1932 | MORRIS, WILLIAM H., Hamden, Conn. | 1980 | 1905 | PRATT, JOSEPH H., Boston |
| 1977 | MORSE, STEPHEN I., Brooklyn | 1980 | 1917 | PRICE, J. WOODS, Saranac Lake |
| 1956 | MOSELEY, VINCE, Charleston, S.C. | 1980 | 1904 | PRIOLEAU, WILLIAM H., Asheville, N.C. |
| 1919 | MOUNT, WALTER B., Montclair, N.J. | 1918 | 1922 | PRITCHARD, STUART, Battle Creek, Mich. |
| 1890 | MULHALL, J. C., St. Louis, Mo. | 1900 | 1905 | PRYOR, JOHN H., Buffalo |
| 1933 | MULHOLLAND, HENRY B., Charlottesville, Va. | 1966 | 1881 | QUIMBY, CHARLES E., New York |
| 1949 | MUSCHENHEIM, CARL, New York | 1977 | 1928 | RACKEMANN, F. M., Boston |
| 1921 | MUSSER, JOHN H., New Orleans, La. | 1917 | 1891 | RANSOM, C. C., New York |
| 1885 | MUSSER, JOHN O., Philadelphia | 1912 | 1919 | RATHBURN, WALTER L., Cassadaga, N.Y. |
| 1953 | NEWMAN, E. V., Nashville, Tenn. | 1973 | 1884* | REED, BOARDMAN, Alhambra, Cal. |
| 1907 | NICHOLS, ESTES, Portland, Maine | 1911 | 1890 | REED, JACOB, Colorado Springs |
| 1927 | NICHOLSON, SAMUEL T., JR., Pottstown, Pa. | 1966 | 1885 | RICE, C. C., New York |
| 1941 | NICHOLSON, WILLIAM, Durham, N.C. | 1974 | 1962 | RICH, ARNOLD R., Baltimore |
| 1917 | NILES, WALTER L., New York | 1911 | 1923 | RICH, HERBERT M., Detroit |
| 1915 | NORRIS, GEORGE W., Dimock, Pa. | 1966 | 1946 | RICHARDS, D. W., New York |
| 1888 | NUNN, RICHARD J., Savannah, Ga. | 1911 | 1901 | RICHARDSON, CHARLES W., Washington |
| 1884* | ORME, HENRY S., Los Angeles | 1912 | 1904 | RICHER, A. J., Quebec, Canada |
| 1888 | OTIS, E. O., Boston | 1933 | 1957 | RICKETTS, HENRY T., Chicago |
| 1921 | PACKARD, EDWARD N., Saranac Lake | 1968 | 1946 | RIGGINS, H. M., New York |
| 1934 | PADDOCK, BRACE W., Pittsfield, Mass. | 1935 | 1917 | RINGER, PAUL H., New York |
| 1885 | PALMER, A. B., Ann Arbor, Mich. | 1888 | 1926 | RIST, E., Paris |
| 1913 | PARFITT, CHARLES D., Toronto | 1951 | 1927 | ROBERTS, STEWART R., Atlanta |
| 1888 | PARRISH, JOSEPH, Burlington, N.J. | 1890 | 1927 | ROBEY, WILLIAM HENRY, Boston |
| 1912 | PATERSON, ROBERT C., Saranac Lake | 1921 | 1884* | ROBINSON, BEVERLEY, New York |
| 1938 | PAUL, J. R., New Haven | 1971 | 1890 | ROBINSON, WILLIAM D., Philadelphia |
| 1921 | PAULLIN, JAMES E., Atlanta | 1951 | 1902 | ROCHESTER, DELANCEY, Buffalo |
| | | | 1885 | ROCHESTER, THOMAS F., Buffalo |
| | | | 1802 | ROE, JOHN O., Rochester, N.Y. |
| | | | 1890 | ROGERS, E. J. A., Denver |
| | | | 1910 | ROGERS, SIR LEONARD, Cornwall, England |
| | | | 1923 | ROLLIER, AUGUST, Leysin, Switzerland |
| | | | 1932 | ROOT, HOWARD F., Brookline, Mass. |
| | | | 1934 | ROSS, JAMES BROBIE, Montreal |

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| <i>Date of Election</i> | | <i>Date of Death</i> | <i>Date of Election</i> | | <i>Date of Death</i> |
|-------------------------|--|----------------------|-------------------------|--|----------------------|
| 1891 | RUEDI, CARL, Arosa, Switzerland | 1901 | 1892 | STONE, WILLIAM C., Lakewood, N.J. | 1894 |
| 1940 | RUFFIN, JULIAN MEADE, Durham, N.C. | 1978 | 1890 | STORNDART, A. C., Salt Lake City | 1893 |
| 1920 | RUFFIN, STERLING, Washington, D.C. | 1919 | 1940 | STRAYHORN, DAVID, Nashville, Tenn. | 1980 |
| 1917 | RUSSELL, NELSON G., Buffalo | 1956 | 1925 | STROUD, WILLIAM D., Philadelphia | 1959 |
| 1951 | RUSSELL, NELSON G., JR., Buffalo | 1982 | 1911 | STUPART, SIR ROBERT F., Toronto | 1940 |
| 1904 | SANDWICH, FLEMING M., London | 1918 | 1932 | STURGIS, CYRUS C., Ann Arbor, Mich. | 1966 |
| 1918 | SAWYER, JOHN P., Cleveland | 1945 | 1898 | SUNDERLAND, SEPTIMUS, London | 1950 |
| 1947 | SCHAFFER, ALEXANDER J., Baltimore | 1981 | 1910 | SWANN, JOHN W., Rochester, N.Y. | 1949 |
| 1884* | SCHAUFFLER, EDWARD W., Kansas City, Mo. | 1916 | 1901 | SWANN, WILL HOWARD, Colorado Springs | 1932 |
| 1905 | SCHAUFFLER, WILLIAM G., Princeton, N.J. | 1933 | 1892 | TAYLOR, H. LONGSTREET, St. Paul, Minn. | 1932 |
| 1926 | SCHLEITER, HOWARD G., Pittsburgh | 1947 | 1907 | TAYLOR, J. GURNEY, Milwaukee | 1956 |
| 1935 | SCHNABEL, T. G., Philadelphia | 1971 | 1896 | TAYLOR, J. MADISON, Philadelphia | 1931 |
| 1901 | DESCHWEINITZ, E. A., Washington, D.C. | 1904 | 1931 | THOMAS, HENRY M., JR., Baltimore | 1966 |
| 1931 | SEVIER, JOHN ALSTON, Colorado Springs | 1961 | 1887 | THOMAS, J. CAREY, Baltimore | 1898 |
| 1901 | SEWALL, HENRY, Denver | 1936 | 1910 | THOMAS, JOHN D., Washington | 1946 |
| 1915 | SHATTUCK, G. C., Boston | 1972 | 1929 | THORBURN, GRANT, Waynesboro, Pa. | 1966 |
| 1947 | SHERMAN, W. B., New York | 1971 | 1934 | TRASK, JAMES DOWLING, New Haven, Conn. | 1942 |
| 1918 | SHORTLE, A. G., Albuquerque | 1922 | 1885 | TRUDEAU, EDWARD L., Saranac Lake | 1915 |
| 1910 | SHURLY, BURT R., Detroit | 1950 | 1920 | TRUDEAU, FRANCIS B., Saranac Lake | 1956 |
| 1884* | SHURLY, ERNEST L., Detroit | 1913 | 1957 | TUCKER, WILLIAM B., Gainesville, Fla. | 1979 |
| 1949 | SIMMONS, JAMES S., Boston | 1954 | 1884* | TYNDALE, J. HILGARD, Lincoln, Neb. | 1929 |
| 1953 | SKAVLEM, J. H., Cincinnati | 1974 | 1885 | VAN BIBBER, W. C., Baltimore | 1892 |
| 1890 | SMITH, A. ALEXANDER, New York | 1915 | 1934 | WAINWRIGHT, CHARLES W., Baltimore | 1983 |
| 1885 | SMITH, ANDREW H., Geneva, N. Y. | 1910 | 1941 | WALKER, HENRY, Richmond, Va. | 1968 |
| 1919 | SMITH, CHARLES E., St. Paul, Minn. | 1921 | 1884* | WALKER, JAMES B., Philadelphia | 1910 |
| 1927 | SMITH, F. JANNEY, 36 Farms, Michigan | 1966 | 1975 | WANNAMAKER, LEWIS W., Minneapolis, Minn. | 1983 |
| 1927 | SMITH, JAMES H., Richmond, Va. | 1953 | 1917 | WARD, D. DeCOURCEY, Cambridge, England | 1931 |
| 1933 | SMITH, W. A., Charleston, S.C. | 1971 | 1929 | WARING, JAMES J., Denver | 1962 |
| 1917 | SMITH, WILLIAM H., Boston | 1961 | 1936 | WARNER, WILFRED P., Ottawa | 1956 |
| 1925 | SNOWDEN, ROY R., Pittsburgh, Pennsylvania | 1969 | 1917 | WATERS, BERTRAM H., New York | 1927 |
| 1887 | SOLLY, S. EDWIN, Colorado Springs | 1906 | 1947 | WATSON, CECIL J., Minneapolis, Minn. | 1983 |
| 1927 | SOPER, WILLARD B., New Haven | 1939 | 1917 | WEBB, GERALD B., Colorado Springs | 1948 |
| 1925 | SPRUNT, THOMAS P., Baltimore | 1955 | 1902 | WEBER, F. PARKES, London, England | 1962 |
| 1911 | STEINER, WALTER R., Hartford, Conn. | 1942 | 1897 | WEBER, SIR HERMANN, London | 1918 |
| 1937 | STETSON, RICHARD P., Chestnut Hill, Mass. | 1983 | 1885 | WEBER, LEONARD, New York | 1912 |
| 1909 | STEVENS, MARTIN L., Asheville, N.C. | 1940 | 1951 | WEINSTEIN, ALBERT, Nashville, Tenn. | 1963 |
| 1919 | STEWART, DAVID A., Ninette, Manitoba | 1937 | 1884* | WESTBROOK, B. F., Brooklyn | 1891 |
| 1890 | STILLÉ, ALFRED, Philadelphia | 1900 | | | |
| 1904 | STONE, ARTHUR K., Framingham Centre, Mass. | 1952 | | | |
| 1915 | STONE, WILLARD J., Pasadena, Calif. | 1943 | | | |

DECEASED MEMBERS

| <i>Date of Election</i> | | <i>Date of Death</i> | <i>Date of Election</i> | | <i>Date of Death</i> |
|-------------------------|-----------------------------------|----------------------|-------------------------|------------------------------------|----------------------|
| 1896 | WHITCOMB, HARRY H., Norris- | | 1910 | WILSON, GORDON, Baltimore | 1932 |
| | town, Pa. | 1916 | 1889 | WILSON, H. M., JR., Pueblo, | |
| 1922 | WHITE, P. D., Boston | 1974 | | Colo. | 1894 |
| 1940 | WHITE, T. PRESTON, Charlotte, | | 1884* | WILSON, JAMES C., Philadelphia . | 1934 |
| | N.C. | 1966 | 1917 | WILSON, ROBERT, Charleston, | |
| 1911 | WHITE, WILLIAM CHARLES, | | | S.C. | 1946 |
| | Washington, D.C. | 1947 | 1967 | WISWELL, JOHN G., Baltimore . . | 1981 |
| 1898 | WHITNEY, HERBERT B., Denver . . | 1948 | 1929 | WOLFERTH, CHARLES C., | |
| 1957 | WIGHTMAN, K. J. R., Ontario, | | | Philadelphia | 1966 |
| | Canada | 1978 | 1932 | WOOD, J. EDWIN, JR., Char- | |
| 1904 | WILDER, JOHN A., Denver | 1911 | | lottesville, Va. | 1982 |
| 1897 | WILLIAMS, CHARLES T., London . . | 1912 | 1913 | WOOD, NATHANIEL K., Cam- | |
| 1898 | WILLIAMS, HAROLD, Boston | 1926 | | bridge, Mass. | 1952 |
| 1885 | WILLIAMS, HERBERT F., | | 1946 | WOODYATT, R. T., Chicago | 1953 |
| | Brooklyn | 1932 | 1917 | WRIGHT, SIR ALMROTH, London . | 1947 |
| 1907 | WILLIAMS, LEONARD L. B., | | 1933 | WYCKOFF, JOHN H., New York . . | 1937 |
| | London | 1939 | 1901 | WYMAN, WALTER, Washington, | |
| 1911 | WILLIAMS, LINSLEY R., New York | 1934 | | D.C. | 1911 |
| 1938 | WILMER, HARRY BOND, | | 1934 | YOUMANS, JOHN BARLOW, | |
| | Philadelphia | 1943 | | Franklin, Tenn. | 1979 |

This list of deceased members is correct to May 1, 1984, the last day on which the printer could allow changes in the volume. Because several months often elapse between a member's death and our notification, the lists of deceased, active, emeritus, and honorary members should not be considered completely up-to-date.

Appendix G

PRESENT MEMBERS

HONORARY MEMBERS

Elected

- 1982 BUTTERFIELD, SIR JOHN W. H., Clinical School, Addenbrooke's Hospital, Hills Road, Cambridge CB2 2QQ England
1962 CASTLE, WILLIAM B., 22 Irving Street, Brookline, Massachusetts 02146

EMERITUS MEMBERS

Elected

- 1946 ABERNETHY, THEODORE J., Suite 300, 916 19th Street, N.W., Washington, D.C. 20006
1940 ADAMS, F. DENNETTE, 80 Craftsland Road, Chestnut Hill, Massachusetts 02167
1941 ALLAN, WARDE B., P.O. Box 97, Garrison, Maryland 21055
1958 ASPER, SAMUEL P., Education Commission for Foreign Medical Graduates, 3624 Market Street, Philadelphia, Pennsylvania 19104
1955 AUSTRIAN, ROBERT, Hospital of the University of Pennsylvania, Department of Research Medicine, Philadelphia, Pennsylvania 19104
1935 BAKER, BENJAMIN M., 9 East Chase Street, Baltimore, Maryland 21202
1938 BAKER, JAMES P., 107 McClung Street, Lewisburg, West Virginia 24901
1951 BEAN, WILLIAM B., Department of Internal Medicine, University of Iowa College of Medicine, Iowa City, Iowa 52242
1951 BEEBE, RICHARD T., Albany Medical College, Albany, New York 12208
1947 BILLINGS, F. TREMAINE, JR., 420 Medical Arts Building, 21st and Garland Avenue, S., Nashville, Tennessee 37212
1938 BLAND, EDWARD F., Massachusetts General Hospital, Boston, Massachusetts 02114
1962 BLOUNT, MAJ. GEN. ROBERT E., University of Mississippi Medical School, 2500 North State Street, Jackson, Mississippi 39216
1956 BLOUNT, S. GILBERT, JR., University of Colorado Health Sciences Center, 4200 East Ninth Avenue, Denver, Colorado 80262
1961 BLUEMLE, LEWIS W., JR., Thomas Jefferson University, 1025 Walnut Street, Philadelphia, Pennsylvania 19010

- 1972 BRADLEY, STANLEY E., Universitat Bern, Institut fur Klinische Pharmakologie, Murtenstrasse 35, Switzerland
- 1961 BROOKS, FRANK P., Hospital of the University of Pennsylvania, 3400 Spruce Street, Philadelphia, Pennsylvania 19104
- 1949 BROWN, THOMAS MCP., 814 South 26th Place, Arlington, Virginia 22202
- 1951 BROWNE, JOHN S. L., 900 Sherbrooke Street, West, Apartment 100, Montreal 110, P.Q., Quebec, Canada
- 1952 BRUES, AUSTIN M., Argonne National Laboratories, 9700 South Cass-Room 203-J147, Argonne, Illinois 60439
- 1964 BURROWS, BELTON A., The Doctor's Building, 720 Harrison Avenue, Boston, Massachusetts 02118
- 1962 BUTT, HUGH R., Mayo Clinic, Rochester, Minnesota 55901
- 1965 CAMERON, DOUGLAS G., The Montreal General Hospital, 1650 Cedar Avenue, Montreal, H3G 1A4, Quebec, Canada
- 1961 CHALMERS, THOMAS C., Mount Sinai Medical Center, One Gustave L. Levy Place, New York, New York 10029
- 1962 CLAIBORNE, T. STERLING, 455 West Wesley Road, N.W., Atlanta, Georgia 30305
- 1961 CONNOR, THOMAS B., University of Maryland, School of Medicine, Baltimore, Maryland 21201
- 1954 COURNAND, ANDRÉ, College of Physicians & Surgeons, Columbus University, 630 W. 168th Street, New York, NY 10032
- 1954 CRAIGE, ERNEST, University of North Carolina, Department of Medicine, 338 Clinical Science Building 229H, Chapel Hill, North Carolina 27514
- 1966 CRISPELL, KENNETH R., University of Virginia Hospital, Health Sciences, P.O. Box 423, Charlottesville, Virginia 22908
- 1962 CULVER, PERRY J., Massachusetts General Hospital, Fruit Street, Boston, Massachusetts 02114
- 1954 DELP, MAHLON, 6131 Terrydale Road, Merriam, Kansas 66202
- 1949 DEXTER, LEWIS, 108 Upland Road, Brookline, Massachusetts 02146
- 1959 EARLE, DAVID P., JR., 764 Locust Street, Winnetka, Illinois 60093
- 1953 EBERT, ROBERT H., Milbank Memorial Fund, One East 75th Street, New York, New York 10021
- 1952 EGEBERG, ROGER O., Room 717-H, 200 Independence Ave., S.W., Washington, D.C. 20201
- 1961 ELIEL, LEONARD P., Veterans Administration Hospital, American Lake, Tacoma, Washington 98493
- 1952 ELLIS, DANIEL S., Suite 037B, 15 Parkman Street, Boston, Massachusetts 02114

- 1946 ELLIS, LAURENCE B., 319 Longwood Avenue, Boston, Massachusetts 02115
- 1948 EMERSON, KENDALL, JR., 81 Summit Avenue, Brookline, Massachusetts 02146
- 1978 FARBER, SAUL J., New York University School of Medicine, 550 First Avenue, New York, New York 10016
- 1949 FEENEY, NEIL, 27 Holton Avenue, Westmount, Montreal P.Q., Canada H34 2E9
- 1957 FILLEY, GILES F., University of Colorado Medical Center, Denver, Colorado 80262
- 1961 FITZ, REGINALD H., Box 505, Woodstock, Vermont 05091
- 1950 FLINN, LEWIS B., Cokesbury Village, Box 46, Hockessin, Delaware 19707
- 1954 FORKNER, CLAUDE E., P.O. Box 820, DeLand, Florida 32720
- 1957 FOSTER, FRANK P., 15 Pinewood Village, West Lebanon, New Hampshire 03784
- 1949 FRANCE, RICHARD, 5134 Stanford Drive, Nashville, Tennessee 37215
- 1974 FRIEDLICH, ALLAN L., Ambulatory Care Center, 15 Parkman Street, Suite 375, Boston, Massachusetts 02114
- 1954 FULLERTON, CHARLES W., Suite 716, 1414 Drummond Street, Montreal, Quebec, H3G 1W1, Canada
- 1960 FURMAN, ROBERT H., Eli Lilly and Company, 307 East McCarty Street, Indianapolis, Indiana 46285
- 1970 FUTCHER, PALMER H., 273 South Third Street, Philadelphia, Pennsylvania 19106
- 1960 GARDNER, FRANK H., University of Texas Medical Branch, Research Hematology-Oncology Laboratory, Galveston, Texas 77550
- 1964 GLASER, ROBERT J., The Henry J. Kaiser Family Foundation, 525 Middlefield Road, Menlo Park, California 94025
- 1949 GRAHAM, JOHN R., Faulkner Hospital, Allandale at Centre Street, Jamaica Plain, Massachusetts 02130
- 1957 GUNDERSEN, SVEN M., Box 206, Hanover, New Hampshire 03755
- 1966 HAGEMANN, PAUL O., 224 South Woods Mill Road, Suite 410, Chesterfield, Missouri 63017
- 1946 HARVEY, A. MCGEHEE, The Johns Hopkins University School of Medicine, Turner 30, 720 Rutland Avenue, Baltimore, Maryland 21205
- 1961 HARVEY, JOHN C., Georgetown University Hospital, 3800 Reservoir Road, N.W., Room 2201, Washington, DC 20007
- 1961 HARVEY, W. PROCTOR, Georgetown University Hospital, 3800 Reservoir Road, N.W., Washington, D.C. 20007

- 1962 HAVILAND, JAMES W., 721 Minor Avenue, Seattle, Washington 98104
- 1948 HINSHAW, H. CORWIN, 450 Sutter Street, Suite 1023, San Francisco, California 94108
- 1963 HOLLING, HERBERT E., Ivy Mills, Box 39E, R.D. 2, Glen Mills, Pennsylvania 19342
- 1957 HORWITZ, ORVILLE, 829 Spruce Street, Suite 407, Philadelphia, Pennsylvania 19107
- 1946 HOWARD, JOHN EAGER, Johns Hopkins Hospital, 600 N. Wolfe Street, Baltimore, Maryland 21205
- 1961 HUNTER, THOMAS H., Box 212, Keswick, Virginia 22947
- 1960 JAMES, G. WATSON, III, Virginia Commonwealth University, Health Sciences Division, Box 113, Richmond, Virginia 23219
- 1966 JANUARY, LEWIS E., Department of Medicine, University Hospitals, Iowa City, Iowa 52242
- 1958 JENKINS, DANIEL E., Baylor College of Medicine, Department of Medicine, 6560 Fannin Street, Suite 1608, Houston, Texas 77030
- 1937 KAMPMEIER, RUDOLPH H., Vanderbilt University Hospital, Station 17, Nashville, Tennessee 37232
- 1954 KAY, CALVIN F., 506 Old Gulph Road, Bryn Mawr, Pennsylvania 19010
- 1969 KIRKENDALL, WALTER M., The University of Texas Medical School, P.O. Box 20708, Room 1282 MSMB, Houston, Texas 77025
- 1957 KNIGHT, VERNON, Baylor College of Medicine, Texas Medical Center, Department of Microbiology, Houston, Texas 77030
- 1960 KNOWLES, HARVEY C., JR., University of Cincinnati Medical Center, Department of Internal Medicine, 231 Bethesda Ave., Cincinnati, Ohio 45267
- 1964 KOHLSTAEDT, KENNETH G., 1430 Paseo De Marcia, Palm Springs, California 92262
- 1960 LAIDLAW, JOHN C., McMaster University Medical Center, Office of the Dean, 1200 Main Street, West, Hamilton, Ontario, Canada
- 1960 LAWRENCE, JOHN H., Donner Laboratory, University of California, Berkeley, California 94720
- 1952 LEWIS, HOWARD P., 122 Grant Tower, 2221 S.W. First Street, Portland, Oregon 97201
- 1959 LIDDLE, GRANT W., Vanderbilt University School of Medicine, Nashville, Tennessee 37203
- 1953 LOGAN, VICTOR W., 44 Planters Row, Hilton Head, South Carolina 29928

- 1954 LOGUE, R. BRUCE, Emory University Clinic, 25 Prescott Street, N.E., Atlanta, Georgia 30308
- 1952 LYONS, RICHARD H., 1540 Fourth Street, South Naples, Florida 33940
- 1956 MACMURRAY, FRANK G., 3301 New Mexico Avenue, N.W., Washington, D.C. 20016
- 1972 MARSTON, ROBERT Q., University of Florida, 226 Tigert Hall, Gainesville, Florida 32611
- 1960 MARTIN, SAMUEL P., R. W. J. Clinical Scholars, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania 19104
- 1955 MASON, ROBERT E., 9 East Chase Street, Baltimore, Maryland 21202
- 1957 MATTINGLY, THOMAS W., Middleborough Apartment 5L, 1825 St. Julian Place, Columbia, South Carolina 29204
- 1952 MEADE, GORDON M., The University of Rochester, School of Medicine and Dentistry, 601 Elmwood Avenue, Rochester, New York 14642
- 1955 MERRILL, ARTHUR J., 35 Collier Road, N.W., Suite 270, Atlanta, Georgia 30309
- 1953 MICHAEL, MAX, JR., 580 West 8th Street, Jacksonville, Florida 32209
- 1946 MILLER, C. PHILLIP, University of Chicago, Department of Medicine, 5757 Kimbark Avenue, Chicago, Illinois 60637
- 1956 MILLER, R. BRETNEY, Route 2, Box 164, Lovettsville, Virginia 22080
- 1952 MITCHELL, ROGER S., 245 Kearney Street, Denver, Colorado 80220
- 1952 MONTGOMERY, HUGH, 932 Merion Square Road, Gladwyne, Pennsylvania 19035
- 1934 MONTGOMERY, LORNE C., 33 Argyle Avenue, St. Lambert, Quebec, Canada J4P 3P5
- 1956 MYERS, GORDON S., 17 Sutton Road, Needham, Massachusetts 02192
- 1951 NICHOLS, EDWARD, 85 Jefferson Street, Hartford, Connecticut 06106
- 1950 ORGAIN, EDWARD S., Duke University Medical Center, Box 3085, Durham, North Carolina 27710
- 1952 PADDOCK, FRANKLIN K., Berkshire Medical Group, 369 South Street, Pittsfield, Massachusetts 01201
- 1953 PALMER, WALTER L., 1320 East 58th Street, Chicago, Illinois 60637

- 1959 PARSON, WILLIAM, Health and Medical Sciences Program, University of California, Berkeley, Room 106 T-7, Berkeley, California 94720
- 1971 PAUL, OGLESBY, Harvard Medical School, Countway Library of Medicine, 10 Shattuck Street, Boston, Massachusetts 02115
- 1961 PELLEGRINO, E. D., Kennedy Institute of Ethics, Georgetown U., Washington, D.C. 20057
- 1946 PORTER, RENO R., Medical College of Virginia, Richmond, Virginia 23298
- 1941 PRATT, HENRY N., New York Hospital, 525 East 68th Street, New York, New York 10021
- 1970 PROUT CURTIS, 319 Longwood Avenue, Boston, Massachusetts 02115
- 1966 RALEIGH, JAMES W., 1801 Allen Parkway, Houston, Texas 77019
- 1982 ROGERS, DAVID E., Robert Wood Johnson Foundation, Box 2316, Princeton, New Jersey 08540
- 1936 ROSE, EDWARD, Kendal #1, Kennett Square, Pennsylvania 19348
- 1969 ROSENOW, EDWARD C., JR., 1901 Walnut Street, Philadelphia, Pennsylvania 19103
- 1950 RUCKS, WILLIAM W., JR., Oklahoma City Clinic, 701 N.E. 10th Street, Oklahoma City, Oklahoma 73014
- 1973 SALASSA, ROBERT M., Mayo Clinic, 200 First Street S.W., Rochester, Minnesota 55901
- 1971 SANDERS, CHARLES A., Squibb & Sons, P.O. Box 4000, Princeton, New Jersey 08540
- 1959 SCHNABEL, TRUMAN G., Hospital of the University of Pennsylvania, 3400 Spruce Street, Box 552, Philadelphia, Pennsylvania 19104
- 1964 SCHOTTSTAEDT, WILLIAM W., University of Texas Medical Branch, Galveston, Texas 77550
- 1979 SCHWARTZ, THEODORE B., Veterans Administration Medical Center, 5th and Fort Streets, Boise, Idaho 83702
- 1952 SCOTT, THORNTON, 1386 Lakewood Drive, Lexington, Kentucky 40502
- 1951 SHULL, HARRISON J., 514 Medical Arts Building, Nashville, Tennessee 37212
- 1964 SINGEWALD, MARTIN L., 11 East Chase Street, Baltimore, Maryland 21202
- 1952 SMITH, CARTER, 35 Collier Road, Suite 775, Atlanta, Georgia 30309
- 1932 SMITH, DAVID T., 512 Watts Street, Apartment 3, Durham, North Carolina 27701

- 1966 SOUTHWORTH, HAMILTON, 109 East 67th Street, New York, New York 10021
- 1946 SPINK, WESLEY W., University of Minnesota Medical School, Box 492, Health Sciences, Minneapolis, Minnesota 55455
- 1972 STANBURY, JOHN B., Massachusetts Institute of Technology, Room 20A-216, Cambridge, Massachusetts 02139
- 1949 STRANG, JAMES M., 1331 Haberton Street, Pittsburgh, Pennsylvania 15206
- 1956 TALBOT, TIMOTHY R., JR., Fox Chase Cancer Center, 7701 Burholme Avenue, Philadelphia, Pennsylvania 19111
- 1946 TERHUNE, WILLIAM B., 3900 Ocean Drive, Fort Lauderdale, Florida 33308
- 1963 THOMAS, WILLIAM C., JR., Research Service, Veterans Administration Medical Center, Gainesville, Florida 32602
- 1962 THOMPSON, W. TALIAFERRO, JR., 4602 Sulgrave Road, Richmond, Virginia 23221
- 1941 THORN, GEORGE W., Howard Hughes Medical Institute, 398 Brookline Avenue, Boston, Massachusetts 02215
- 1958 TILGHMAN, R. CARMICHAEL, "Four Winds", 308 North Wind Road, Baltimore, Maryland 21204
- 1970 TOMPSETT, RALPH, 3500 Gaston Avenue, Dallas, Texas 75246
- 1946 TOONE, ELAM C., JR., McGuire Veterans Hospital, Department of Medicine, Richmond, Virginia 23249
- 1949 TUCKER, H. ST. GEORGE, JR., Medical College of Virginia, Box 111, Richmond, Virginia 23298
- 1951 TUMULTY, PHILIP A., The Johns Hopkins Hospital, 600 North Wolfe Street, Baltimore, Maryland 21205
- 1966 TYLER, FRANK, H., University of Utah Medical Center, Department of Medicine, 50 North Medical Drive, Salt Lake City, Utah 84132
- 1955 VANDERVEER, JOSEPH B., 105 Bryn Mawr Medical Building, County Line Road, Bryn Mawr, Pennsylvania 19010
- 1959 VAN ITALLIE, THEODORE B., St. Luke's-Roosevelt Hospital Center, Amsterdam Avenue at 114th Street, New York, New York 10025
- 1957 VILTER, RICHARD W., University of Cincinnati Medical Center, 231 Bethesda, Cincinnati, Ohio 45267
- 1956 WAGLEY, PHILIP F., 9 East Chase Street, Baltimore, Maryland 21202
- 1967 WARREN, JAMES V., 667 Means Hall, The Ohio State University Hospitals, 1566 Upham Drive, Columbus, Ohio 43210
- 1951 WARTHIN, THOMAS A., 810 Neponset Street, Norwood, Massachusetts 02062
- 1928 WEARN, JOSEPH T., Naskeag Road, Brooklin, Maine 04616

- 1947 WHITE, BENJAMIN V., 6 Mary Dyer Lane, North Easton, Massachusetts 02356
- 1953 WILKINS, ROBERT W., 299 High Street, Newburyport, Massachusetts 01950
- 1940 WILLIS, HENRY S., 355 Tenney Circle, Chapel Hill, North Carolina 27514
- 1934 WILSON, JULIUS L., 312 Greenstoke Loop, Tryon, North Carolina 28782
- 1940 WINKENWERDER, WALTER LAFOLLETTE, 3700 Belmont Road, Glyndon, Maryland 21071
- 1962 WITHAM, A. CALHOUN, Eugene Talmadge Memorial Hospital, Augusta, Georgia 30912
- 1953 WOLF, STEWART, R. F. D. No. 1, Box 1262, Bangor, Pennsylvania 18013
- 1938 WOOD, FRANCIS C., Hospital of the University of Pennsylvania, 3400 Spruce Street, Philadelphia, Pennsylvania 19104
- 1966 WOODS, JAMES W., University of North Carolina School of Medicine, Department of Medicine, Chapel Hill, North Carolina 27514
- 1948 WOODWARD, THEODORE E., University of Maryland School of Medicine, Baltimore, Maryland 21201
- 1948 WRIGHT, GEORGE W., 3795 South Hibiscus Way, Denver, Colorado 80237
- 1948 WRIGHT, IRVING S., Suite 5, 450 East 69th Street, New York, New York 10021
- 1962 WYNGAARDEN, JAMES B., National Institutes of Health, Building 1, Room 124, Bethesda, Maryland 20205
- 1971 YU, PAUL N., University of Rochester Medical Center, 601 Elmwood Avenue, Rochester, New York 14642
- 1954 ZINSSER, HARRY F., JR., 1112 Woodmont Road, Gladwyne, Pennsylvania 19035

ACTIVE MEMBERS

Elected

- 1973 ABOUD, FRANÇOIS M., University of Iowa, College of Medicine, Department of Medicine, Iowa City, Iowa 52242
- 1973 ALLEN, JAMES C., Department of Medicine, Medical University of South Carolina, 171 Ashley Avenue, Charleston, South Carolina 29403
- 1971 ALLISON, FRED, JR., Louisiana State University Medical Center, Department of Medicine, 1542 Tulane Avenue, New Orleans, Louisiana 70112
- 1977 ARKY, RONALD A., Mount Auburn Hospital, 330 Mt. Auburn Street, Cambridge, Massachusetts 02138

- 1980 ATCHLEY, WILLIAM A., 350 Parnassus Avenue, Suite 710, San Francisco, California 94117
- 1983 BALINT, JOHN A., Department of Medicine, Albany Medical College, Albany, New York 12208
- 1980 BARKER, LEWELLYS F., American Red Cross-NHQ, 1730 E Street, N.W., Washington, D.C. 20006
- 1976 BARNETT, THOMAS B., University of North Carolina, School of Medicine, Department of Medicine, Chapel Hill, North Carolina 27514
- 1967 BARONDESS, JEREMIAH A., 449 East 68th Street, New York, New York 10021
- 1968 BEARN, ALEXANDER G., Merck, Sharp & Dohme, P.O. Box 2000, Rahway, New Jersey 07065
- 1970 BECK, JOHN C., UCLA School of Medicine, Division of Geriatrics, 10833 Le Conte (CHS), Los Angeles, California 90024
- 1970 BECKER, E. LOVELL, Beth Israel Medical Center, 10 Nathan D. Perlman Place, New York, New York 10003
- 1981 BENNETT, JOHN E., Clinical Center, Room 11N210, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland 20205
- 1970 BENSON, JOHN A., JR., American Board of Internal Medicine, 200 S.W. Market Street, Portland, Oregon 97201
- 1975 BERLIN, NATHANIEL I., Northwestern University, School of Medicine, 303 East Chicago Avenue, Chicago, Illinois 60610
- 1977 BLACKARD, WILLIAM G., Medical College of Virginia, Richmond, Virginia 23298
- 1981 BLYTHE, WILLIAM B., University of North Carolina at Chapel Hill, School of Medicine, 3034 Old Clinic Building 226H, Chapel Hill, North Carolina 27514
- 1967 BOLLET, ALFRED J., Danbury Hospital, The Community Health Center, Danbury, Connecticut 06810
- 1968 BONDURANT, STUART O., JR., School of Medicine, 125 MacNider Building, University of North Carolina, Chapel Hill, North Carolina 27514
- 1976 BRANSOME, EDWIN D., JR., Medical College of Georgia, Augusta, Georgia 30912
- 1982 BUCKALEW, VARDAMAN, JR., Department of Medicine, Bowman Gray Medical School, 300 S. Hawthorne Road, Winston-Salem, North Carolina 27103
- 1983 BUTLER, WILLIAM T., Baylor College of Medicine, One Baylor Plaza, Houston, Texas 77030
- 1973 BUTTERWORTH, CHARLES E., JR., Department of Nutrition Sciences, University of Alabama, School of Medicine, University Station, Birmingham, Alabama 35294

- 1960 CAHILL, GEORGE F., JR., Howard Hughes Medical Institute, 398 Brookline Avenue, Suite Eight, Boston, Massachusetts 02215
- 1979 CALABRESI, PAUL, Roger Williams General Hospital, 825 Chalkstone Avenue, Providence, Rhode Island 02908
- 1967 CALKINS, EVAN, Buffalo Veterans Administration Medical Center, 3495 Bailey Avenue, Buffalo, New York 14215
- 1982 CAREY, ROBERT M., Box 482, University of Virginia Medical Center, Charlottesville, Virginia 22908
- 1974 CARPENTER, CHARLES C. J., University Hospitals of Cleveland, Department of Medicine, Cleveland, Ohio 44106
- 1981 CHALLONER, DAVID R., University of Florida Health Center, Box J-14 JHMHC, Gainesville, Florida 32610
- 1977 CHOPPIN, PURNELL W., The Rockefeller University, 1230 York Avenue, New York, New York 10021
- 1982 CHRÉTIEN, MICHEL, Clinical Research Institute of Montreal, 110 Pine Avenue West, Montreal, Canada H2W 1R7
- 1966 CHRISTY, NICHOLAS P., Veterans Administration Medical Center, 800 Poly Place, Brooklyn, New York 11209
- 1983 CLARKSON, BAYARD D., Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, New York 10021
- 1964 CLIFTON, JAMES A., University of Iowa, College of Medicine, Iowa City, Iowa 52242
- 1966 CLUFF, LEIGHTON E., Robert Wood Johnson Foundation, P.O. Box 2316, Princeton, New Jersey 08540
- 1980 COBBS, CHARLES G., The University of Alabama at Birmingham, University Station, Birmingham, Alabama 35294
- 1964 CONN, HADLEY L., JR., Rutgers Medical School, Academic Health Science Center CN19, New Brunswick, New Jersey 08903
- 1982 COPELAND, ROBERT B., 109 Medical Drive, La Grange, Georgia 30241
- 1972 CRILEY, J. MICHAEL, Harbor General Hospital, 1000 West Carson Street, Torrance, California 90509
- 1975 CROFFORD, OSCAR B., Vanderbilt University, School of Medicine, Nashville, Tennessee 37232
- 1973 DALEN, JAMES E., Department of Medicine, University of Massachusetts Medical School, 55 Lake Avenue, North Worcester, Massachusetts 01605
- 1970 DALY, WALTER J., Indiana University Medical Center, 1100 West Michigan Street, Indianapolis, Indiana 46223
- 1966 DANIELS, WORTH B., JR., 11 East Chase Street, Baltimore, Maryland 21202
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- 1978 DUMA, RICHARD J., Box 49, Medical College of Virginia, Virginia Commonwealth University, Richmond, Virginia 23298
- 1978 EARLEY, LAURENCE E., Hospital of the University of Pennsylvania, Department of Medicine, 100 Centrex, 3400 Spruce Street, Philadelphia, Pennsylvania 19104
- 1968 ECKSTEIN, JOHN W., University of Iowa, Department of Medicine, Iowa City, Iowa 52242
- 1983 ENGLE, MARY ALLEN, The New York Hospital, 525 East 68th Street, New York, New York 10021
- 1973 ENGLE, RALPH L., JR., The New York Hospital-Cornell Medical Center, Department of Medicine, 525 East 68th Street, New York, New York 10021
- 1972 FALLON, HAROLD J., Medical College of Virginia, Department of Medicine, Box 663, MCV Station, Richmond, Virginia 23298
- 1971 FARRAR, JOHN T., Veterans Administration Medical Center, Richmond, Virginia 23249
- 1976 FEDERMAN, DANIEL D., Harvard Medical School, 25 Shattuck Street, Boston, Massachusetts 02115
- 1980 FERRIS, THOMAS F., Department of Medicine, University of Minnesota Hospital, Minneapolis, Minnesota 55455
- 1975 FIELD, JAMES B., Diabetes Research Center, St. Lukes Hospital, P.O. Box 20269, Houston, Texas 77025
- 1976 FLINN, ROBERT B., Wilmington Medical Center, 501 West 14th Street, Wilmington, Delaware 19899
- 1977 FORTUIN, NICHOLAS J., 11 East Chase Street, Baltimore, Maryland 21202
- 1965 FOWLER, NOBLE O., University of Cincinnati, Cardiology Division (W3466), 231 Bethesda Avenue, Cincinnati, Ohio 45229
- 1970 FRAWLEY, THOMAS F., Graduate Medical Education, St. John's Mercy Medical Center, 615 South New Ballas Road, St. Louis, Missouri 63141
- 1977 FREINKEL, NORBERT, Northwestern University Medical School, 303 East Chicago Avenue, Chicago, Illinois 60611
- 1973 FRIESINGER, GOTTLIEB C., Vanderbilt University Medical Center, Nashville, Tennessee 37232
- 1966 FRITTS, HARRY W., JR., Department of Medical Health Sciences Center, State University of New York at Stony Brook, Stony Brook, New York 11794

- 1973 GAMBLE, JOHN R., Pacific Medical Center, 2333 Buchanan Street, San Francisco, California 94115
- 1969 GENEST, JACQUES, Clinical Research Institute of Montreal, 110 Pine Avenue West, Montreal, Canada H2W 1R7
- 1983 GLASSOCK, RICHARD J., Department of Medicine, Harbor-UCLA Medical Center, 1000 West Carson Street, Bin 400, Torrance, California 90509
- 1978 GOCKE, DAVID J., Academic Health Science Center, CN19, New Brunswick, New Jersey 08903
- 1982 GOLDBERG, MARTIN, University of Cincinnati Medical Center, 231 Bethesda Avenue, M.L. #557, Cincinnati, Ohio 45267
- 1975 GORLIN, RICHARD, Mount Sinai School of Medicine, 5th Avenue and 100th Street, New York, New York 10029
- 1966 GOTTSCHALK, CARL W., University of North Carolina, Department of Medicine, 226-H, Chapel Hill, North Carolina 27514
- 1972 GREISMAN, SHELDON E., University of Maryland Hospital, Department of Medicine, Baltimore, Maryland 21201
- 1979 GRINER, PAUL F., Strong Memorial Hospital, 601 Elmwood Avenue, Rochester, New York 14642
- 1974 GUNNELS, JAMES C., JR., Duke University Medical Center, Box 2991, Durham, North Carolina 27710
- 1976 GWALTNEY, JACK J., JR., University of Virginia School of Medicine, Department of Medicine, Charlottesville, Virginia 22908
- 1966 HAMMERSTEN, JAMES F., School of Health Sciences, Boise State University, 1910 University Drive, Boise, Idaho 83725
- 1968 HELLEMS, HARPER K., The University of Mississippi, Department of Medicine, 2500 North State Street, Jackson, Mississippi 39216
- 1970 HENDRIX, THOMAS R., The Johns Hopkins Hospital, 902 Blalock Clinical Science Building, 600 North Wolfe Street, Baltimore, Maryland 21205
- 1962 HILDRETH, EUGENE A., Reading Hospital and Medical Center, Reading, Pennsylvania 19603
- 1982 HILL, S. RICHARDSON, JR., The University of Alabama in Birmingham, University Station, Birmingham, Alabama 35294
- 1983 HOOD, WILLIAM B., JR., Cardiology Unit, Box 679, University of Rochester Medical Center, Rochester, New York 14642
- 1965 HOOK, EDWARD W., University of Virginia School of Medicine, Box 466, Department of Internal Medicine, Charlottesville, Virginia 22908
- 1966 HORNICK, RICHARD B., Strong Memorial Hospital, University of Rochester, Department of Medicine, 601 Elmwood Avenue, Rochester, New York 14642
- 1971 HUMPHRIES, J. O'NEAL, Richard Memorial Hospital, Department

- of Medicine, 3301 Harden Street, Columbia, South Carolina 29203
- 1981 HUTH, EDWARD J., Annals of Internal Medicine, American College of Physicians, 4200 Pine Street, Philadelphia, Pennsylvania 19104
- 1969 JACKSON, DUDLEY P., Georgetown University Hospital, 3800 Reservoir Road, N.W., Washington, D.C. 20007
- 1975 JAMES, THOMAS N., Department of Medicine, University of Alabama, Medical Center, Birmingham, Alabama 35294
- 1974 JANEWAY, RICHARD, Bowman Gray School of Medicine of Wake Forest University, 300 South Hawthorne Road, Winston-Salem, North Carolina, 27103
- 1974 JENSEN, WALLACE C., Department of Medicine, University of Miami, School of Medicine, R-760, P.O. Box 016760, Miami, Florida 33101
- 1981 JOHNS, CAROL JOHNSON, The Johns Hopkins School of Medicine, Office of Continuing Education, Turner 17, 720 Rutland Avenue, Baltimore, Maryland 21205
- 1966 JOHNS, RICHARD J., The Johns Hopkins School of Medicine, 720 Rutland Avenue, Baltimore, Maryland 21205
- 1971 JOHNSON, JOSEPH E., III, Bowman Gray School of Medicine, Department of Medicine, Winston-Salem, North Carolina 27103
- 1965 JOYNER, CLAUDE R., JR., Allegheny General Hospital, Department of Medicine, 320 East North Avenue, Pittsburgh, Pennsylvania 15212
- 1968 KAPPAS, ATTALLAH, The Rockefeller University, 66th and York Avenue, 1230 York Avenue, New York, New York 10021
- 1981 KELLEY, WILLIAM N., Department of Internal Medicine, D3105 South Ambulatory Care Building, University of Michigan Medical School, Ann Arbor, Michigan 48109
- 1969 KERN, FRED, JR., University of Colorado Medical Center, 4200 East 9th Avenue, B-158, Denver, Colorado 80262
- 1974 KONTOS, HERMES A., Medical College of Virginia, Virginia Commonwealth University, Box 281, Richmond Virginia 23298
- 1983 KREVANS, JULIUS R., University of California, San Francisco, 3rd Avenue & Parnassus, San Francisco, California 94143
- 1969 LANGFORD, HERBERT G., University of Mississippi, Department of Medicine, 2500 North State Street, Jackson, Mississippi 39216
- 1979 LEONARD, JAMES J., Uniformed Services University of Health Sciences, Department of Medicine, 4301 Jones Bridge Road, Bethesda, Maryland 20014

- 1982 LEWIS, CEYLON S., 1705 East 19th Street, Suite 512, Tulsa, Oklahoma 74104
- 1980 LEWIS, RICHARD P., The Ohio State University Hospitals, 466 West 10th Avenue, Columbus, Ohio 43210
- 1979 MCGUIGAN, JAMES E., University of Florida, Department of Medicine, College of Medicine, Gainesville, Florida 32610
- 1972 MCGUIRE, LOCKHART B., University of Virginia Hospital, Charlottesville, Virginia 22908
- 1965 MCINTOSH, HENRY D., Watson Clinic, P.O. Box 1429, Lakeland, Florida 33802
- 1972 MCKUSICK, VICTOR A., The Johns Hopkins Hospital, 1007 Blacklock Clinical Science Building, 600 North Wolfe Street, Baltimore, Maryland 21205
- 1978 MAYBERRY, W. EUGENE, Mayo Clinic, Rochester, Minnesota 55901
- 1976 MAYNARD, EDWIN P., M. G. H. Ambulatory Care Center, Suite 532, 15 Parkham Street, Boston, Massachusetts 02114
- 1976 MELLINKOFF, SHERMAN, UCLA School of Medicine, 1049 Selby Avenue, Los Angeles, California 90024
- 1977 MIDDLETON, ELLIOTT, JR., Buffalo General Hospital, Allergy Research Laboratory, 100 High Street, Buffalo, New York 14203
- 1981 MOELLERING, ROBERT C., Department of Medicine, New England Deaconess Hospital, 185 Pilgrim Road, Boston, Massachusetts 02215
- 1970 MOHLER, DANIEL N., University of Virginia School of Medicine, Internal Medicine, Box 395, Charlottesville, Virginia 22908
- 1973 MOORE, W. TABB, 1145 19th Street, N.W., Suite 600, Washington, D.C. 20036
- 1980 MORGAN, WILLIAM L., JR., Department of Medicine, Strong Memorial Hospital, 601 Elmwood Avenue, Rochester, New York 14642
- 1978 MOSER, ROBERT H., American College of Physicians, 4200 Pine Street, Philadelphia, Pennsylvania 19104
- 1982 MULHOLLAND, JOHN H., 201 East University Parkway, Baltimore, Maryland 21218
- 1982 MULROW, PATRICK J., Medical College of Ohio, Department of Medicine, C.S. 10008, Toledo, Ohio 43699
- 1973 MYERS, W. P. LAIRD, 1275 York Avenue, New York, New York 10021
- 1977 NACHMAN, RALPH L., 525 East 68th Street, New York, New York 10021
- 1972 NEY, ROBERT L., Division of Endocrinology and Metabolism, Department of Medicine, The Johns Hopkins School of Medi-

- cine, 720 Rutland Avenue, Baltimore, Maryland 21205
- 1976 NORMAN, PHILIP S., Good Samaritan Hospital, 5601 Loch Raven Boulevard, Baltimore, Maryland 21239
- 1982 OATES, JOHN A., Vanderbilt University, School of Medicine, Nashville, Tennessee 37232
- 1978 OLSON, DONALD E., The Portland Clinic, 800 S.W. 13th, Portland, Oregon 97205
- 1971 OWENS, ALBERT H. JR., The Johns Hopkins Hospital, 157 Oncology, 600 North Wolfe Street, Baltimore, Maryland 21205
- 1976 PATERSON, PHILIP Y., Northwestern University, Medical and Dental Schools, Department of Microbiology-Immunology, 303 East Chicago Avenue, Chicago, Illinois 60611
- 1967 PETERSDORF, ROBERT G., School of Medicine, University of California, San Diego M-002, La Jolla, California 92093
- 1980 PETTY, THOMAS L., Division of Pulmonary Sciences, Department of Medicine, University of Colorado Health Sciences Center, 4200 East 9th Avenue, Denver, Colorado 80262
- 1980 PHINNEY, ARTHUR O., JR., 85 Jefferson Street, Hartford, Connecticut 06106
- 1966 RAMSEY, LLOYD H., Vanderbilt University Hospital, Department of Medicine, Nashville, Tennessee 37232
- 1980 RANDALL, RAYMOND V., Mayo Clinic, W-18A, Rochester, Minnesota 55901
- 1977 REEVES, T. JOSEPH, 2929 Calder, Suite 310, Beaumont, Texas 77702
- 1973 REITEMEIER, RICHARD J., Mayo Clinic, Rochester, Minnesota 55901
- 1978 REYNOLDS, HERBERT Y., Yale University School of Medicine, LCI 105, 333 Cedar Street, New Haven, Connecticut 06510
- 1970 RICHARDSON, DAVID W., Medical College of Virginia, Box 105, Richmond, Virginia 23298
- 1975 ROBERTS, RICHARD B., Cornell University Medical College, 1300 York Avenue, New York, New York 10021
- 1973 ROBINSON, ROSCOE R., D3300 Medical Center, Vanderbilt University, Nashville, Tennessee 37232
- 1980 ROCHESTER, DUDLEY F., Box 225, University of Virginia, School of Medicine, Charlottesville, Virginia 22908
- 1963 ROSS, RICHARD S., The Johns Hopkins School of Medicine, 720 Rutland Avenue, Baltimore, Maryland 21205
- 1976 SANFORD, JAY P., Uniformed Services University of the Health Sciences, 4301 Jones Bridge Road, Bethesda, Maryland 20814
- 1975 SANTOS, GEORGE W., The Johns Hopkins Hospital, Oncology 3-127, 600 North Wolfe Street, Baltimore, Maryland 21205

- 1976 SCHENKER, STEVEN, University of Texas at San Antonio, Health Science Center, 7703 Floyd Curl Drive, San Antonio, Texas 78284
- 1970 SCHERLIS, LEONARD, University of Maryland School of Medicine, Division of Cardiology, Baltimore, Maryland 21201
- 1983 SCHERR, LAWRENCE, North Shore Community Hospital, Department of Medicine, 300 Community Drive, Manhasset, New York 11030
- 1967 SCHREINER, GEORGE E., Georgetown University School of Medicine-Nephrology, 3800 Reservoir Road, N.W., Washington, D.C. 20007
- 1974 SCHRIER, ROBERT W., University of Colorado School of Medicine, Box B-178, 4200 East Ninth Avenue, Denver, Colorado 80262
- 1966 SESSIONS, JOHN T., JR., 700 Morgan Creek Road, Chapel Hill, North Carolina 27514
- 1966 SIEKER, HERBERT O., Duke University Medical Center, Box 3822, Durham, North Carolina 27710
- 1968 SINCLAIR-SMITH, BRUCE C., 866 Holly Drive West, Annapolis, Maryland 21401
- 1982 SMITH, LYNWOOD H., Mayo Clinic, 200 First Street, S.W., Rochester, Minnesota 55905
- 1974 SMYTHE, CHEVES MCC., University of Texas Medical School, 6400 West Cullen, Houston, Texas 77030
- 1982 SPICKARD, W. ANDERSON, JR., B-2102, Vanderbilt Medical Clinic, Nashville, Tennessee 37232
- 1978 STEMMLER, EDWARD J., School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania 19104
- 1978 ST. GOAR, WALTER T., MGH-ACC-537, 15 Parkman Street, Boston, Massachusetts 02114
- 1983 SWEENEY, FRANCIS J., JR., Thomas Jefferson University, 11th and Walnut Streets, Philadelphia, Pennsylvania 19107
- 1981 THIER, SAMUEL O., Yale University, Department of Internal Medicine, 333 Cedar Street, P.O. Box 3333, New Haven, Connecticut 06510
- 1978 THOMPSON, JOHN S., University of Kentucky, Department of Medicine, A B Chandler Medical Center, Lexington, Kentucky 40506
- 1965 THORUP, OSCAR A., JR., University of Virginia Hospital, Charlottesville, Virginia 22901
- 1965 TOBIAN, LOUIS, JR., University of Minnesota Hospital, Department of Medicine, Box 285, Mayo Memorial Building, Minneapolis, Minnesota 55455
- 1969 TOOLE, JAMES F., Bowman Gray School of Medicine of Wake

- Forest University, Department of Neurology, Winston-Salem, North Carolina 27103
- 1970 TYOR, MALCOLM P., Duke University Medical Center, Box 3902, Durham, North Carolina 27710
- 1968 UTZ, JOHN P., Georgetown University Hospital, 3800 Reservoir Road, Washington, D.C. 20007
- 1965 VANMETRE, THOMAS E., JR., 11 East Chase Street, Baltimore, Maryland 21202
- 1973 VAUGHAN, JOHN H., Division of Clinical Immunology, Scripps Clinic & Research Foundation, 10666 North Torrey Pine Road, La Jolla, California 92037
- 1980 WALDMAN, ROBERT H., Department of Medicine, West Virginia University School of Medicine, Morgantown, West Virginia 26506
- 1968 WALKER, W. GORDON, The Johns Hopkins Hospital, 600 North Wolfe Street, Baltimore, Maryland 21205
- 1980 WALLERSTEIN, RALPH O., 3838 California Street, San Francisco, California 94118
- 1980 WASHINGTON, JOHN A., II, Mayo Clinic, Rochester, Minnesota 55905
- 1974 WEISSLER, ARNOLD M., Rose Medical Center, 4567 East Ninth Avenue, Denver, Colorado 80220
- 1974 WHALEN, ROBERT E., Duke Medical Center, Box 3393, Durham, North Carolina 27710
- 1976 WHEBY, MUNSEY S., University of Virginia School of Medicine, Internal Medicine, Box 180, Charlottesville, Virginia 22908
- 1980 WHITE, ARTHUR C., Indiana University Medical Center, 1100 West Michigan Street, Department of Medicine, Emerson Hall 302, Indianapolis, Indiana 46223
- 1977 WILLIAMS, HIBBARD E., University of California, School of Medicine, Davis, California 95616
- 1970 WILLIAMS, WILLIAM J., Department of Medicine, State University Hospital, Upstate Medical Center, 750 East Adams Street, Syracuse, New York 13210
- 1971 WOLFF, SHELDON M., New England Medical Center Hospital, 171 Harrison Avenue, Boston, Massachusetts 02111
- 1963 WOOD, J. EDWIN, III, Pennsylvania Hospital, Department of Medicine, 8th and Spruce Street, Philadelphia, Pennsylvania 19107
- 1964 YENDT, EDMUND R., Queen's University, Etherington Hall, Stuart Street, Kingston, Ontario, Canada K7L 3N6

Appendix H

MEETINGS

| | | | | | | | |
|-----|------|----------------------------------|----------|-----|------|----------------------------------|---------|
| 1. | 1884 | Washington, D.C. | May 3 | 55. | 1938 | Atlantic City | May 2 |
| 2. | 1885 | New York | May 27 | 56. | 1939 | Saranac Lake, N. Y. | Oct. 9 |
| 3. | 1886 | New York | May 10 | 57. | 1940 | White Sulphur Springs, W. Va. | Oct. 28 |
| 4. | 1887 | Baltimore | May 31 | | | | |
| 5. | 1888 | Washington, D.C. | Sept. 18 | 58. | 1941 | Skytop, Pa. | Oct. 16 |
| 6. | 1889 | Boston | June 25 | 59. | 1946 | Hershey, Pa. | Oct. 21 |
| 7. | 1890 | Denver | Sept. 2 | 60. | 1947 | Colorado Springs, Co. | Oct. 13 |
| 8. | 1891 | Washington, D. C. | Sept. 22 | 61. | 1948 | Hot Springs, Va. | Nov. 8 |
| 9. | 1892 | Richfield Springs, N.Y. | June 23 | 62. | 1949 | White Sulphur Springs, W. Va. | Oct. 27 |
| 10. | 1893 | Philadelphia | May 25 | 63. | 1950 | Stockbridge, Mass. | Oct. 16 |
| 11. | 1894 | Washington, D. C. | May 29 | 64. | 1951 | Skytop, Pa. | Nov. 5 |
| 12. | 1895 | Hot Springs, Va. | June 13 | 65. | 1952 | Elmira, N. Y. | Oct. 16 |
| 13. | 1896 | Lakewood, N. J. | May 12 | 66. | 1953 | Hot Springs, Va. | Nov. 2 |
| 14. | 1897 | Washington, D. C. | May 4 | 67. | 1954 | Lake Placid, N. Y. | Oct. 14 |
| 15. | 1898 | Bethlehem, N. H. | Aug. 31 | 68. | 1955 | Hot Springs, Va. | Oct. 31 |
| 16. | 1899 | New York | May 9 | 69. | 1956 | Skytop, Pa. | Nov. 1 |
| 17. | 1900 | Washington, D. C. | May 1 | 70. | 1957 | Hot Springs, Va. | Oct. 28 |
| 18. | 1901 | Niagara Falls | May 30 | 71. | 1958 | Cooperstown, N. Y. | Oct. 9 |
| 19. | 1902 | Los Angeles | June 9 | 72. | 1959 | Hot Springs, Va. | Nov. 2 |
| 20. | 1903 | Washington, D. C. | May 12 | 73. | 1960 | Cooperstown, N. Y. | Oct. 6 |
| 21. | 1904 | Philadelphia | June 2 | 74. | 1961 | Williamsburg, Va. | Nov. 2 |
| 22. | 1905 | Detroit | June 28 | 75. | 1962 | French Lick, Ind. | Oct. 25 |
| 23. | 1906 | Atlantic City | May 12 | 76. | 1963 | Hot Springs, Va. | Nov. 4 |
| 24. | 1907 | Washington, D. C. | May 7 | 77. | 1964 | Colorado Springs, Colo. | Oct. 19 |
| 25. | 1908 | Boston | June 9 | | | | |
| 26. | 1909 | Fortress Monroe, Va. | June 4 | 78. | 1965 | Williamsburg, Va. | Oct. 25 |
| 27. | 1910 | Washington, D. C. | May 3 | 79. | 1966 | Ponte Vedra Beach, Fla. | Oct. 31 |
| 28. | 1911 | Montreal | June 15 | | | | |
| 29. | 1912 | Hartford, Conn. | June 10 | 80. | 1967 | Hot Springs, Va. | Oct. 26 |
| 30. | 1913 | Washington, D.C. | May 6 | 81. | 1968 | Fontana, Wisc. | Oct. 14 |
| 31. | 1914 | Atlantic City | June 19 | 82. | 1969 | Hilton Head Island, S.C. | Oct. 20 |
| 32. | 1915 | San Francisco | June 18 | | | | |
| 33. | 1916 | Washington, D. C. | May 9 | 83. | 1970 | Ponte Vedra Beach, Fla. | Oct. 26 |
| 34. | 1917 | Lakewood, N. J. | May 29 | | | | |
| 35. | 1918 | Boston | June 5 | 84. | 1971 | Hot Springs, Va. | Oct. 25 |
| 36. | 1919 | Atlantic City | June 14 | 85. | 1972 | Ponte Vedra Beach, Fla. | Oct. 30 |
| 37. | 1920 | Philadelphia | June 17 | | | | |
| 38. | 1921 | Lenox, Mass. | June 3 | 86. | 1973 | Colorado Springs, Colo. | Oct. 22 |
| 39. | 1922 | Washington, D. C. | May 2 | | | | |
| 40. | 1923 | Niagara Falls | May 23 | 87. | 1974 | Williamsburg, Va. | Oct. 21 |
| 41. | 1924 | Atlantic City | May 1 | 88. | 1975 | Tucker's Town, Bermuda | Oct. 27 |
| 42. | 1925 | Washington, D. C. | May 5 | | | | |
| 43. | 1926 | Philadelphia | Sept. 27 | 89. | 1976 | Ponte Vedra Beach, Fla. | Oct. 25 |
| 44. | 1927 | White Sulphur Springs, W. Va. | May 19 | 90. | 1977 | Colorado Springs, Colo. | Oct. 24 |
| 45. | 1928 | Washington, D. C. | May 1 | | | | |
| 46. | 1929 | Old Point Comfort, Va. | May 2 | 91. | 1978 | Pinehurst, N. C. | Oct. 23 |
| 47. | 1930 | Quebec | May 20 | 92. | 1979 | Tucker's Town, Bermuda | Oct. 22 |
| 48. | 1931 | Hot Springs, Va. | May 7 | 93. | 1980 | Williamsburg, Va. | Nov. 2 |
| 49. | 1932 | Absecon, N. J. | May 5 | 94. | 1981 | Ponte Vedra Beach, Fla. | Oct. 18 |
| 50. | 1933 | Washington, D. C. | May 8 | | | | |
| 51. | 1934 | Toronto, Ont. | May 21 | 95. | 1982 | Phoenix, Ariz. | Oct. 24 |
| 52. | 1935 | Princeton, N. J. | Oct. 21 | 96. | 1983 | Southampton Princess, Bermuda | Oct. 23 |
| 53. | 1936 | Richmond, Va. | Oct. 26 | | | | |
| 54. | 1937 | Baltimore | Oct. 11 | 97. | 1984 | Hot Springs, Va. | Oct. 21 |

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6. Flexner S, Flexner J. *William Henry Welch and the Heroic Age of American Medicine*. New York: Viking Press; 1941: 119.
7. Rogers, p. 3.
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17. Rogers, p. 7.
18. Rogers, p. 8.
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CHAPTER 2

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4. Mitchell and Hannemann, p. 10.
5. Mitchell and Hannemann, p. 11.

6. Mitchell and Hannemann, p. 15.
7. Mitchell and Hannemann, p. 18.
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14. Kelly and Burrage, p. 1044.
15. Kelly and Burrage, p. 614.
16. Mitchell and Hannemann, p. 29.
17. Mitchell and Hannemann, p. 31.
18. Kelly and Burrage, p. 629.
19. Kelly and Burrage, p. 417.

CHAPTER 3

1. Kelly and Burrage, p. 127.
2. Walkling AA: Henry Ingersoll Bowditch. *Am Med Hist* (new series) 1933; **5**: 428.
3. Kelly and Burrage, p. 655.
4. Denison C: Annual and seasonal maps of the United States; With a rule for even division of climate, based upon the averages of the combined atmospheric humidities in the United States. *Trans Am Climatol Assoc* 1885; **2**: 78–86; Discussion, pp. 87–91.
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Osler was a key figure in the organization of the Association of American Physicians in 1885. This society had a broad interest in internal medicine and its first meeting was characterized by Osler as the "coming of age of internal medicine."

There were other members of the Climatological who were also members of the Association of American Physicians in the early years of its life, including A. C. Abbott, Frank Billings, E. T. Bruen, Norman Bridge, I. N. Danforth, Frank Donaldson, Samuel A. Fisk, George M. Garland, Hobart A. Hare, Abraham Jacobi, W. W. Johnson, Alfred Loomis, John Musser, William Pepper, Beverley Robinson, A. A. Smith, E. L. Trudeau, Samuel B. Ward and James C. Wilson.

These dual memberships attest to the broad exposure of many ACA members to the medical science of the late 1880s.

7. Pneumatic differentiation was the process by which the air surrounding the body and that entering the lungs was rendered of different pressures. It was considered under three forms, designated as positive, negative, and alternate differentiation. In positive differentiation, the air entering the lungs was maintained during both respiratory phases at greater pressure than that surrounding the body. Negative differentiation was the reverse of this, the air surrounding the body being maintained during both phases of respiration at a greater pressure than that entering the lungs. Alternate differentiation was the process by which the two other forms were alternated during the breathing act—in inspiration, the air entering the lungs being of greater pressure, and during expiration that surrounding the body being greater. It was thought that by means of these variations one could control the amount of blood in the lungs and consequently control pulmonary congestion and hemorrhage, and raise or lower arterial pressure.

8. On June 7, 1957, at the Sesquicentennial ceremonies held at the University of Maryland School of Medicine, a plaque was presented by the Maryland Society of Pathologists in honor of Francis Donaldson (1823–1891). The plaque to Donaldson reads as follows: “Francis Donaldson, M.D., University of Maryland, Class of 1846, Professor of Pathology 1866–80. In 1833 Francis Donaldson introduced the microscope to America as an essential instrument in the diagnosis of malignancy. He was the first American to advance the use of excision, aspiration and exfoliative biopsy technique.”

The microscope had come into being and by 1840 a man named Spencer was manufacturing microscopes in this country. Francis Donaldson graduated from the University of Maryland Medical School in 1846. Hearing of the rapid developments taking place in Europe, he enrolled as a student at the Cherry Hospital in Paris. One of the men he studied under there was Alexander Donne, one of the foremost Parisian pathologists who was beginning to use the microscope for diagnosis, and who first described blood platelets in 1842. His greatest challenge came from the researches of Müller, whom he gave full credit for the first microscopic investigation of morbid growths.

Two years later, Donaldson returned to Baltimore and in 1853 wrote a paper on the use of microscopes for the diagnosis of cancerous growths. In this he said: “We mean to express our conviction that there can be no just and satisfactory classification of morbid growths not founded upon their intimate microscopic structures.” His thesis was divided into three parts, beginning with a description of the microscope with which practically no one in this country was familiar at that time. He then proceeded to outline three techniques for the preparation and examination of malignant tissue. He concluded with an explanation of proper steps to be taken in a diagnosis of cancer based on his own studies. This was the first use, it is believed, of the biopsy technique—that is, the removal and examination of living tissue. Donaldson’s work antedated by three years that of Rudolph Virchow.

Donaldson practiced in an office on Park Avenue in Baltimore and entered the faculty of the University of Maryland School of Medicine the year this paper was published. He became a professor of pathology in the school in 1866 and continued to teach there until 1880. Little is known about his career after 1853. His method remained unused for nearly 50 years, and apparently he gave up trying to promote it. He died in 1891.

Donaldson’s discovery itself was forgotten for the next 85 years. The first glimmer of the story appeared on the pages of the *Proceedings of the Staff Meetings of the Mayo Clinic* (October 1948); a citation was given in an article by W. A. Heinrich and Edward S. Judd, Jr. Dr. John A. Wagner saw the citation and located the Donaldson thesis in the library of the University of Maryland School of Medicine. After nearly ten years of study, Dr. John A. Wagner, professor of neuropathology at the University of Maryland Medical School, produced evidence that Donaldson was the first to use the biopsy technique (*The Evening Sun*, Baltimore, June 13, 1957). Donaldson’s article, entitled “The Practical Application of the Microscope to the Diagnosis of Cancer,” was published in the *American Journal of Medical Sciences*, Number xlix, Volume xxv, page 43 (January 1853). The Mayo Clinic physicians stated that “Donaldson, who had studied in Paris, returned to Baltimore and was the first person in this country to take pieces of tissue from an ulcerated surface lesion and with the aid of a microscope make a diagnosis of cancer.” (Personal communication from Dr. Lewis B. Flinn, whose wife Elizabeth is the granddaughter of Francis Donaldson, Sr.)

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12. This was the last paper H. I. Bowditch ever read before a medical audience. It was the story of the practical experience of his father who, when about 35 years of age, having had hemoptysis and other signs of tuberculosis, adopted this method of regaining his health. His father succeeded in arresting the disease by a long journey of several weeks through the eastern states by horse and buggy. In 1890, H. I. Bowditch began to show the effects of the malady that was to cause his death. In 1880 he had discovered that he was suffering from the same disease his father had. The knowledge affected him but slightly as far as work was concerned. His life style was changed only by prolonged vacation in the summer, when he lived in the country for several months.
That this industry was remarkable is evidenced by the volume of his published papers. This trait certainly was taught by his father who once, seeing some idlers lounging about in Salem, said: "I wish I could have the time of those men." (Walking, A. A.: Henry Ingersoll Bowditch. *Am. Med. Hist. (new series)* 5: 428, 1933.)
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14. Hinsdale G: Robert Hall Babcock. *Trans Am Climatol Clin Assoc* 1931; **47**: xl.
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16. Edson CE: Samuel Augustus Fisk, A.M., M.D. *Trans Am Climatol Clin Assoc* 1915; **31**: xxi.
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CHAPTER 5

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2. Rackemann FM: William Fowke Ravenel Phillips. *Trans Am Clin Climatol Assoc* 1935; **51**: 1.
3. Kelly and Burrage, p. 1110.
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10. A portrait and a memorial note appear in this volume. Also see Otis EO: Frederick Irving Knight. *Boston Med Surg J* Feb 25, 1909; **160** (8): 257.
11. Dr. Barnes's letter is in the ACCA file at The National Library of Medicine, Bethesda, MD.
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CHAPTER 6

1. Ringer PH: Charles L. Minor (May 10, 1865–December 26, 1928). *Trans Am Climatol Clin Assoc* 1929; **45**: xl.
2. A committee was appointed by the president to consider the recommendations that he had made in his Presidential Address. At the meeting of the Council in 1914, three resolutions were presented by this committee. The first resolution, recommending a change in name, was thoroughly discussed and then adopted. The change involved Article I which would, in the future, read: "This society shall be known as the American Climatological and Clinical Association." It was then moved and seconded that the Association adopt the second resolution, viz.: "That Article II be changed so as to read: "The object of this Association shall be the clinical study of diseases especially those of the respiratory and circulatory organs, and of climatology and hydrology.'" On Dr. Minor's suggestion, the Association considered the resolution amended as follows: "That Article II be changed so as to read: "The object of this Association shall be the clinical study of disease especially of the respiratory and circulatory organs, and of climatology and hydrology.'" This amendment was seconded and carried, and it was then moved and seconded that the motion as amended be adopted. This was also carried.
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A Visit to Arequipa Sanatorium

"... On June 20 ... the Association, together with a number of interesting laymen, became the guests of our Philip King Brown in a luncheon at the Arequipa Sanatorium, after which we enjoyed that marvelous picture show seen in a ride to the top of Mount Tamalpais. Ferry across the bay of San Francisco, a ride by rail through a country of flowers and a suggestion of subtropical vegetation, with the finishing half-mile by automobile brought us in less than two hours to the Sanatorium.

"The place has a rugged sylvan charm. The buildings perch upon a steep hillside and look out towards the east over a vast amphitheatre of green wood and brush. Their rough board structure harmonizes with the environment and strengthens the illusion that here is a camp where one comes to drop care and pick up health. The sleeping quarters are great halls opening broadly on verandahs.

"The policy of the institution makes it somewhat unique among its kind. Admission to its care is limited to the working girls of San Francisco, forty thousand strong, among whom the death-rate from consumption is twice as high as among the men.

"It is sought to cull from the applicants those in the early stages of the disease and to maintain them at a cost of a dollar a day. An important part of the design is to offer to the patients some work which may be carried on without injury to health and prove

of sufficient commercial value to bring them financial returns. For patients confined to bed the charge is one dollar and a half per day

"The making of high-grade art pottery has been chosen as the elective occupation of the institution. The product of the pottery is practically the work of the patients, except the digging and the screening of the clay, the glazing and preparing the kiln for firing. No patient is allowed in the pottery who coughs or has a temperature above normal. To those patients who choose the work some simple task is given at the outset, lasting not more than an hour a day, and none work more than five hours a day, five days in the week. Although the pottery establishment has not, as a whole, thus far paid for itself, and is still in an experimental stage, the outlook is encouraging. Some of the patients have been paid has much as fifteen dollars a week for their work. No harm has been traced to the occupation.

"We visitors were impressed with the happy, blooming faces of the girls under treatment, and we could not but reflect on the greatness of accomplishment and how it might be magnified did more of us possess the initiative and devotion of Philip King Brown."

6. Kelly and Burrage, p. 417.
7. Amberson JB: James Alexander Miller, M.D. *Trans Am Clin Climatol Assoc* 1948; **60**: liii.
8. Landis HRM: The role played by the study of tuberculosis in the development of clinical medicine. *Trans Am Climatol Clin Assoc* 1916; **32**: 60 (see also pp. 64-66).
9. Wolferth CC: Judson Daland (1860-1937). *Trans Am Clin Climatol Assoc* 1937; **53**: xlii.
10. Parfitt CD: Jabez Henry Elliott, M.D., 1893-1942. *Trans Am Clin Climatol Assoc* 1946; **58**: lx.
11. Baker JP: Guy Hinsdale, M.D. *Trans Am Clin Climatol Assoc* 1948; **60**: li.
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13. Carroll Everett Edson, A.M., M.D. *Trans Am Climatol Clin Assoc* 1930; **46**: xliii.
14. Kelly and Burrage, p. 481.
15. Beardsley, JG: William Duffield Robinson (1856-1931). *Trans Am Climatol Clin Assoc* 1931; **47**: xlii.
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19. Miller TG: George William Norris, M.D. *Trans Am Clin Climatol Assoc* 1966; **78**: lxiii.
20. Morriss WH: David Russell Lyman, M.D. *Trans Am Clin Climatol Assoc* 1956; **68**: xlii.
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22. Rackemann FM: Joseph Hersey Pratt, M.D. *Trans Am Clin Climatol Assoc* 1956; **68**: xlviii.
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26. Gilbert GB: Gerald Bertram Webb, M.D. *Trans Am Clin Climatol Assoc* 1948; **60**: lvi.
27. Ruffin S: Charles Williamson Richardson. *Trans Am Climatol Clin Assoc* 1930; **46**: xxxv.
28. Miller TG: George Morris Piersol, M.D. *Trans Am Clin Climatol Assoc* 1966; **78**: lxvii.

CHAPTER 7

1. The Parfitt-Rackemann correspondence is in the ACCA file at The National Library of Medicine, Bethesda, MD.

2. Ringer, PH: Charles L. Minor. *Trans Am Climatol Clin Assoc* 1929; **45**: xl.
3. Wainwright CW: Louis Hamman, M.D. *Trans Am Clin Climatol Assoc* 1946; **58**: lxiv.
4. Rackemann FM: George Richards Minot, M.D. *Trans Am Clin Climatol Assoc* 1950; **62**: xlix.
5. The Hamman-Rackemann correspondence is in the ACCA file at The National Library of Medicine, Bethesda, MD.
6. Miller TG: Presidential Address. *Trans Am Clin Climatol Assoc* 1947; **59**: lxiv.

CHAPTER 8

1. Pratt JH: Charles Daniel Parfitt, M.D. *Trans Am Clin Climatol Assoc* 1952; **64**: lvi.
2. Pratt JH: Walter Ralph Steiner, M.D., 1870–1942. *Trans Am Clin Climatol Assoc* 1946; **58**: lxxviii.
3. Wright IS: L. Whittington Gorham, M.D. *Trans Am Clin Climatol Assoc* 1968; **80**: xlvii.
4. Piersol GM: James M. Anders, M.D. *Trans Am Clin Climatol Assoc* 1936; **52**: xxxviii.
5. Webb G: Henry Sewall, M.D. *Trans Am Clin Climatol Assoc* 1936; **52**: xlviii.
6. Burwell CS: James Edgar Paullin, M.D. *Trans Am Clin Climatol Assoc* 1951; **63**: lxiv.
7. For the history related to the Gordon Wilson Lectureship see Appendix B.
8. Senator J. Hamilton Lewis of Illinois had introduced a resolution in the United States Senate that all physicians should become civil employees of the government and therefore subject to various regulations and restrictions in the practice of their art. The Illinois State Medical Society had protested this resolution vigorously and requested that the Climatological, the first national society to hold a meeting after the resolution was made, also protest. It was voted “that the matter be submitted to a committee composed of George C. Shattuck, Alphonse R. Dochez, and Francis M. Rackemann, with power to draw up a vigorous protest for the Climatological and submit it to the proper authorities in Congress.”
9. Kneeland Y: Alphonse Raymond Dochez. *Trans Am Clin Climatol Assoc* 1967; **79**: lii.
10. Price JW: Lawrason Brown, M.D. *Trans Am Clin Climatol Assoc* 1938; **54**: xiii.
11. Montgomery LC: Alvah Hovey Gordon, M.D. *Trans Am Clin Climatol Assoc* 1954; **66**: lvii.
12. Tucker H St George: William Branch Porter, M.D. *Trans Am Clin Climatol Assoc* 1960; **72**: li.
13. Rackemann FM: Sir Wilfred Thomason Grenfell, M.D. *Trans Am Clin Climatol Assoc* 1940; **56**: xlvii.
14. Holmes JH: James Johnston Waring, M.D. *Trans Am Clin Climatol Assoc* 1963; **75**: lvi.
15. Paul Nathaniel Anderson: “James J. Waring, Doctor of Medicine,” an unpublished paper presented to the Waring Society of the University of Colorado, 1963.
16. Eppinger EC: Charles Sidney Burwell, M.D. *Trans Am Clin Climatol Assoc* 1967; **79**: l.
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22. Piersol GM: Maurice C. Pincoffs, M.D. *Trans Am Clin Climatol Assoc* 1961; **73**: lii.
23. Harvey A McG: John Theodore King, Jr., 1889–1979. *Trans Assoc Am Physicians* 1981; **94**: xcvi.
24. Rackemann FM: George Richards Minot. *Trans Am Clin Climatol Assoc* 1950; **62**: xlix.

25. Morgan HJ: John Minor. *Trans Am Clin Climatol Assoc* 1961; **73**: xlv.
26. Sturgis CC: Henry Asbury Christian. *Trans Am Clin Climatol Assoc* 1951; **63**: lv.
27. Burwell CS: James Edgar Paullin. *Trans Am Clin Climatol Assoc* 1951; **63**: lxiv.
28. Kampmeier RH: Edgar Jones. *Trans Am Clin Climatol Assoc* 1951; **63**: lxix.
29. Ellis DS: Chester Morse Jones. *Trans Am Clin Climatol Assoc* 1975; **87**: xxxv.
30. This was William B. Bean's first meeting. He recalls meeting Frank Rackemann and a gathering of members and wives in one of the hotel rooms for songs and libations, and Rackemann leading the chorus but with much strong support. They were approached, not once, but twice, by the hotel management and finally, in a certain amount of turmoil, disbanded. Rackemann's tradition of pounding out music on the piano for such rollicking song fests provides a warm illustration of the Association's camaraderie and his vital part in it.
31. Pratt JH: Charles David Parfitt, M.D. *Trans Am Clin Climatol Assoc* 1952; **64**: lvi.
32. Billings FT Jr: Hugh Jackson Morgan. *Trans Am Clin Climatol Assoc* 1962; **74**: xliii.
33. Wright IS: Robert L. Levy. *Trans Am Clin Climatol Assoc* 1976; **88**: xxxvi.
34. Root HF: Rollin Turner Woodyatt. *Trans Am Clin Climatol Assoc* 1954; **66**: liv.
35. Root HF: James Stevens Simmons. *Trans Am Clin Climatol Assoc* 1954; **66**: li.
36. Herrmann GR: William Richardson Houston. *Trans Am Clin Climatol Assoc* 1954; **66**: lix.
37. Smith C: James S. McLester. *Trans Am Clin Climatol Assoc* 1954; **66**: lxi.
38. King JT Jr: Henry M. Thomas. *Trans Am Clin Climatol Assoc* 1966; **78**: lxx. (Though generally known as Junior, Hal Thomas was given the middle name of Malcolm at his birth. His father had no middle name and used the letter M instead.)
39. Harvey A McG: *The Interurban Clinical Club*, p. 256.
40. King JT Jr: Charles R. Austrian. *Trans Am Clin Climatol Assoc* 1956; **68**: xli.
41. Rackemann FM: Joseph Hersey Pratt. *Trans Am Clin Climatol Assoc* 1956; **68**: xlviii.
42. Pete Abbott (William Osler Abbott) was the great-nephew of Sir William, and he often told us about Sir William's visits. Whenever William Osler came to visit the Abbott family in Philadelphia he would always bring a present: one for Pete and one for Kitty, his sister. One day he arrived having completely forgotten these presents. He sat there, thought a moment, then pulled out a \$10 bill, cut it diagonally from corner to corner and handed each of them one of the halves of the bill.
43. Harvey A McG: *The Interurban Clinical Club*, p. 230.
44. Vilter RW: Johnson McGuire. *Trans Am Clin Climatol Assoc* 1977; **89**: xlviii.
45. Hayes IH: Hugh M. Kinghorn. *Trans Am Clin Climatol Assoc* 1958; **70**: xliii.
46. Harvey A McG. *The Interurban Clinical Club*, p. 248.
47. Thomas HM Jr: Joseph Earle Moore. *Trans Am Clin Climatol Assoc* 1959; **71**: xlix.
48. Tilghman RC: Marshall Nairne Fulton. *Trans Am Clin Climatol Assoc* 1977; **89**: l.
49. "EPILOGUE

In concluding remarks I added as a postscript after presenting this paper at Coopers-town, when the entire company was stunned into silence and there was no discussion, I pointed out that, had I followed the sagacious instructions of my good wife, expunging item after item from my talk ("They know all that.") ultimately I would have wound up with a paper no longer than the fabulous chapter on owls in the revered Bishop Pontoppidan's history of Iceland. The good bishop wrote simply that there are no owls in Iceland. That was the whole chapter. I had no oblique Climatological motive but Gordon Meade was not one to pass over lightly matters about birds any more than Jim Bordley would let pass appropriate allusions to whales. Gordon communicated directly with Finnur Gudmundson, the Curator of Ornithology at the *Natturugripasafnid* [Museum of Natural History 'to you' (i.e. to me) as Gordon Meade so quaintly and clearly said in his letter] at Reykjavik, Iceland and found in fact that no owls were in Iceland at the time Bishop Pontoppidan wrote his history. But now as a sign of progress

of sorts two sets of owls, the short-eared owl and the snowy owl, have moved in since the good Bishop Pontoppidan was in business. I am not one to take such matters lightly, either, and I set my literary beaters and bird watching literary Icelandic colleagues to flush whatever game they could in the way of Icelandic owls. I am proud to relate that the introduction of Vol. XI of ISLANDICA in a footnote is a statement that there is a volume of Icelandic manuscripts in the Maurer Collection, Harvard University Library (No. 26, 20) with an essay by Jón Guðmundsson, possibly an ancestor of Finnar, toward the end of which mention is made that an owl, *Kattugla*, was seen in Skálholt during the episcopate of Jón Víðalín (1697–1720). So it is possible that after all the good Bishop Pontoppidan just might not have had the last word to say on owls in Iceland. Since a project site visit seems out of the question my suggestion is that if the hegira to Bermuda in the fall of 1962 proves a success some of our members might venture on to Iceland scouting for owls and surveying Reykjavík as a place for future meetings of the Climatological Association.” (For a continuation of the discussion of birds and the interests they create for members of the Climatological, see p. 199)

50. MacMurray FG: Worth B. Daniels, 1899–1978. *Trans Am Clin Climatol Assoc* 1978; **90**: xxxiii.
51. Lewis January tells an amusing anecdote about Worth Daniels: “At a business meeting I raised the question of issuing name tags at the time of registration. It was debated negatively but Worth Daniels vigorously supported the proposal. Of course it was voted down. He said to me at intermission: ‘I could have told you you wouldn’t win. I’ve tried off and on for years to get name tags. I long ago gave up and solved it for myself. I just walk over, put out my hand, and say: “My name is Worth Daniels, can you remember yours?”’”
52. Earle DP: S. Howard Armstrong. *Trans Am Clin Climatol Assoc* 1961; **73**: xli.
53. Fulton MN: Frank Taylor Fulton. *Trans Am Clin Climatol Assoc* 1961; **73**: xliii.
54. Morgan HJ: John Minor. *Trans Am Clin Climatol Assoc* 1961; **73**: xlvi.
55. Piersol GM: Maurice Pincoffs. *Trans Am Clin Climatol Assoc* 1961; **73**: li.
56. Billings FT Jr: Hugh Jackson Morgan. *Trans Am Clin Climatol Assoc* 1962; **74**: xliii.
57. Rose E: Oliver Hazard Perry Pepper. *Trans Am Clin Climatol Assoc* 1962; **74**: xlvi.
58. Bosworth HW: Frances Marion Pottenger. *Trans Am Clin Climatol Assoc* 1962; **74**: xlviii.

CHAPTER 9

1. Wainwright CW: Chester Scott Keefer. *Trans Am Clin Climatol Assoc* 1972; **84**: xxxiii.
2. Holmes JH: James Johnston Waring. *Trans Am Clin Climatol Assoc* 1963; **75**: lvi.
3. The Golden Bee Saloon provided the ideal backdrop for another of Francis Rackemann’s song fests. Until the wee hours of the morning, while he played the piano with tireless energy, a hardy group of Climatologicals sang: “The Saints Go Marching In,” “Pack Up Your Troubles,” and many other favorites. Needless to say, “Rack” was in seventh heaven.
4. The historical background of the Metzger Lectureship is given in Appendix C.
5. Wood FC: Francis D. W. Lukens. *Trans Am Clin Climatol Assoc* 1980; **92**: lx.
6. Ebert RV: Presentation of the Kober Medal for 1972 to Cecil J. Watson. *Trans Assoc Am Physicians* 1972; **85**: 51.
7. Blount SG Jr: Charles Nash Meader, M.D. *Trans Am Clin Climatol Assoc* 1966; **78**: lv.
8. Kneeland Y: Alphonse Raymond Dochez, M.D. *Trans Am Clin Climatol Assoc* 1967; **79**: lii.
9. Wright IS: L. Whittington Gorham. *Trans Am Clin Climatol Assoc* 1968; **80**: xlvii.
10. Harvey A McG: *The Interurban Clinical Club*, p. 416.

11. Many members who were present at the 1976 meeting in Ponte Vedra will remember that Thornton Scott set himself up as the unofficial mycologist and as such gathered a basketful of lovely-appearing mushrooms growing wild on the hotel grounds. He and Peggy invited the Beans, Russells, Warthins, and Januarys to share in them over drinks in their room. Within a short time all of us became ill to some degree, but Eloise and I over-sampled the delicious fungus, becoming "deathly ill." I did remember during the night, after Walter Kirkendall somehow had found some atropine, that you could die from mushroom poisoning. Walter and Meg Kirkendall, Emily, and Frank Brooks played physician and nurse to us throughout the night. Eloise required hospitalization to be rehydrated but I bravely restored my water and electrolyte loss with Gatorade. Our hotel room resembled a cholera ward when the maid came to clean it up. She said to me: "You all must be the ones who ate the poisoned mushrooms. That's too bad, because we all know these around here could kill you." By the time I felt like wandering over to the meeting, I noticed that the hotel groundkeepers were out in force destroying every mushroom in sight. (Personal communication from Lewis E. January, October 19, 1982).
12. Harvey A McG: *The Interurban Clinical Club*, p. 299.
13. Stetson RP: Edwin Allen Locke. *Trans Am Clin Climatol Assoc* 1971; **83**: xli.
14. Harvey A McG: Lewis Dexter. In: *The Interurban Clinical Club*, p. 341.
15. Howard JE: Walter Albert Baetjer. *Trans Am Clin Climatol Assoc* 1972; **84**: xxix.
16. Wainwright CW: Chester Scott Keefer. *Trans Am Clin Climatol Assoc* 1972; **84**: xxxiii.
17. Wright GW: James Burns Amberson. *Trans Am Clin Climatol Assoc* 1981; **93**: xxxiii.
18. Hurst JW: Paul Dudley White. *Trans Am Clin Climatol Assoc* 1974; **86**: xlv.
19. White PD: The diagnosis of heart disease with a special reference to its importance in preventive medicine. *Boston Med Surg J* January 12, 1922; **186**(2): 34-38.
20. Harvey A McG: *The Interurban Clinical Club*, p. 331.
21. Burrage WS: Francis Minot Rackemann. *Trans Am Clin Climatol Assoc* 1973; **85**: xl.
22. Hurst JW: Paul Dudley White. *Trans Am Clin Climatol Assoc* 1974; **86**: xlv.
23. Interview with Alden Griffin, *Boston Globe*, September 14, 1974.
24. Harvey A McG: *The Interurban Clinical Club*, p. 482.
25. Ellis DS: Chester Morse Jones. *Trans Am Clin Climatol Assoc* 1975; **87**: xxxv.
26. Badger T: Cleaveland Floyd. *Trans Am Clin Climatol Assoc* 1976; **88**: xxxi.
27. Floyd C, Robinson S: Artificial pneumothorax as a treatment of pulmonary tuberculosis. *Arch Intern Med* 1912; **9**: 452-483.
28. Wright IS: Robert L. Levy. *Trans Am Clin Climatol Assoc* 1976; **88**: xxxvi.
29. Dexter L: Walter A. Griffin. *Trans Am Clin Climatol Assoc* 1977; **89**: xxix.
30. MacMurray FG: Worth B. Daniels. *Trans Am Clin Climatol Assoc* 1978; **90**: xxxiii.
31. Harvey A McG: *The Interurban Clinical Club*, p. 500.
32. Baker BM, Ross RS: E. Cowles Andrus. *Trans Am Clin Climatol Assoc* 1979; **91**: xxix.
33. Wood FC: Francis D. W. Lukens. *Trans Am Clin Climatol Assoc* 1980; **91**: lx.
34. Wright GW: James Burns Amberson. *Trans Am Clin Climatol Assoc* 1981; **93**: xxxiii.

CHAPTER 10

1. See Appendix D for the recollections of various members.

APPENDIX A

1. Curtin RG: James Baynes Walker. *Trans Am Clin Climatol Assoc* 1911; **27**: xxiv.
2. Baker JP: Guy Hinsdale. *Trans Am Clin Climatol Assoc* 1948; **60**: li.
3. Lyman DR: Arthur Kingsbury Stone, M.D. (Dec. 13, 1861-July 31, 1952). *Trans Am Clin Climatol Assoc* 1952; **64**: lx.

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4. Burrage WS: Francis Minot Rackemann. *Trans Am Clin Climatol Assoc* 1973; **85**: xl.
5. Lowell FC: Francis Minot Rackemann, 1887–1973. *Trans Assoc Am Physicians* 1973; **86**: 31.
6. Harvey A McG: James Bordley III. *Trans Am Clin Climatol Assoc* 1980; **92**: xlix.
7. Tilghman RC: Marshall Nairne Fulton. *Trans Am Clin Climatol Assoc* 1977; **89**: 1.
8. Personal communication from Frederic Tremaine Billings, Jr.
9. Harvey A McG: *The Interurban Clinical Club*, p. 520.
10. Harvey A McG: *The Interurban Clinical Club*, p. 526.

APPENDIX B

1. Lyman DR: Gordon Wilson. *Trans Am Clin Climatol Assoc* 1933; **49**: xlvi.

APPENDIX C

1. Waring JJ: Jeremiah Metzger, M.D. *Trans Am Clin Climatol Assoc* 1959; **71**: xlviii.

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