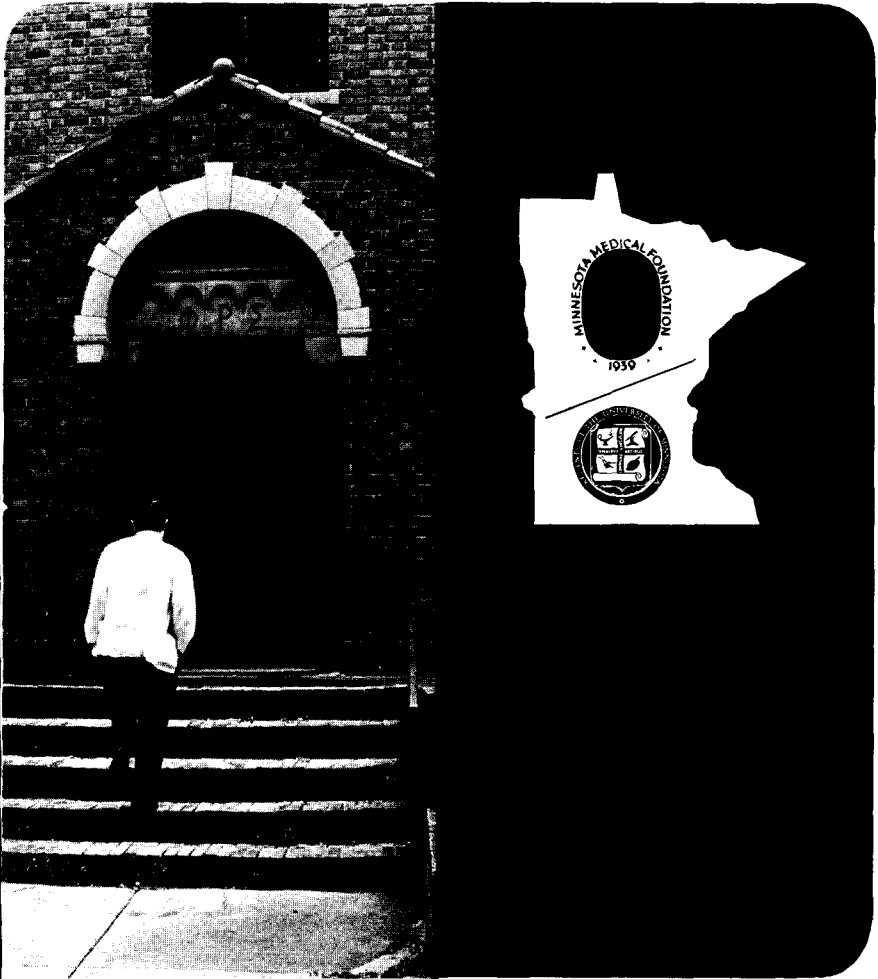


MEDICAL BULLETIN



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Cover: A dark doorway symbolizes the fate of Phi Rho Sigma's famous old fraternity house on Union Street. The handsome brick-and-tile structure will be razed in 1970 or 1971 to make way for Medical School expansion. Phi Rho is planning a new house near the University campus.

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Alumni Survey



Class of 1928 (MB)

A sudden search for the Class of 1928 was stimulated by the poignant appeal of Fred Wiechman, Jacksonville, Fla. When Fred told the editors "it's our 40th year," the MEDICAL BULLETIN quickly decided to add another to the series of reader-popular Alumni Survey articles.

Even on short notice, we heard from 55 of the 112 graduates. Thirty three are believed to be deceased. The term "believed" is used because alumni records are not totally reliable, and the BULLETIN has "buried" some before their time in the past. We sincerely hope to offend no one in this lively, interesting class, and further hope that any injustices will be quickly pointed out.*

The Class of 1928 (MB) contained some stalwart personages. Among them was an alumni favorite, H. E. "Tiny" Drill, who earned his nickname as a rugged, 200-lb. Gopher tackle. His name, ironically, would be more fitting if he trotted onto Memorial Stadium in 1969 to play defensive halfback.

John Francis Briggs, St. Paul's resident Irish wit and skilled clinician, wears a beard (white—see photo) for the first time, more evidence of his political savvy, and Geneva Shong-Rothemund toils without respite for the mentally ill of Ohio.

The spirit of these 40-year graduates is upward, not in decline. Even those who mentioned their retirement also described an active avocational schedule.

The graduates were asked: What is your most vivid memory of Medical School 40 years ago?

The answers are in italic type following each man's news capsule.

*Lyle V. Berghs, Ralph E. Billings, Leo S. Burns, Elton F. Clothier, Richard M. Davison, William Duncan, Edward M. Elsey, Albert J. Emond, Leonard G. Flanagan, John Folta, Phillip Hallock, Rolf S. Hegge, Arnold E. Hetzler, Otto E. Hubbard, Harold C. Joesting, Andrew R. Johnson, Detlof E. Johnson, Harry A. Johnson, John D. Keyes, Lyder L. Lauge-son, Norman Lende, Frank P. Light, Emanuel S. Lippman, Bert A. McIver, Samuel Miller, Ernest G. Nethercott, Nordahl P. Peterson, Raymond E. Seth, Elwyn V. Strand, Robert C. Thompson, Willis H. Thompson, George W. Waldron, George L. Wilkinson.

The Class of 1928 (MB)

Milton Abramson* has a Ph.D. in OB-GYN and practices in Minneapolis, but expects to do only psychosomatic gynecology starting this summer. He teaches at the Medical School and at Hamline U., lives at 3804 Ewing Ave. S., Minneapolis 55410, with his wife, Ruth. They have two sons who are physicians and eight grandchildren. *Drs. Scammon and Rasmussen, teaching embryology and neurology.*

Fay K. Alexander retired to Lincolnville, Maine in 1962, where he enjoys "travel, boating on Penobscot Bay, golf, and his grandchildren. He and his wife, Leone, have two sons, one a doctor. Fay was a radiologist in Pennsylvania for 30 years. *The erudition of E. T. Bell, Fred Scott, and Arthur Hirschfelder.*

Except for World War II Army service, **Charles A. Aling*** has spent his entire career as a GP in Minneapolis, practicing solo. He won the *Bronze Star* for meritorious Army service, and is a past president of the Hennepin County Medical Society. Charles lives at 5129 Wooddale Glen, Minneapolis 55424, with his wife, Julie. They have one son. *Dr. E. T. Bell's influence and masterly teaching.*

Philip A. Anderson* is a proctologist, practicing since 1948 in Pasadena, Calif. He lives at 455 Northcliff Rd., with his wife, Marguerite. They have three children. Phil is presently associated with the Thatcher Medical Center.

Raynold N. Berke* is semi-retired since 1966 but teaches ophthalmology one day a week at the Stanford University Medical Center, Calif., "a grand and rewarding experience." He is writing a book, plays golf, and lives with his wife at 2275 Sharon Rd., Menlo Park. He practiced ophthalmology many years in the East before moving to California. *Professors Jackson, Bell, Scott, Dean E. P. Lyon, and Phi Rho Sigma.*

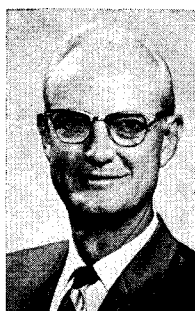
John F. Briggs* is one of St. Paul and Minnesota's best known internists and cardiologists, presently practicing with Dr. James Bellomo and serving on the clinical faculty of the Medical School. He and his wife, Myrtle, live at 193 Maria Ave. They have traveled widely in the past in connection with John's presidency of the American College of Chest Physicians and other medical groups, but both have been slowed by illness in recent years. *Wonderful teachers, and the close rapport between teachers and students.*

Bertram F. Bruenner has practiced dermatology solo in Seattle, Wash., and has been 34 years at the same location. He also teaches at the University of Washington, is married, and has two grandsons. His address is 1926 7th Ave. W., Seattle 98119. *Being frightened by Dr. E. T. Bell!*

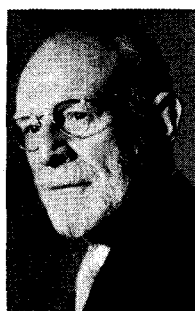
* Member, Minnesota Medical Foundation



C. Aling



R. Berke



J. Briggs

Paul G. Bunker* says he "seems to be making a good recovery" from a recent cardiovascular accident. Paul lives in Aberdeen, S.D., where he has practiced otolaryngology and bronchoesophagology since 1932. He's a former "M" man at Minnesota and recipient of the *Chevalier Jackson Award* of A.B.A. Paul and his wife, Ruth, are home on Melgaard Rd., Aberdeen. Their son, Dr. Thomas Bunker, formerly practiced with Paul. They have two other children. Paul is a life master in tournament bridge. *What a great University and Medical School I attended.*

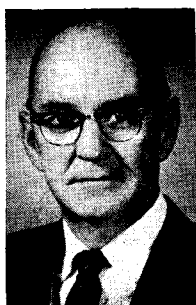
Richard M. Burke* has spent his medical career working on treatment and control of tuberculosis, primarily as a solo internist for 25 years in Oklahoma City, Okla. He closed his office in 1966 and joined the Oklahoma State Health Dept., and now lives at 2012 N. Indiana Ave., where he likes to study medical history. *The drudgery of book learning—in the first two years, brightened by glimpses of clinical medicine such as Dr. Bell's CPC's.*

Wayne W. Canfield is chief of the medical service at St. Peter, Minn. State Hospital. He has spent 21 years as a GP, including 19 in state hospital work. Wayne and his wife, Gladys, have four children and five grandchildren. A son, John, is in the Medical School. *The personalities of teachers like Bell and Litzenberg.*

Howard E. Clark lives in picturesque Carmel, Calif., and has practiced general medicine in nearby Monterey since 1935. His home address is R. 1, Box 370. Howard and his wife, Charlotte, have a son and daughter.

Edward N. Cook practices urology at the Mayo Clinic, a post he took in 1933 after surgery fellowship there, and teaches in the Mayo Graduate School of Medicine, "an ideal practice and association with a patient-oriented clinic and educational program." A member of Sigma Xi, he lives on Crocus Hill, Salem Road, Rochester 55901, with his wife, Jean. They have three children. *The friendships that were made.*

* Member, Minnesota Medical Foundation



E. Cook



F. Curran



E. Dewey

William G. Cummings practices OB-GYN alone in Winnetka, Ill., and since 1934 at an Evanston, Ill. hospital. He teaches at Northwestern Medical School, and hopes to retire to Florida for golf and gardening. He and his wife, Jeanette, live at 699 Elm St., Winnetka, 60093. *The basic sciences professors.*

Donald H. Dewey* has practiced GP solo in Owatonna, Minn. for 39½ years, says he "is 65, loves people, is afraid he'll 'never quit' his work." Don is city health officer. He and his wife, Barbara, have three children, including two at the University. *Placid apathy.*

Frank J. Curran has had a private practice of child psychiatry in New York City since 1958. Previously he taught and practiced at NYU Medical School and the University of Virginia Medical School. Frank has been president of several professional societies. He lives at 180 East End Ave., New York 10028, with his wife, Charlotte, and has "no plans to retire." *Professor Scammon and his ambidexterity.*

Earle T. Dewey is retired and lives in Colfax, Calif. (PO Box 751), with his wife, Margaret, who he met at the University of Minnesota. They have two sons. Earle spent 1946-66 as Metropolitan Life Ins. Co.'s medical director for San Francisco headquarters. He formerly taught at Stanford and was a public health physician in San Francisco. Earle served in the Navy during World War II, and is an avid trout fisherman.

Thomas E. Dredge* is a staff psychiatrist at University of Minnesota Student's Health Service, a post he took after completion of 35 years, general medical service with the Veterans Administration. Tom passed the psychiatry boards in 1957, and is on the clinical faculty of the Medical School. A son, **Thomas, Jr. (Med. '59)**, is a resident in psychiatry. Tom, Sr.'s wife, Aileen, lives with him at 8824 River Ridge Rd., Minneapolis 55420. *Dr. J. A. Myers, for his dedicated teaching of respiratory diseases.*

* Member, Minnesota Medical Foundation

Charles H. Drenckhahn* is an internist with the Carle Hospital Clinic, Urbana, Ill., where he moved in 1934 after pathology and medicine training in Minnesota. He lives at 401 W. University Ave., Champaign, 61820, with his wife, Ann. They have four daughters, two married to MDs. *Having teachers such as Jackson, Rasmussen, Bell, and Scammon, but mostly that thrilling day in July, 1924, when I was notified of my acceptance for Medical School.*

H. E. (Tiny) Drill* has operated the Drill Clinic in Hopkins, Minn. for industrial and general practice since 1931. He also practiced some in Battle Lake, Minn., and is holder of the University of Minnesota's *Outstanding Achievement Award*, as well as commendations from the Hennepin County TB and Health Association, Blue Shield, and the gratitude of the Medical School for his loyalty and support. Tiny and his wife, Violet, are parents of **Frederick E. (Med. '56)**, and **David K. (Med. '59)**, as well as a daughter who is wed to a psychiatrist. Tiny is past president of both the Minnesota Medical Foundation and the Minnesota Medical Alumni Association. *Dr. William A. O'Brien, who could make you feel like a doctor before you really were.*

Floyd L. Dunnavan practiced EENT in Vancouver, Wash. from 1935-1968, and is now retired and living at 74-265 Fairway Dr., Palm Desert, Calif. 92260. He was on the clinical faculty of the University of Oregon, where he also took his residency. He is married and has two grandchildren. *My admiration for all my professors and instructors.*

Keith R. Fawcett* has been an ophthalmologist for many years with the Duluth, Minn. Clinic. He does informal teaching at Duluth hospitals and lives at 20 S. 26th Ave. E., 55812, with his wife, Helen. They have four children. *Dr. Scammon's lectures.*



F. Dunnavan



F. Fetter



W. Johnson

* Member, Minnesota Medical Foundation

Ferdinand Fetter* is a solo internist in Philadelphia, Pa., and teaches at the University of Pennsylvania and Presbyterian-University Medical Center. His address is 322 South 21st St. 19103. He and his wife, Elizabeth are parents of two, both now college teachers. Ferd served in the Navy 1941-45. *Dr. E. T. Bell and Dr. Richard Scammon.*

Viola I. Fischer retired from a Lutheran medical missionary career in 1966, now lives at Penney Farms, Fla., 32079, P.O. Box 246. Single, she served in China 20 years, Tanganyika nine years, and Malaysia in the early 1960's. *Dr. Litzenberg's lectures and Dr. Fahr's classes.*

Henry F. Gallagher,* with 36 years in pediatrics, now practices solo in Los Angeles, Calif., and lives at 4455 Los Feliz Blvd., 90027, with his wife, Betty. He is the father of three, including a physician son. Henry says he has "no plans to retire."

Abe A. Gilman practices pediatrics alone in San Francisco, and lives at 64 Manzarita Ave. His wife is deceased. There are three children. Abe has been at the same location since 1932, and just retired after 34 years with the S.F. Health Dept. He remains in private practice, and likes golf. *Dr. Bell's sessions.*

Gustav J. Guldseth is a GP in Hemet, Calif., and lives at 40805 Park Ave. He and his wife, Elsie, are parents of six, including a son who is a doctor. Gustav is a former medical missionary in China and Africa, and the author of a book, *Emotional Ills and the Christian*, published in 1968 by Logos International, Plainfield, N.J. *Afraid of Dr. Scott!*

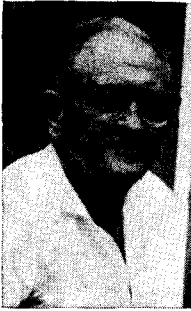
Cyrus O. Hansen* is a partner in radiology with Drs. Iverson and Nord in Minneapolis. He trained under Rigler and Stenstrom at Minnesota, and has taught on the clinical faculty for many years. With wife, Gladys, he lives at 4921 17th Ave. S., Minneapolis. They have four children. *The Scholars in the Department of Anatomy—Scammon, Rasmussen, Jackson, and Bell.*

Bernard D. Harrington* plans to retire this summer after 35 years of radiology practice in Tacoma, Wash. He trained at Michigan and spent World War II in the Air Corps. He is presently living on Rt. 2, Box 2403, Gig Harbor, Wash., with his wife, Marcia, and has four stepchildren. *Dr. E. T. Bell.*

Meredith B. Hesdorffer* says he's "still busy in medicine" as director of continuing medical education, Martinsville, Va. General Hospital. He retired as plant physician for Dupont Co. in December, 1968, now lives at 6 Whittle Road, with wife, Ruth. They enjoy growing roses and watching their five grandchildren. *Excellent teachers—Scammon, Wangenstein, Bell, and Litzenberg.*

Edwin G. Hubin was Sandstone, Minn.'s *Man of the Year* in

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E. Kersten



L. Koon



O. Lipschultz

1964. He has been a GP there for 21 years, following 15 years as superintendent and medical director of the Deerwood, Minn. State Sanatorium. He served briefly in World War I, and has been a widower since 1962. Still active in practice, he's 75 years old and enjoying his eight grandchildren. *Anatomy dissection of cadaver with three freshman colleagues—Dr. Erdman in charge.*

Richard M. Johnson is a practicing internist with the Harri-man Jones Clinic, Long Beach, Calif. He has taught at four different medical schools, including Minnesota (1931-37), and now lives at 257 St. Joseph Ave., with his wife, Bertha. They have a son, daughter, and three grandchildren. *Almost unlimited laboratory and library facilities in a stimulating environment for learning and motivation.*

Erwin H. W. Kersten* is retired from a career in general practice and surgery, and now lives at 411 N. West St. Anaheim, Calif. 92801. He and his wife have four sons, one a physician. Erwin served twice in the military, and has traveled a lot during his retirement. *Owen Wangenstein, who was just starting, and Jennings Litzenberg, a gentleman, teacher, and scholar.*

Laura Koon* is senior psychiatrist at the Institute of Living, Hartford, Conn., and lives at 25 Avonside, in nearby Avon, Conn., 06001. Her husband, J. Thomas Howard, is deceased. She has two married daughters. Laura has been at the Institute 25 years, is now semi-retired, and enjoying gardening and her three grandchildren. *Dr. Bell's clinical path conferences.*

William E. Johnson lives on Rte. 2, St. Cloud, Minn., and now practices at the V. A. Hospital in St. Cloud. He formerly practiced general medicine for 34 years in Morgan, Minn., and "would do it all over again as a career." He and his wife, Helen, have three children, including **Bruce E. Johnson**, a member of the 1969 graduating class of the Medical School.

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C. Dexter Lufkin* practiced 12 years in Northfield, Minn., served in World War II, then joined the V.A. Medical Staff, serving in Minneapolis, South Dakota, and now in Cheyenne, Wyo. for the last 10 years. He and his wife, Betty, have a physician son, and four other children. Their address is 3612 Carey Ave. Writes Dexter: "*Government medicos are not required to quit until age 70 . . . with personnel shortages . . . might just slow down to half time and 'whittle' . . . like Calvin Coolidge said.*" Dr. E. T. Bell . . . tremendous influence.

After **Leonard Lang** finished OB-GYN training at Minnesota, he taught four years full time on the Medical School faculty. Thirty one years of private practice and part-time teaching have followed. Leonard practices in Minneapolis with a seven-man group, and lives at 5220 Interlachen Blvd. with his wife, Carmen. They have three children and five grandchildren. Len likes fishing, golf, and "checking the racing form in season." He was honored by St. Barnabas hospital and St. Thomas College recently for outstanding medical service. *Inspiration from memorable teachers such as Litzenberg, Bell and Rasmussen.*

Otto A. Lenz practices general medicine solo in the Medical Arts Bldg., and lives at 5809 South Drive, Minneapolis, 55436. He and his wife, Winnie, are parents of four children, one a doctor.

Oscar Lipschultz* is now fulltime in radiology at Hennepin County General Hospital, after 27 years of private practice. He was head of radiology for the 26th General Hospital, U.S. Army (Minnesota unit) during World War II). Oscar's wife is deceased. Daughter Karen is married to a physician, and son Martin is a student at the Medical School. Their address is 4800 Highway 7, Minneapolis 55416.

Roy A. Lundblad of Minneapolis is now retired and living at 4915 Sheridan Ave. S. He served in the South Pacific during



C. Lufkin



K. Nelson



C. E. Palmer

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World War II. Among his children is **Rodger R. Lundblad** (Med. '61), a Minneapolis urologist. *Getting enough money to go to school.*

Tilden I. Moe* spent 30 years in the Navy, retiring in 1958 to become a pathologist at Kern County Hospital, Bakersfield, Calif. He lives at 430 Chestnut St. Although near his 72nd birthday, he has "no plans for retirement." His wife's name is Dorothy. *High quality of teaching by an interested and stimulating faculty.*

Kenneth Roy Nelson* spent 33 years on duty with the USPHS, then retired as a Rear Admiral in 1963 to take a post as Director of Medical Institutions of Alameda County, Calif. He lives in Oakland at 1200 Lakeshore Ave., Apt. 19D, with his wife, Harriett. Ken likes golf and bridge, and has won several awards for service to various parts of the nation where his career took him.

John M. Nelson practiced general medicine 30 years in Missoula, Mont., but relocated in 1965 in Laguna Hills, Calif. Medical Clinic. He lives at 4107 Calle Bienvenido in nearby San Clemente with his wife, Anna. They have two children and like to travel. *Dr. E. T. Bell's classes.*

Carroll E. Palmer retired in 1967 after a 33-year career with the USPHS, but now teaches biostatistics fulltime at the University of California School of Public Health, Berkeley. He lives at 2591 Hilgard Ave., and has honorary degrees from the University of Oslo, Hamline University, and honors from the Royal College of Physicians and the National Tuberculosis Association. He has a son in Medical School. *Richard Scammon, his courses and inspiring talks; those hellishly cold winters.*

Raymond Fridolph Peterson* had a long career as pathologist in Montana and was president of the Montana State Medical Association. Since 1960 he's been at Martin Luther Hospital, Anaheim, Calif., in practice, and living at 801 Lugana Rd., Fullerton, Calif. 92632. A son, **Raymond M. Peterson** (Med. '61) is practicing pediatrics in California. Ray "plans to retire in the year 2000." *Dr. Bell's clinical path conferences, and, as a University Band member, when we played for the Memorial Stadium dedication. Half the band played "America" and the other struck up the "Star Spangled Banner"!*

John F. Pohl has practiced orthopedic surgery in Minneapolis since 1937. He lives at 1708 Irving S., with his wife, Alice. They have three children. John is listed in *Who's Who*, has been active in the World Health Organization, and was a Navy reservist. *Dr. Richard E. Scammon, who came closest to being a stimulating teacher.*

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Shong-Rothemund



E. Rusten



G. T. Schimelpfenig

Elmer M. Rusten is a practicing dermatologist in Minneapolis, and has taught at the Medical School for years. He lives at 1842OD 8th Ave. N., Wayzata, with his wife, Helen. They have a son, Michael. Elmer says he enjoys "hunting, fishing, measuring heads, antlers, skulls, and raising dogs." *Dr. Richard Scammon drawing with both hands while lecturing, too, in embryology class.*

G. T. Schimelpfenig* has practiced many years as a GP in Chaska, Minn. He established the Valley Medical Clinic in 1961, and has served on the Chaska School Board for over 30 years. He and his wife, Edith, like to travel. They have two daughters, both married to ministers. *My association with the doctors of "yore," esp. Wangensteen, Litzenberg, and Moe.*

Max E. Schottler is retired due to ill health and lives at 4916 First Ave. S., Minneapolis, Minn. 55409. He was formerly in general practice. One of his two sons is **Jerry L. Schottler (Med. '60)**, and his wife, Anna, was a nurse at Northwestern Hospital.

Horace G. Scott* is a general surgeon in Minneapolis and lives at 16722 Grays Bay Blvd., Wayzata, Minn. 55391. A son, **John C., (Med. '61)**, practices OB-GYN, and Horace teaches on the clinical faculty. He and his wife, Grace, enjoy birdwatching and moviemaking. *The formaldehyde smell of the cadavers in anatomy; Dr. Richard Scammon and his ability to draw two different pictures simultaneously using both hands.*

J. Vincent Sherwood is retired from general practice and lives in Largo, Fla., at 229 Shangri-La. He practiced in South Dakota, and did much TB work, was married in 1925. He and Violette have two children, and enjoy golf and painting. *The acute feeling of inadequacy in a certain Medical class.*

Geneva L. Shong-Rothemund has spent the last 15½ years as a pediatrician on the staff of Orient State Institute for Mentally Retarded, Orient, Ohio. She is married to Dr. Paul W. K. Rothe-

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mund, a research chemist at Ohio State U. They have a son who is a medical graduate of OSU. Gen has spent most of her career practicing in Ohio, and has no plans to retire. *Going to student clinics at Miller Hospital. Being the first woman to eat at "Paul's Place," invited by other students, on the day Lindbergh flew the Atlantic.*

Frank M. Smisek is retired for health reasons after 40 years of solo general practice in Minneapolis. He served three years in the Navy in World War II, now lives at 5446 Edgewater Blvd., with his wife, Cecelia. They have two children, and are "enjoying life in full because it's later than you think." *The friendly cooperation between the specialists and generalists; Dr. Fred Schaaf, my ideal, teaching physical diagnosis.*

William A. Stafne* retired from the Fargo, N.D. Clinic, where he was an internist, and entered politics. He was elected a state Senator in the North Dakota Legislature. Bill's address is c/o Box 1166, Fargo. He and his wife, Elizabeth, have two children. *I recall the teaching methods of Drs. Bell, Scammon, Rasmussen, and Jackson.*

Charles H. Watkins retired from 35 years as an internist and teacher with the Mayo Clinic in 1964, to live at 10245 Ironwood Dr., Sun City, Ariz. 85351. However, he still practices May through October at the Riverside, Calif. Medical Clinic. The Watkins family includes two married daughters, and they like golf, canoeing, and fishing in Canada. Charles was a Navy captain during World War II. *The excellence and courtesy of most of our teachers.*

Fred H. Wiechman* is senior medical officer of the V.A. Out-patient Clinic, Jacksonville, Fla. He lives at 311 W. Ashley St., and was married earlier this year to Florence Randall. His first wife, Olivia, died in 1967. They had three children. Fred served five years with the Army during World War II, and has spent the entire postwar period with the V.A. He plans to retire in 1970 and do "lots of gardening and fishing." *Millard Hall, rounds with Dr. O'Brien, and clinical path conferences with Bell and Rigler.*

Listed as members of the Class, but unheard from in this survey were:

N. H. Baker, L. H. Bendix, W. H. Craddock, C. Davee, E. E. Engel, G. M. A. Fortier, T. I. Goldman, E. H. Grumke, E. Hendricks, S. E. Horwitz, Y. T. Johnson, R. S. Madland, H. Miller, J. E. Montgomery, O. L. N. Nelson, E. G. Olsen, M. C. Rosekranz, M. H. Rourk, J. O. Rude, R. H. Rufe, C. H. Slocumb.

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A UNIVERSITY EDUCATION — — FOR WHAT PURPOSE?

WESLEY W. SPINK, M.D.

Regents Professor of Medicine, University of Minnesota

Provost Darland, you have honored me by the invitation to address the Class of '69, their families, and their friends. I was born in Duluth. After graduating from Duluth Central High School I began the long academic and professional training which is the obligation of a medical man, ending up as a teacher and a physician in the Medical School of our State University.

In my brief remarks I wish to direct your thoughts along two different but related themes. First, why do the taxpayers of this State, through their Legislature, develop and support a campus like the University of Minnesota, Duluth? Are the objectives of a University being accomplished, which is primarily to educate the enrolled students? What is being taught and what are the results? Secondly, considering the turmoil and violence that exist on many of our nation's campuses, what effect will this have on the educational efforts of this particular institution?

What is a University? For many years I have had within easy reach a shelf of books that I treasure and have read and re-read many times. One of these well worn volumes is "*The Idea of a University*" by Cardinal Newman, which comprises a series of lectures delivered over 100 years ago in Dublin. John Henry Newman was a distinguished member of the Protestant faith and preached at Oxford. He is probably most generally known as the author of the hymn, "*Lead Kindly Light*". After an intense personal struggle he converted to Catholicism and was finally ordained a Cardinal.

Newman's style is one of the royal patches of English literature. He was a strong advocate of the liberal arts tradition, believing that a student should be exposed to a broad range of knowledge and to the wisdom of the past. Permit me to quote



W. W. Spink

* Commencement Address, University of Minnesota, (Duluth), June 6, 1969.

directly from him: "This process of training, by which the intellect, instead of being formed or sacrificed to some particular or accidental purpose, some specific trade or profession, or study or science, is disciplined for its own sake, for the perception of its own proper object, and for its own highest culture, is called Liberal Education." With this educational background a person can and should continue his self-instruction for the rest of his days, a practice that will give him a better understanding of the problems of all classes of society and will comfort and relax him when he is alone. I stress the liberal arts tradition because the urgent need in this world is for people to communicate with each other. C. P. Snow, the distinguished British writer, in his challenging book, "The Two Cultures," believes that the dichotomy between those engaged in the humanities and arts and those in the biological and natural sciences is so great that communication is difficult, if not impossible. Lack of communication brings with it misunderstanding. I do share some degree of apprehension with this opinion. I do believe that an adherence to the liberal arts tradition can aid in bridging this gap.

LIBERAL ARTS

What about the Liberal Arts on your campus? A clear answer is given to this query in the *University of Minnesota, Duluth Bulletin* under "Purposes of the College". "The University of Minnesota, Duluth strives to accomplish the following purposes:

1. Development of the art of critical thinking.
2. Examination of basic values in light of the thought and experience of mankind.
3. Preparation for leadership and social responsibility.
4. Encouragement of broad cultural and intellectual interests.
5. Development of vocationally useful abilities."

Upon reading such an excellent statement an inquiring individual would immediately look for objective evidence that the students are being exposed to such a tradition on the Duluth campus. Along with some very pleasant relationships with Duluth graduates, I have been greatly impressed in my visits here by the development of your campus along the principles outlined in the *Bulletin*. It is only a short walk from well-equipped scientific laboratories to the center of humanities, where one will also encounter the beautiful Tweed Art Gallery. And most appealing is

the excellent library, which is a center for intellectual achievement for both faculty and students on any campus. You have been most fortunate in this well-designed library with ample space for further expansion and one that is efficiently operated. A particular feature is the marvelous section on children's books.

I am convinced that the University of Minnesota, Duluth places major emphasis on the liberal arts tradition. This effort benefits each student in attendance and reaps another benefit for society. A considerable number of graduates from this campus enter into the teaching profession, particularly at the level of primary education, and a liberal arts education is a wonderful preparation for teachers with broad social and cultural interests. I would urge all of you members of this graduating class to continue to expand your cultural and social lives by adhering actively to the liberal arts tradition that you have shared on this campus. While I have emphasized the liberal arts thus far, I do not wish to imply that vocational or professional training is less important. These are aspects of the educational process that complement each other.

Another major feature of a University is the development of a Graduate School. This involves the selection of qualified students for specialty training and for the granting of advanced degrees. In addition, qualified faculty members are necessary for this effort. Not only does a good University disseminate acquired knowledge, but both students and faculty should contribute to society new knowledge resulting from research. The University of Minnesota, Duluth has successfully embarked upon a Graduate School program. Growth will be slow because resources are limited, but further development will come. I hope that teaching and research will expand together, and that first-rate teachers will not neglect teaching in favor of research. As one who has worn three hats for over 35 years: *teaching, research and patient-care*, I am convinced that, by proper selection of a faculty, teaching and creativity can be successfully combined for the benefit of students and of the University.

One aspect of your Graduate School plan merits further comment from me. You are now embarked upon an effort to create a Medical School on this campus. I have more than a superficial knowledge for believing that such a school *should* be supported here by the State of Minnesota. Duluth has always been an excellent medical center with good hospital facilities. Development of the basic sciences curriculum should not be too difficult, provid-

ing faculty is available. There is a desperate need for medical personnel, and Duluth can help meet this challenge. I believe that you will get a Medical School — and soon.

STUDENT UNREST

And, now, I come to my second theme, which is student unrest, as manifested on many of our campuses today. Although the Duluth Campus has been free from protest and violence, no college or university campus, including Duluth, will be the same after what has happened in 1969. Let me emphasize that student revolt has occurred intermittently since universities were founded. The opening sentence on the history of Cambridge University as found in *The Encyclopedia Britannica* reads as follows: "The history of the University may be said to begin with the year 1209, when, following disturbances at Oxford between the scholars and townspeople, a number of the scholars migrated to Cambridge." That is typical British understatement. What really happened is that the students at Oxford rioted and then walked out of Oxford and across the fields, and set up their own university at Cambridge!

It would be pretentious on my part to give to you a 15-minute explanation of the basic causes for student unrest today, although many of my contemporaries might try to do so and at the same time include solutions for what they call "the activities of those hippies". The causes are complex and the solutions difficult.

First, let me give you my credentials for speaking on this subject. I have been a member of the faculty of the University of Minnesota for almost 35 years. Never have I encountered better prepared students in the Medical School than during the past few years. Granted that they are carefully selected, they do reflect superb early scholastic preparation in the primary and secondary schools of our State. And I have been able to see a much larger segment of students on the Minneapolis Campus as a member of the *Commission on Campus Demonstrations*, appointed by President Malcolm Moos. This group, consisting of faculty members and students, met together over a period of many weeks, and listened to administrators, police, student leaders and faculty. We also had an opportunity to analyze the disturbances occurring at other institutions. It is of interest that our observations and recommendations have been solicited by several other universities.

In general, college students today are remarkably sincere and open in their opinions and conduct; quite sensitive to social inequities; extremely critical of mediocre teaching and the tables of organization of their institutions; and demanding more of a voice in the development of curricula and the selection of faculty. Small, but powerful groups are so insistent on immediate change that they will resort to violence and interfere with the rights of others.

It is a characteristic of the young to react quickly and to demand immediate change, whereas their elders tend to adhere to the *status quo* and to resist abrupt change. This distinction is probably better known as the Generation Gap. But what is it these young and discerning students see in modern society that excite them to the extent of destroying the very foundations of democracy and freedom on a campus? One can cite many causes, and they vary from campus to campus. Perhaps one of the most basic and frustrating of these causes is the continuation of the Viet Nam war, which they consider a senseless destruction of life and property, without meaning, and of course, many mature and wise leaders in this country agree with them. They resent the continuance of racial discrimination and are highly sympathetic with the struggles of disadvantaged youth. They see a wide gulf between affluence and poverty in our society with its deteriorating urban areas and ghettos. There are the frustrations induced by our transportation facilities, by air and water pollution, and they abhor the deceit and hypocrisy of some of our elected politicians. In short, students of today are breaking out of the Ivory Tower and projecting themselves into the community. Unfortunately, their frustrations and desire for immediate change are taken out upon University presidents and trustees. In their zeal they have resorted to violating the rights of others and to destroying property.

How is a university to resolve the discontent of restless students? First and most important, the administration must be sensitive to student requests and at all times must communicate with them. If the demands of students are excessive and totally unreasonable, a compromise on the part of both sides may be necessary before a solution is reached. The destruction of property and the violation of the rights and freedom of others cannot be condoned. We have been fortunate on the Minneapolis Campus because of the alertness of President Moos and his associates in quickly appraising student demands and resolving the differences in a rational manner.

Graduates of 1969, what has taken place on your own Duluth campus? You have witnessed no serious demonstrations and no violence. Why not? Largely because you have a small and cohesive school with but one single purpose: the pursuit of an education. You have been fortunate in having a skillful administration, and a quality faculty. You have been fortunate in the support received from the citizens of Duluth. In discussing UMD with a distinguished educator recently, he stated that Duluth could become in the future the ideal national model of a small University. But I warn you, do not become fragmented and do not grow too quickly. Never sacrifice excellence for size.

I remain optimistic about our society and our democratic way of life. When Arnold Toynbee, the distinguished historian, reached his 80th birthday recently, he was asked what future historians might say about our present civilization. He answered in a tone of optimism that, for the first time in the history of the world, peoples and nations were reaching out to help each other.

Members of the Class of 1969, your generation faces the greatest of challenges at a time when our nation is engaged in an agonizing war in Vietnam and there is unrest and turmoil at home. My generation lived through a catastrophic economic depression and two World Wars. Out of the preparations for these wars came technological advances that have far surpassed the wildest of men's dreams at the time of my own graduation from college. You have the challenge to divert these advances into the relief of human suffering and to work for a peaceful world.

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Dermatology

SUNLIGHT PROTECTION*

Ramon M. Fusaro, M.D.†

Walter J. Runge, M.D.‡

and

Joel D. Nash, M.D.§

SINCE the time of the ancient Egyptians man has worshiped the sun. Today, our admiration is not for the sun but for its tanning effect on the skin. In the white race this color is the herald of damage to the skin by ultraviolet (U.V.) radiation. In addition to the aging effect of U.V., physicians have recognized another consequence of light exposure to the skin—sunlight sensitivity. Within the last several decades, there has been a marked increase in the number of patients with sunlight sensitivity. Improved medical training and research may account for our recognition of the disorder; however, the increase in incidence may be caused by the introduction and use of modern drugs which are potentially photosensitizing. Treatment and protection of these photosensitive patients have been discouraging.

Managing Photosensitivity

The following methods have been used in the management of photosensitivity: (1) *application of ointments containing opaque substances or U.V. absorbing chemicals*, (2) *ingestion of such agents as antimalarials*, (3) *the wearing of heavy, opaque clothes*, and (4) *staying out of the sun*. All of these forms of protection have major disadvantages which are unacceptable medically, physically, and psychologically. Most patients with sunlight sensitivity usually change the pattern of their lives and stay out of the sun.

Several years ago we introduced a new concept of protection, the chemical alteration of the stratum corneum by the topical application of dihydroxyacetone (DHA) and naphthoquinone (lawsone and juglone) which significantly reduces the quantity of U.V. radiation penetrating the keratin layer. The advantages of this form of protection are: (1) the therapy is topical, not oral, (2) the topical preparation is kept at home and is applied in the evening, (3) protection cannot be removed by bathing or by soap and water, and (4) the patient can indulge in strenuous exercise without loss of U.V. protection by sweating or interference with sweating from a greasy ointment.

* From a report to the Staff Meeting of University of Minnesota Hospitals on May 23, 1969

† Associate Professor, Department of Dermatology

‡ Assistant Professor, Department of Dermatology

§ Medical Fellow, Department of Dermatology

Results

Since 1961 we have used this form of protection in photosensitive patients. During the last eight years at Hastings (Minn.) State Hospital, we have successfully protected over 200 patients with chlorpromazine light sensitivity. At the University of Minnesota Hospitals we have treated approximately 65 patients with various forms of severe light sensitivity. All previous methods of protection had failed in these patients. After treatment with DHA/lawsone, one-fourth of these patients were able to tolerate 8-10 hours of sunlight exposure. Fifty percent were able to engage in outdoor activity for 1-6 hours. Ten percent received minimal protection for 15-60 minutes whereas previously they could not tolerate even a few minutes of sunlight. The remaining 15% received no protection or failed to return to clinic.

Clarification of the mechanism by which this protection takes place has not been investigated. In an effort to elucidate the mechanism we have developed an experimental laboratory model. The model consists of using white rats photosensitized with psoralens and exposing one of the hind paws (or both in the test situation) to U.V. "black light." Three days later the animals are sacrificed and the hind paws are excised and weighed. Our results show that in the unexposed rats, the difference in the weight of the excised hind paws is not greater than three percent. If one of the paws is exposed, its weight increases by an average of 25-33 percent, depending upon the amount of U.V. exposure. Since keratin sheets treated with DHA/naphthoquinone absorb equally in the near and far U.V. spectrum, testing in the near U.V. is a measure of protection in the far U.V. region. It is anticipated that treatment of one of the paws with the DHA/naphthoquinone mixture will protect the paw from the damaging effect of the ultraviolet radiation; and thus, provide a simple, inexpensive model in the study of this concept of protection.



Medical School News

Medical Foundation Plans \$75,000 Scholarship Fund

The Minnesota Medical Foundation is mobilizing the largest Scholarship Aid program in its history for the 1969-70 academic year. Partly in response to shrinking loan opportunities for medical students, the Foundation has allocated a minimum of \$75,000 in direct cash scholarships to students for the coming school year.



This private assistance will go to at least 100 members of the Medical School student body, who are competing for aid on the basis of their academic performance and need. The program is roughly 50% larger than in 1968, when a record \$51,800.00 was awarded by the Foundation.

Support for the Scholarship Program is derived from multiple sources, including private citizens, alumni, medical organizations, clinics, corporations, and past recipients of scholarships. The Minnesota Medical Foundation also has a growing endowment fund which produces perpetual income usable for the program.

FRESHMAN AWARDS

Fifteen young college graduates who will enter the Medical School in the Fall of 1969 have already won \$750.00 Minnesota Medical Foundation Scholarships for their freshman year. They are: *Frank A. Thorngren, Silver Bay, Minn.*; *Bruce F. Weller, Austin, Minn.*; *Marcia Lindahl, Cannon Falls, Minn.*; *Jeanne Fahey, Oakes, N.D.*; *James Jaranson, Thief River Falls, Minn.*; *Stephen E. Dudley, LeCenter, Minn.*; *Donald L. Zatochill, Grand Rapids, Minn.*; *Keith Kubasch, Winsted, Minn.*; *Robert J. Olson, Ostrander, Minn.*; *Floyd O. Anderson, Richfield, Minn.*; *Joel L. Thompson, Moorhead, Minn.*; *William A. Callahan, Jr., St. Paul, Minn.*; *Eileen M. Karl, New Ulm, Minn.*; *Richard M. Siebold, Hastings, Minn.*; and *George R. Gordon, Fairmont, Minn.*

MERIT AWARDS

In addition, the Foundation has allocated \$150.00 Merit Awards based on either scholastic achievement or need alone to 24 other entering freshman students. They are:

James R. Larson, Bagley, Minn.; Michael Okada, Northfield, Minn.; Bruce E. Adams, Minneapolis; James Breitwieser, Walker, Minn.; Henry C. Dahlman, Minneapolis; Sterling K. Clarren, Minneapolis; James W. Chastek, Minneapolis; James S. Erwin, Caledonia, Minn.; Anthony J. Kotnik, Eveleth, Minn.; Thomas C. Laselle, Detroit Lakes, Minn.; Raymond L. Struck, Bellingham, Minn.; Gregory R. Champion, Coon Rapids, Minn.; Jo Ann Moline, Pepin, Wis.; Robert A. Bonner, Columbia Heights, Minn.; James J. O'Leary, Minnetonka, Minn.; George G. Klee, Rochester, Minn.; Jayne M. Boche, Inver Grove Heights, Minn.; Thomas W. Hennessey, St. Paul; John Zemjanis, St. Paul; Richard L. Lindstrom, Minneapolis; Clinton T. Moen, Silver Bay, Minn.; Steven J. Shirilla, Aitkin, Minn.; David W. Hunter, St. Paul; and Lenore Van Santen, Minneapolis.

MICROSCOPE LOAN PROGRAM

The Minnesota Medical Alumni Association has allocated the loan of microscopes to 23 entering freshman students. Under this program, deserving students with need and good scholastic performance are given the free use of a high quality microscope during their freshman and sophomore years. The program is provided by the gifts of alumni to the Medical Microscope Fund.

Winners of microscope loan awards starting this Fall are:

Thomas R. Edwards, Minneapolis; Gary R. Burke, Janesville, Minn.; Robert D. Chalgren, Mankato, Minn.; Arlene P. Boutin, St. Peter, Minn.; Elliot Scherling, New Hope, Minn.; Roger A. Ralston, Virginia, Minn.; Allen M. Schnaser, Sauk Rapids, Minn.; Wayne Hoppe, New Munich, Minn.; Carolyn G. Sharp, Mapleton, Minn.; Martin T. Zanna, St. Louis Park, Minn.; Ronald G. Johnson, Waseca, Minn.; Diane S. Tanabe, Burnsville, Minn.; Michael S. Zlonis, Duluth; Robert A. Krause, St. Louis Park, Minn.; Lois Blaustone, Minneapolis; Duncan L. Hubbard, Polson, Mont.; Jerome I. Thompson, Mankato, Minn.; Michael H. Walton, St. Clair, Minn.; Louis J. Rusin, Columbia Heights, Minn.; Sandra Kay Sackett, St. Paul; Timothy A. Dooley, Wayzata, Minn.; Gary D. MacGregor, St. Paul; and Ronald K. Menk, Springfield, Minn.

Faculty Men Named Distinguished Teachers



J. P. Brantner



Wm. J. Riley

Dr. John P. Brantner and Dr. William J. Riley were chosen winners of the 1969 *Distinguished Teaching Awards* of the Minnesota Medical Foundation. They were honored at Recognition Day ceremonies for superior achievement and extraordinary competence in medical teaching at the University.

Dr. Brantner, an associate professor in the Division of Clinical Psychology, was named best medical teacher by the Freshman and Sophomores students whom he taught under the new Medical School curriculum.

Dr. Riley, assistant professor of Neurology, is a fulltime teacher at Hennepin County General Hospital, under the Medical School's affiliated program. He earned the acclaim of the Junior and Senior medical students.

Both men received the Foundation's citation and a cash prize of \$1,000 each. The awards were conferred by Dr. D. R. Gillespie, St. Paul (Med. '33), president of the *Minnesota State Medical Association*. MSMA provides the cash portion of the awards. Brantner and Riley are the 13th and 14th faculty members to receive the award since the program began in 1962.

Brantner, 48, was born in Illinois, raised in California, and received his professional training in Minnesota. After World War II service in the CBI theater, he studied psychology at the University of Minnesota, graduating Phi Beta Kappa. Later he received his Ph.D. from the Graduate School in Clinical Psychology.

Dr. Brantner has spent 15 years on the full time faculty, is single, and lives in Minneapolis.

Riley, 38 years old, is a graduate of the University of Chicago *Pritzker School of Medicine* (1960), and received the Ph.D. in Neurology from the University of Minnesota in 1965. He is a member of Sigma Xi, Alpha Omega Alpha, and formerly taught

Anatomy at the University of Chicago. His intense interest in teaching is well known. A resident of Minneapolis, Dr. Riley is married and the father of four children.

Past recipients of the Distinguished Teaching Award include:

- | | |
|------------------------------|--------------------------|
| 1962—Carl B. Heggstad | 1966—Aldo R. Castaneda |
| 1963—W. Albert Sullivan, Jr. | —Morris Smithberg |
| 1964—Kenneth A. Osterberg | 1967—James F. Koerner |
| —M. John Murray | —James H. Moller |
| 1965—George C. Flora | 1968—William H. Knobloch |
| —Jack W. Miller | —Donald W. Robertson |



BARNUM AWARDS—Bernard E. Statland (right) and Harold H. Messer (center) were co-recipients of the Cyrus P. Barnum, Jr. Memorial Teaching Fellowship for 1969. Shown conferring honoraria of \$250.00 each to the winners is Dr. Wallace D. Armstrong, head of the Department of Biochemistry. Statland and Messer shared the \$500.00 cash prize as well as the honor for their "exceptional contributions" to teaching of biochemistry in the tradition of the late Cyrus P. Barnum, Jr., professor of biochemistry. Presentation of the awards, underwritten by an endowment of the Minnesota Medical Foundation, occurred at the Third Annual Colloquium of the Cyrus P. Barnum, Jr. Society, held in May at the University. The Barnum Society is composed of students engaged in combined medical and graduate study.

Alumni Deaths

Solveig T. Gislason/1920

Died June 12, 1969, age 78 years, in Edina, Minn., where she lived in retirement. Dr. Gislason was the widow of the late District Judge Arni B. Gislason. She had practiced originally in Marshall and New Ulm, Minn., and for many years on the staff of the St. Peter (Minn.) State Hospital.

William B McMurtrie/1921

Died May 26, 1969 in Minneapolis. He was 71 years old, and a staff member of St. Mary's Hospital, with offices on Lake street.

Alban F. Gaalaas/1924

Died May 25, 1969 in St. Petersburg, Fla., age 70 years. He was a retired Colonel in the Army Medical Corps, and had lived in Florida since 1952. He was formerly attached to the Surgeon's General office, and a staff member at Walter Reed Army Hospital. His widow, Mrs. Pearl Gaalaas, resides at 4455 Duhme Road, St. Petersburg.

Arthur W. Nuetzman/1931

Died May 24, 1969, age 66 years, in Rochester, Minn. He had practiced 35 years in Faribault, Minn., serving 20 years as Rice County coroner, and was a past president of First English Lutheran church of Faribault.

MEMORIALS

Gifts have been received recently by the Minnesota Medical Foundation in memory of the following:

Art Abrams	Robert G. McPherson
Mrs. Molly Davis	Esther Okinow
George Guenther	Helen J. Peterson
Adam Horsman	Dr. Wallace P. Ritchie
Lynn Hutton	Oscar Septon
Robert J. Knoepfler	Martha Steele
George Leary	Lester I. Strouse
Greg Lehn	Wilfred Theisen
Mrs. Mary Levin	Ruth C. Waychoff
Thomas Lubitz	Evelyn Yessne

Memorial gifts are a thoughtful means of honoring the memory of a relative, friend, or colleague. Gifts may be designated for specific purposes. The Minnesota Medical Foundation acknowledges all gifts to both donor and next of kin.



ALUMNI SCENE

HEALTH CAREER OPPORTUNITIES

Six high school students from disadvantaged areas of the Twin Cities are working and learning for 10 weeks in University of Minnesota Health Science Center Laboratories this summer under a new program supported by the Minnesota Medical Foundation.

Under a program titled "Career Opportunities in the Health Sciences," young people from minority backgrounds have found the door opened to a chance to express their skill, aptitude and interest. Dr. Ernest Gray, associate professor of biochemistry and pediatrics, who created the program, believes it will stimulate and encourage additional people for possible commitment to careers in the medical and paramedical fields.

The Foundation's Board of Trustees, similarly impressed, voted a grant of \$3,000.00 to support six \$500 stipends for the first year of the COHS program.

MEMBERSHIP DUES

Members of the Minnesota Medical Foundation can save the organization some expense and administrative burden this summer.

Membership dues are now payable for the year July 1, 1969 to June 30, 1970. The Foundation normally bills all of its nearly 1,800 members directly during the late summer and early fall. Such contributions provide for the costs of the operating the Foundation itself.

If you wish to send your customary check without the bother of being billed, tear out this page of the MEDICAL BULLETIN and remit it, with your gift, directly to the Minnesota Medical Foundation, Box 193, University Hospitals, Minneapolis, Minn. 55455.

The Foundation will be doubly grateful.

Sincerely,

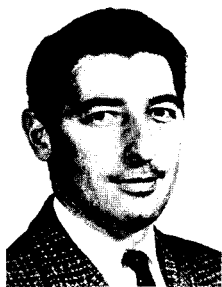
Eivind Hoff, Jr.
Executive Director

EH:CE

Comments and criticisms of remarks appearing in this column are welcome. Indeed, they are solicited. Communication between Alma Mater and the Alumni Family must be two-way. Let us hear from you.

CONTENTS

- ★ SURVEY: CLASS OF 1928 MB
- ★ UNIVERSITY EDUCATION – FOR WHAT?
- ★ DERMATOLOGY
- ★ SCHOLARSHIP PROGRAM



DISTINGUISHED TEACHERS – 1969