

MS 115

"M"

Bulletin of the
University of Minnesota Hospitals
 and
Minnesota Medical Foundation



**Legal Tests
 of Insanity**

BULLETIN OF THE
UNIVERSITY OF MINNESOTA HOSPITALS
and
MINNESOTA MEDICAL FOUNDATION

Volume XXVI

Friday, January 28, 1955

Number 14

CONTENTS

	<u>PAGE</u>
I. PSYCHIATRIC EVIDENCE IN LEGAL TESTS OF INSANITY	325 - 332
BURTRUM C. SCHIELE, M.D., Professor, Division of Psychiatry, University of Minnesota Medical School	
MONRAD G. PAULSEN, B.D., J.D., Professor, School of Law, University of Minnesota	
II. MEDICAL SCHOOL NEWS	333
III. WEEKLY CALENDAR OF EVENTS	334 - 341
IV. MINNESOTA MEDICAL FOUNDATION ROSTER	342 - 361

Published weekly during the school year, October to June, inclusive.

Editor

Robert B. Howard, M.D.

Associate Editors

William D. Armstrong, M.D.
William F. Maloney, M.D.
Erling S. Platou, M.D.

Richard L. Varco, M.D.
W. Lane Williams, Ph.D.

James L. Morrill, President, University of Minnesota
Harold S. Diehl, Dean, The Medical School, University of Minnesota
Ray M. Amberg, Director, University of Minnesota Hospitals
Wesley W. Spink, President, The Minnesota Medical Foundation
Robert B. Howard, Secretary-Treasurer, The Minnesota Medical Foundation

The Bulletin is sent to members of the Minnesota Medical Foundation.
Annual membership fee - \$10.00.

Address communications to: Staff Bulletin, 1342 Mayo Memorial, University
of Minnesota, Minneapolis 14, Minn.

I. PSYCHIATRIC EVIDENCE IN LEGAL TESTS OF INSANITY

Burtrum C. Schiele, M.D.
Monrad G. Paulsen, B.A., J.D.

The Legal Rules

Acts just and unjust being as we have described them, a man acts unjustly or justly whenever he does such acts voluntarily; when involuntarily, he acts neither unjustly nor justly except in an incidental way; for he does things which happen to be just or unjust.

These are the words of Aristotle written centuries before Christ. That praise or blame depends upon the will and intention of him who acts is an attitude deeply engrained in the western if not the whole world community. "I didn't mean it" is the first defense of child and adult alike.

For a long period the most serious crimes in the common law have consisted not merely of a harmful act but also of a certain subjective state. A criminal intention is required bearing the mysterious Latin label "mens rea." Fundamentally the defense of insanity in a criminal case is an argument that the accused was incapable of entertaining the intention demanded by law.

A little over a century ago the English judges made an attempt to describe the kind of mental disorder which would satisfy the courts that an accused could not formulate a criminal design. The judges in M'Naghten's case said:

...to establish a defense on the ground of insanity, it must be clearly proved that at the time of the committing of the act, the party accused was laboring under such a defect of reason, from a disease of the mind, as not to know the nature and quality of the

act he was doing; or, if he did know it, that he did not know he was doing what was wrong.

We should note that the disorder described is said to be a "defect of reason." The emphasis is upon a limitation of cognitive power. It is a rule that we inherit from a psychology which distinguished sharply between the "faculties" of the mind. Under the M'Naghten rule testimony about many kinds of serious mental disease would be logically irrelevant because in some cases the disease may well have left the capacity to know relatively unimpaired. However, it should be added that in practice the physician is sometimes given greater latitude of testimony than the rule would suggest. The logic of the liberal practice is grounded in understanding that the soul of man is one and impairment in one respect is almost always associated with handicap in another.

The M'Naghten rule (which is the law in Minnesota) in common with all other legal tests of insanity points to mental condition at the time, indeed at the moment, of the act. It is the sanity of the accused at that precise instant of time which is the issue in a criminal case. Lack of mental capacity plays a role in another part of the criminal case also: a person will not be tried if he is insane. Insanity for this purpose has its own special test: Is the accused competent to understand the nature of the charges against him and to participate rationally in his own defense. Mental incompetency at the time of the trial differs sharply in its consequences from incompetency at the time of alleged crime. A person who is insane at the time of the trial may be tried when reason has been restored. A person who is insane at the time of the act is not guilty. There is one more criminal law rule about insanity which seems simply barbarous. An insane person convicted of a capital offense which he committed while in his right mind will not be executed.

until the return of reason.

In some states the "right-wrong" test of M'Naghten has been supplemented by the doctrine that if the allegedly criminal act were the result of an "irresistible impulse" the accused should be acquitted. This test of mental disorder refers to defect of will power just as the M'Naghten rule refers to the impaired power of knowing. The test is difficult to apply even when we attempt to do so sympathetically. The books are full of cases telling of impulses which were not resisted but were they really irresistible? Would the accused have yielded to his weakness if a policeman had stood by his side? Further, as one judge has observed recently the "irresistible impulse" test implies that mental disease produces "only sudden, momentary or spontaneous inclinations to commit unlawful acts" and "gives no recognition to mental illness characterized by brooding and reflection."

In 1954 the Court of Appeals for the District of Columbia found both tests inadequate.¹ A broader test for acquittal was formulated: An accused is not criminally responsible if his unlawful act was the product of mental disease or mental defect. The answer to the question put by what we may call the "product-of-disease" test is given by a jury. The District of Columbia Court set forth a sample instruction for judges to give the jurymen:

If you the jury believe beyond a reasonable doubt that the accused was not suffering from a diseased or defective mental condition at the time he committed the criminal act charged, you may find him guilty. If you believe he was suffering from a diseased or defective mental condition when he committed the act, but believe beyond a reasonable doubt that the act was not the product of such mental abnormality, you may find him guilty. Unless you believe beyond a reasonable doubt either

that he was not suffering from a diseased or defective mental condition, or that the act was not the product of such abnormality, you must find the accused not guilty by reason of insanity. Thus your task would not be completed upon finding, if you did find, that the accused suffered from a mental disease or defect. He would still be responsible for his unlawful act if there was no causal connection between such mental abnormality and the act. These questions must be determined by you from the facts which you find to be fairly deducible from the testimony and evidence in this case.

This approach, new to the District but law in New Hampshire for 75 years, gives much more scope for the testimony of the psychologist and the psychiatrist. He can describe the patient's illness in medical terms. The question is simply was the disease present and was the criminal act a product of that disease. The witness will be permitted to tell of the accused's cognitive powers, his ability to control his impulses, the presence of delusions, psychological test scores, indeed, to testify about any symptom of mental disease. The test still requires us to recognize "disease" and distinguish that state from "health." The jury is still put to the task of relieving of responsibility those possessing a "diseased" mental condition and of holding accountable those who possess "mental health." Some will fear that the "product-of-disease" test takes us far toward a terminal position which would link all crime with an unusual personality characteristic -- a characteristic operating to excuse the person from punishment.

One more aspect of the "product-of-disease" test should be remarked. The court does not explain what degree of causal connection between defendant's mental abnormality and his act is necessary for acquittal, but presumably

this connection must be substantial. Lest we raise more questions than we can answer, let us refrain from asking a definition of "substantial."

It is not law in any state but some students of the criminal law have proposed the abandonment of the defense of insanity. The proposal would simply put to judge and jury the question, "Did the accused commit the harmful act." If the answer is "yes" the accused would be subjected to treatment appropriate to his condition. Harsh measures of punishment, a rehabilitation program and medical care would be prescribed in accordance with needs of the individual convicted. But perhaps this must wait another day, a time in which even the most benevolent "treatment" if forced upon a person will not seem the twin of "punishment." "I couldn't help it" is still not a plea for treatment but a cry for exculpation.

One final word about the procedural setting. The stated rules may be much more doubtful than the results actually reached under them. Insanity is a defense common only in serious cases which are ordinarily tried to a jury. Control of the jury in a criminal case is accomplished largely through giving of instructions by the judge. These instructions tell the jury of the test for insanity which the jury then applies to the evidence. If a jury reaches a verdict of not guilty, the case is closed. If a verdict of guilty is reached, the defendant may appeal and one of the possible grounds for appeal is that the verdict is contrary to the weight of evidence. In reaching their verdict undoubtedly jurymen consider matters other than the technical issues as those issues are presented in the instructions. Inevitably the jurors give a kind of common sense judgment about the mental state of the accused -- a judgment which, when guided by expert testimony, may be as sound as earthbound creatures can reach. Perhaps better for us than the wisdom of its judgments is the jury's responsibility for them. Are we not content that the final word in such a difficult

matter as punishing the allegedly insane is left to a group of twelve gathered for a single purpose, then dispersed. With the dispersal their collective responsibility is diffused and disappears. The great appeal of placing the blame on someone else for mistake in these important matters is illustrated by the statement of a prosecutor who had the problem of deciding whether to press charges against an accused possessing a history of hospitalization for mental disorder.

"So I take this attitude, in view of the fact that he has been over there (a mental hospital) a couple of times and these cases that were charged against him were dropped, I don't think I should take the responsibility of dropping these cases against him; then Saint Elizabeths would let him out on the street, and if that man committed a murder next week then it is my responsibility. So we decided to go to trial on one case, that is the case where we found him right in the house, and let him bring in the defense, if he wants to, of unsound mind at the time the crime was committed, and then Your Honor will find him on that, and in your decision send him back to Saint Elizabeths Hospital, and then if they let him out on the street it is their responsibility."

The Medico-Legal Problems

Psychiatrists and lawyers alike are unhappy with the M'Naghten rules. Henry Weihofen introduced his book, Insanity as a Defense in Criminal Law, 2,3 with the statement:

"Probably no branch of the criminal law has been the subject of so much criticism and controversy as the defense of insanity. It is charged that the rules of law governing insanity as a defense to crime are vague and confused; that in so far as these rules are clear, they are

clearly unsound, in that they are based upon notions of mental disorder discredited by modern science; and that the procedural machinery for trying cases where this defense is raised is inefficient and blundering in its results."

The M'Naghten rules are not a test of mental disorder. Almost everyone can pass the "right-wrong" test in a sense. The only exception would be grossly deteriorated and delusional psychotics or persons with severely defective intellect, but these seldom have a chance to commit crime. Probably all murderers know what they are doing and understand the consequences of their acts. Thus they are "legally sane" even though they may be suffering from a clear-cut mental disorder. The nature of mental disorder is such that the disturbed individual will know what he is doing but, being impelled by unconscious emotional forces, will not know why.

In commenting on this situation, the Forensic Committee of the Group for the Advancement of Psychiatry (GAP)⁴ reports:

"This consideration poses a difficult problem for the psychiatrist as witness under the present system wherein he must answer questions according to a tacitly understood convention. When the 'knowledge of right and wrong' or 'of the nature and quality of the act' question is put, the psychiatrist witness knows that if he answers 'yes' he is saying that the defendant is legally sane whereas, for example, he may know from his technical insight and careful examination that the defendant is mentally ill and has committed his offense out of unconscious need of punishment. This leaves the witness with his intellectual honesty at stake and with no escape. For suppose he answers 'no'-- the defendant did not know the difference between 'right and wrong.' Now he has given the 'legal' answer which conveys the psychiatric truth; the

defendant is mentally ill. Next comes the cross-examination and the psychiatrist finds that he cannot relate any vital information about the defendant without contradicting himself. Such an imposition is not expressly intended by the law in words; it is nevertheless inherent in the law in action....Only in cases of disturbed consciousness or of idiocy can the psychiatrist make honest replies to the M'Naghten test questions."

Just as the rules do not make it easy to properly evaluate and institute treatment for the mentally disturbed, they do not assist the law in safeguarding society. Regarding this point, the GAP Committee⁴ went on to say:

"Many dangerous persons are essentially undeterrable and it is the business of psychiatry to supply the law with such knowledge as is necessary to detect such persons among whom may be counted several classes of mentally disordered offenders. In the trial, the M'Naghten formula does not determine realistically who such persons are. Many undeterrable offenders are treated as if they are 'sane' and sent to prison to be released at the termination of sentence, free to repeat the cycle. As matters stand, as a device of criminal law administration, the Rules touch only a fraction of undeterrable mentally ill. In this there is no security for the law-abiding community."

In this connection it may be well to mention that, contrary to what some persons seem to think, psychiatrists do not view the majority of criminals let alone all of them, as being mentally ill.

Recent developments concerning the "product-of-disease" test has aroused a great deal of interest among

psychiatrists. If generally adopted, this test might allow a fuller and more fair application of modern psychiatry to the problems of criminal law. The advantages of the "product-of-disease" test over the "right-wrong" test may be illustrated by the following case:

We were asked to examine a young mother who had murdered her own two-month-old infant. The patient was able to describe clearly her behavior and her feelings before, during and after the tragedy. She related that she had always wanted three children and that this baby was planned. However, three months before its birth she began to have one of her nervous periods. After the birth she felt tired, "unreal" and began to think of the baby as a burden. One day she placed the infant face down in water and allowed it to drown. Except for this criminal act, no one had noted anything unusual or abnormal about the patient, and it was during our examination that she related the story of her nervous tension and her unreal feelings for the first time. She further related that she had had a number of similar "spells" lasting two to three months each and dating back to childhood. The most severe of these had occurred following the delivery of her second child several years earlier. On this occasion she did tell her family doctor that she was feeling "nervous" and "nerve pills" were prescribed. She improved in a few weeks.

We studied the patient intensively over a two-month period and arrived at the conclusion that she had shown no evidence of psychosis during our examination nor in the past. Using the traditional "right-wrong" test, the patient knew that she was killing her baby by placing it in the water. In our opinion at the time of the act, she knew that what she was doing was wrong. Thus we reported to the judge that in our opinion, by applying the "right-wrong" test, she was not insane at the time of the crime. On the other hand, it would have made us very uncomfortable if we would have had to restrict our opinion to the "right-wrong" test.

In order to give the court the full benefit of modern psychiatric thinking we reported in part as follows: "We find the patient to be suffering from a schizoid personality disorder. In other words though responsible under the application of the "right-wrong" test, she is not normal. Her criminal act was committed as a product of her psychiatric illness.

"As is typical of a schizoid personality, the patient has not been able to form close inter-personal relationships with others; she has been unable to express directly hostility or even ordinary aggressive feelings. This inability to form close emotional attachments largely cuts her off from those satisfying human relationships which give and maintain the stability of one's personality. This leaves her limited as to her adaptability and ill prepared to meet the experiences, stresses and responsibilities of social functioning....

"As was her pattern, she did attempt to relieve her tension by rigidly adhering to an unusually strict standard in housekeeping and other routine duties. Unfortunately, in any prolonged period of stress, this type of pattern becomes more and more difficult to maintain and thus the mounting tension may lead to a more overt behavioral disturbance.

"In this instance, the patient did not develop an overt psychosis nor did she resort to suicide or other self-punitive measures. She did not conceive of seeking help nor of letting her distress be known. She reacted by destroying her baby. This attempt at a solution of her problems was a symptom of her psychiatric illness."

Thus, using the "product-of-disease" test as an example we reported our full opinion to the court and managed to convey the point that, even though the patient was able to pass the "right-wrong" test, she was still mentally disordered. The judge referred the case to the Grand Jury,

a "No-bill" was returned; the patient was then committed to a mental hospital by the Probate Court.

Were it not for the approach possible in the "product-of-disease" test, any psychiatrist would be tempted to testify that this patient was psychotic and did not pass the "right-wrong" test. In so doing, such psychiatrist would probably be using the occurrence of the abnormal act as the chief evidence of mental disorder and allowing his concern over the disposition of the case to influence his testimony. This is a natural but unfortunate temptation.

Of course, most psychiatrists would agree that prime responsibility for the disposition of accused persons in the criminal process does not lie with them. But a psychiatrist will feel a responsibility if the punishment is visited upon a person because the truth about him cannot be told in full or because the law asks a question to which the physician cannot frame an honest answer. On the other hand, if the specialist can testify in full and in scientifically acceptable terms, he can perform his function without the temptation to distort the truth about one aspect of a patient's condition in order that the patient's difficulties in the entire may be taken into account.

No matter what legal test is adopted, many troubles face the psychiatrist in court and his testimony has received a great deal of criticism. For example, one group of 30 judges while disagreeing on many points, preponderantly expressed the belief that expert opinion can be bought and some even felt that the psychiatric point of view is actually only an effort to avoid punishment. While the professional quality of some "experts" may not be high and a few may be actually dishonest, such an attitude largely is a result of difficulties in communication between two systems of language and two sets of concepts such as we find in law and psychiatry.

The law over-simplifies a lot and operates by absolute categories. It has no "Halfway-House." It is not possible for the psychiatrist to divide people into clear-cut categories such as "sane" and "insane" or "mentally healthy" and "mentally diseased," just as it is not a simple matter to divide all people into groups such as the sick and the well or the good and the bad.

Human behavior and the motives behind it are very complex. All of us have aggressive and hostile drives which are normally held in check but which may become overt under appropriate stimulus. Furthermore, in any of us such hostile impulses may be so well submerged (unconscious) that the individual is not aware of their presence, let alone that they may boil over. Thus a person may lose control of himself, commit a criminal act as a result of a serious emotional upheaval and yet he may not be clearly psychotic. The GAP report⁴ summarizes these points:

"The unlawful act may be a surface manifestation of a more profound psychic disturbance, an indicator of breakdown in a system of psychic adaptive defenses erected to balance inner conflicts. In such cases, the act is not the conflict itself, but a token, overdetermined compromise lived out in an attempt to attain relief from tension. This is the pattern of pathological behavior with which the psychiatrist is particularly concerned. If the psychiatrist is to discover the basis of such unlawful behavior, to understand the offender, and serve a purpose in the trial, he must go beyond the act itself and evaluate the total personality both in its conscious and unconscious aspects. With such orientation and in such context he should be prepared as witness to convey his insight to

the Court and Jury. The law, however, does not allow the psychiatrist to communicate his unique understanding of psychic realities to the Court and Jury. More often, the mutual quest for the 'whole truth' cannot get past a barrier of communication which leaves the psychiatrist talking about 'mental illness' and the lawyer talking about 'right and wrong.'

A further extension of our knowledge of the forces of unconscious life invites a corresponding extension of its application in legal welfare to a number of persons whose antisocial behavior does not fit into the current medical description of the psychotic and who are likewise beyond the legal definition of insanity. With the increasing acceptance of psychological knowledge a larger part of society should be exempt from mere imprisonment, and at the same time removed by commitment from the opportunity for destructive behavior."

To this problem is added the adversary method of the courtroom and the so-called "battle of experts," both so unsatisfactory to the presentation of scientific findings. The sorry spectacle which occasionally occurs is confusing to the public and discrediting to the medical profession. While there is room for legitimate differences of opinion, the "battle of experts" is largely the result of the legal process. It is really a struggle between lawyers with the psychiatrists being used as weapons.⁵ Each side is out to win, and the defendant may be all but forgotten in the process. This adversary procedure is carried out in such a way that each side calls only witnesses favorable to its cause. The witnesses are further questioned in such a way as to bring out the differences between them rather than a search for objective truth. Guttmacher and Weihofen⁶ have nicely summed up the situation with these points: "It is

the partisan character of expert testimony that has been the greatest source of dissatisfaction and criticism." The expert is a hired helper to one of the parties and with each party allowed to present its own expert, it is to be expected that each will seek the most effective witness--not the best scientist. Furthermore, even an honest and able expert is susceptible to the impulse to shade his testimony to the advantage of the party paying his fee and lastly, "even where the experts hired by the respective parties reach essentially the same conclusion, by the time that testimony is presented in the form of answers to carefully-worded questions, the extent of their agreement may be wholly obscured."

Some of the above difficulties may be illustrated by briefly citing another case:

A youth in his late 'teens shot and killed his foster mother. While under our study he described in detail the stressful home situation, his increasing hatred for his foster mother, the details of the murder, and his subsequent flight to another part of the country. He was highly intelligent, socially sophisticated, personable and mature-appearing. In our opinion, he clearly passed the "right-wrong" test. When his case came to trial, he was defended on the grounds of insanity. He was found guilty of first degree murder and sentenced to life imprisonment. In this process seven experts--six physicians and one clinical psychologist-- testified in relation to his mental state: All were called as partisan witnesses and the proceedings were taken over mostly by arguments concerning the "right-wrong" test. This resulted in the appearance that four of the experts held that he knew the nature and consequences of his acts while the other three had exactly the opposite opinion!

In this partisan proceeding we had little chance to bring out subtle but

definite abnormalities which we found in this boy. In spite of his outward appearance of maturity and composure, he had shown signs of personal unrest for some time: He was a marked under-achiever in school and in work, he had numerous unfounded medical complaints, he was preoccupied with thoughts of suicide and with his family difficulties.

Had the experts been allowed to confer with each other and if the full psychiatric picture could have been brought out, as can be done at a medical staff meeting, differences of opinion would not have loomed so large and they certainly would not have attained the degree of polarity which is brought out by the court process.

This, then, is the twin task that psychiatrists would put upon lawyers and law makers: First, the legal issues should be defined in such a way as to permit the full presentation and consideration of all the relevant facts concerning an accused's mental disorder. Second, and certainly the more difficult, new ways of presenting this information ought to be found. Some form of communication to the courts should be capable of invention which would permit questions to be explored in a scientific manner and would permit differences of opinion to develop as intellectual disagreements between men of science rather than as battle field struggles between men of war.

REFERENCES

1. Durham v. United States
214 F 2d 862 (C.A.D.C., 1954).
2. Weihofen, H.
Insanity as a Defense in Criminal Law
New York: The Commonwealth Fund,
1933.
3. Weihofen, H.
Mental Disorder as a Criminal Defense
Buffalo: Dennis and Co., 1954.
(This is a second and extensively revised edition of the above work.)
4. Group for the Advancement of Psychiatry
"Criminal Responsibility and Psychiatric Expert Testimony."
Report No. 26. Topeka, Kansas:
1954.
5. Zilboorg, Gregory
The Psychology of the Criminal Act and Punishment
New York: Harcourt, Brace and Co.,
1954.
6. Guttmacher, M. S. and Weihofen, H.
Psychiatry and the Law
New York: W. W. Norton and Co.,
Inc., 1952.

II. MEDICAL SCHOOL NEWS

Coming Events

- Jan. 31 - Feb. 2 Continuation Course in Ophthalmology for Specialists
February 3 Special Lecture; "The Cell and Its Parts; Genetic Re-Combination Mechanism;" Dr. Joshua Lederberg, University of Wisconsin; 8:00 p.m.
- February 3 - 5 Continuation Course in Otolaryngology for Specialists
February 7 - 12 Continuation Course in Neurology for General Physicians and Specialists
- February 9 J. B. Johnston Lectureship; "Cerebral Circulation and Oxygen Consumption;" Dr. Seymour S. Kety, National Institute of Neurological Diseases and Blindness, National Institute of Health, U. S. Public Health Service, Bethesda, Maryland; Mayo Auditorium; 8:15 p.m.
- February 14 - 16 Continuation Course in Internal Medicine for Internists
February 17 Special Lecture; "The Effects of Disease on History;" Professor John Fulton, Yale University; Weyerhaeuser Room, Minnesota Historical Society Building, St. Paul; 2:00 p.m.
- February 17 - 19 Continuation Course in Cancer Detection for General Physicians

* * *

Continuation Course

The University of Minnesota announces a continuation course in Recent Advances in Internal Medicine for internists which will be presented at the Center for Continuation Study from February 14 to 16, 1955. This year's course will deal with various aspects of hematology, cardiology, endocrinology, and respiratory physiology. Guest speaker will be Dr. Mark D. Altschule, Associate Professor of Medicine, Harvard University Medical School, Boston, who will also present the Minnesota Pathological Society Lecture on February 15. The course will be presented under the direction of Dr. C. J. Watson, Professor and Head, Department of Medicine.

* * *

Publications of the Medical School Faculty

- Faingold, J. E., Hansen, C. O., and Rigler, L. G.: Cystitis Emphysematosa: Review of Literature and Report of Four Cases Diagnosed by Roentgen Examination. Radiol., 61: 346, 1953.
- Gellhorn, E.: Physiological Processes Related to Consciousness and Perception, Brain, 77: 401, 1954.
- Grace, M. L.: Role of Colloidal Oatmeal in Dermatologic Treatment of the Aged. A.M.A. Arch. Dermat. & Syphilol., 68: 402, 1953.
- Scherer, W. F. and Hoogasian, A. C.: Preservation at Subzero Temperatures of Mouse Fibroblasts (Strain L) and Human Epithelial Cells (Strain HeLa). Proc. Soc. Exp. Biol. & Med., 87: 480, 1954.
- Schwab, J. H. and Watson, D. W.: Host Factors in Experimental Group A Streptococcal Infections. The Role of Tissue Thromboplastin. J. Inf. Dis., 95: 267, 1954.

III.

UNIVERSITY OF MINNESOTA MEDICAL SCHOOL
WEEKLY CALENDAR OF EVENTS

Physicians Welcome

January 31 - February 5, 1955

Monday, January 31

Medical School and University Hospitals

- 9:00 - 9:50 Roentgenology-Medicine Conference; L. G. Rigler, C. J. Watson and Staff; Todd Amphitheater, U. H.
- 9:00 - 10:50 Obstetrics and Gynecology Conference; J. L. McKelvey and Staff; W-612, U. H.
- 10:00 - 12:00 Neurology Rounds; A. B. Baker and Staff; Station 50, U. H.
- 11:30 - 12:30 Physical Medicine and Rehabilitation Staff Seminar; Aphasia; Maryanna Bender; Heart Hospital Theater.
- 11:30 - Tumor Conference; Doctors Hitchcock, Zimmermann, and Stenstrom; Todd Amphitheater, U. H.
- 12:15 - Obstetrics and Gynecology Journal Club; Staff Dining Room, U. H.
- 12:30 - 1:30 Physiology Seminar; The Physiological Response of Animals to Massive Doses of Adrenalin; Hiram Essex; 214 Millard Hall.
- 1:00 - 2:00 Roentgenology-Surgical-Pathological Conference; Paul Lober and L. G. Rigler; Todd Amphitheater, U. H.
- 1:30 - 2:30 Pediatric-Neurological Rounds; R. Jensen, A. B. Baker and Staff; U. H.
- 1:30 - 3:30 Dermatology Hospital Rounds; H. E. Michelson and Staff; Dermatology-Histopathology Room, C-394 Mayo Memorial.
- 4:00 - 6:00 Anesthesiology Conference; F. H. Van Bergen and Staff; Todd Amphitheater, U. H.
- 4:30 - Public Health Seminar; General Concepts of Development of Areas; Robert P. Burden, Rockefeller Foundation; Room 100, Mayo Memorial.
- 4:30 - Pediatric-Medicine Infectious Disease Rounds; Station 33, U. H.
- 5:00 - 6:00 Urology-Roentgenology Conference; C. D. Creevy, O. J. Ragginstoss and Staff; Eustis Amphitheater.

Ancker Hospital

- 8:00 - 9:00 Pediatrics Contagion Rounds; Richard Lein; Contagion 5.
- 8:30 - 10:30 Medical and Surgical Chest Conference; Dr. Gehlen and Staff; Auditorium.
- 9:30 - 12:00 Visiting Staff Rounds.
- 10:00 - 12:00 Surgery Grand Ward Rounds; Begin Floor E4.
- 11:00 - 12:00 Pediatric Rounds; Harry Orme; Contagion 1.
- 12:30 - 2:30 Surgery Out-Patient Clinic; Room 8.
- 2:00 - 3:00 Routine EKG Interpretation; Dr. Sommers and House Staff; Medical Record Library.

Monday, January 31 (Cont.)

Ancker Hospital (Cont.)

- 2:30 - 3:00 Discussion of Problem Case; Auditorium.
- 3:00 - 4:00 Surgery Journal Club; Classroom.
- 3:00 - 4:00 Lectures on Electrocardiography; Ben Sommers; Auditorium.
- 4:00 - 5:00 Medical Clerk Journal Club; Auditorium.

Minneapolis General Hospital

- 10:30 - 12:00 Medicine Rounds; Thomas Lowry; Station 31.
- 11:00 - Pediatric Case Discussions; Erling Platou; Station 4.
- 11:00 - Orthopedic and Fracture Rounds; Drs. John Moe and Arthur Zierold; Station 20.
- 12:30 - Surgery Grand Rounds; Dr. Zierold, Station 21.
- 1:30 - 2:30 Tuberculosis Conference; J. A. Myers; Station 8.
- 2:00 - Pediatric Rounds; William Krivit; Stations 4, 5, & 6.

Veterans Administration Hospital

- 9:30 - Infectious Disease Rounds; Drs. Hall, Zinnemann, and J. Brown.
- 1:30 - Cardiac Conference; Drs. Smith, Berman, Hoeseth, Simonson, Tamlyn, and Farquhar; Conference Room, Bldg. I; Rounds immediately following conference.

Tuesday, February 1

Medical School and University Hospitals

- 9:00 - 9:50 Roentgenology-Pediatric Conference; Samuel Feinberg, Irvine McQuarrie and Staffs; Eustis Amphitheater, U. H.
- 12:30 - 1:20 Pathology Conference; Autopsies; J. R. Dawson and Staff; 104 Jackson Hall.
- 12:30 - Physiological Chemistry Seminar; Biological Applications of Tritium; Bernard Pollara; 214 Millard Hall.
- 12:30 - Bacteriology and Immunology Seminar; Introduction: Application of Modern Genetics to Bacteria Fungi. Mendelian Mechanism, e.g., Recombination and Genetic Control of Biochemical Processes; S. J. Deal; 1050 Mayo Memorial.
- 12:30 - Anatomy Seminar; Enzymatic Analysis of Developing Chick Brain; Joseph Davidson; 226 Jackson Hall.
- 3:30 - General Physiology Seminar; 323 Zoology Building.
- 3:30 - Pediatric Seminar; Sudden Death in Infants; Mildred Schaffhausen; 1450 Mayo Memorial.
- 4:00 - 5:00 Pediatric Rounds on Wards; Irvine McQuarrie and Staff; U. H.
- 4:00 - 5:00 Physiology-Surgery Conference; Todd Amphitheater; U. H.

Tuesday, February 1 (Cont.)

Medical School and University Hospitals (Cont.)

- 4:30 - 5:30 Clinical-Medical-Pathological Conference; Todd Amphitheater, U. H.
5:00 - 6:00 X-ray Conference; Presentation of Cases from Northwestern Hospital; Drs. C. O. Hansen, Baggenstoss, and Frank Anderson; Eustis Amphitheater, U. H.
*8:00 p.m. Special Lecture; "The Cell and Its Parts; Genetic Re-Combination Mechanism;" Dr. Joshua Lederberg, University of Wisconsin, Madison; Mayo Auditorium.

Ancker Hospital

- 8:00 - 9:00 Pediatric Rounds; Dale Cumming; Contagion 1.
9:00 - 10:30 Visiting Staff Rounds.
9:00 - 12:00 Practical Diagnostic Clinic; Harry Orme; Out-Patient Department.
11:00 - 12:00 Medical X-ray Conference; J. R. Aurelius; Auditorium.
2:30 - 4:00 Routine EKG Interpretations; Resident Staff.
4:00 - 5:00 Medical-Pathological Conference; W. F. Mazzitello, Auditorium.

Minneapolis General Hospital

- 9:30 - Pediatric Rounds; Elizabeth Lowry and A. Bridge; Station 5.
10:00 - Psychiatry Grand Rounds; R. W. Anderson, Station 3.
11:30 - 12:30 Neurology-Neurosurgery Conference; Classroom, Station 8.
12:30 - 2:30 Dermatology Rounds on Clinic; Carl W. Laymon and Staff.
12:30 - ECG Conference; Boyd Thomes and Staff; 302 Harrington Hall.
1:00 - Tumor Clinic; Drs. Eder, Coe, and Lipschultz; Classroom.
3:30 - Pediatric-Psychiatry Rounds; Jack Wallinga; Station 4.

Veterans Administration Hospital

- 7:30 - Anesthesiology Conference; Surgical Conference Room, Bldg. 43.
8:30 - Hematology Rounds; Drs. Hagen and Wexler.
8:30 - Surgery Journal Club; Conference Room, Bldg. I.
9:30 - Surgery-Pathology Conference; Conference Room, Bldg. I.
10:30 - Surgery-Tumor Conference; D. Ferguson and J. Jorgens.
1:00 - Review of Pathology, Pulmonary Tuberculosis; Conference Room, Bldg. I.
1:30 - Combined Medical-Surgical Chest Conference; Conference Room, Bldg. I.
2:00 - 2:50 Dermatology and Syphilology Conference; H. E. Michelson and Staff; Bldg. III.
4:00 - Thoracic Surgical Problems; Conference Room, Bldg. I.
5:00 - Fluid Balance Conference; Conference Room, Bldg. I.
5:30 - Physiology Seminar; Surgical Conference Room, Bldg. 43.

Wednesday, February 2

Medical School and University Hospitals

- 11:00 - 12:00 Pathology-Medicine-Surgery-Pediatrics Conference; Todd Amphitheater, U. H.
- 12:30 - 1:20 Radio-Isotope Seminar; Betatron Room in Cobalt Underground Section, U. H.
- 1:00 - 2:00 Dermatology Clinical Seminar; F. W. Lynch; 300 North Clinic.
- 1:30 - 3:00 Pediatric Allergy Clinic; Albert V. Stoesser and Lloyd Nelson; W-211, U. H.
- 3:30 - 4:30 Dermatology-Pharmacology Seminar; 3rd Floor Conference Room, Heart Hospital.
- 4:30 - 5:50 Dermatology-Infectious Disease Seminar; 3rd Floor, Conference Room, Heart Hospital.
- 5:00 - 6:00 Radiology Residents Lectures; Subject to be announced; Todd Amphitheater, U. H.
- 5:00 - 5:50 Urological-Pathological Conference; C. D. Creevy and Staff; A503, Mayo Memorial.
- 5:10 - 6:10 Endocrine Seminar; 271 Lyon Laboratories.
- 5:30 - 7:30 Dermatology Journal Club and Discussion Group; Hospital Dining Room.
- 7:30 - 9:30 Dermatology Seminar; Review of Interesting Slides of the Week; Robert W. Goltz; Todd Amphitheater, U. H.

Ancker Hospital

- 8:30 - 9:30 Clinico-Pathological Conference; J. Noble; Auditorium.
- 11:00 - 12:00 Pediatric and Contagion Rounds; Harry Orme; Contagion 1.
- 11:00 - 12:00 Medicine Resident Rounds; W. F. Mazzitello.
- 3:30 - 4:30 Pediatric Surgery Conference; Harry Orme and I. D. Baronofsky; Auditorium.

Minneapolis General Hospital

- 10:30 - 12:00 Medicine Rounds; Thomas Lowry and Staff; Station 11.
- 11:00 - Pediatric Rounds; Erling Platou and Richard Raile; Station 6.
- 12:00 - Surgery Seminar; Arthur Zierold; Classroom.
- 12:30 - Pediatrics Staff Meeting; Classroom, Station 4.

Veterans Administration Hospital

- 8:30 - 10:00 Orthopedic X-ray Conference; E. T. Evans and Staff; Surgical Conference Room, Bldg. 43.
- 8:30 - 12:00 Neurology Rehabilitation and Case Conference; A. B. Baker.
- 9:00 - Gastro-Intestinal Rounds; Drs. Wilson, Zieve, Ferguson, Brakel, Swenson, Nesbitt and Sadoff.

Wednesday, February 2 (Cont.)

Veterans Administration Hospital (Cont.)

- 10:30 - Psychosomatic Conference; C. K. Aldrich; 7th Floor, Bldg. 43.
12:30 - Medical Journal Club; Doctors' Dining Room.
12:30 - X-ray Conference; J. Jorgens; Conference Room, Bldg. I.
1:30 - 3:00 Metabolic Disease Conference; Drs. Flink and Williams.
3:30 - Urology Pathology Slide Conference; Dr. Gleason; Conference Room, Bldg. I.
7:00 - Lectures in Basic Science of Orthopedics; Conference Room, Bldg. I.

Thursday, February 3

Medical School and University Hospitals

- 9:00 - 11:50 Medicine Ward Rounds; C. J. Watson and Staff; Room 3.148 Mayo Memorial.
11:00 - 12:00 Cancer Clinic; K. Stenstrom, B. Zimmermann; Todd Amphitheater, U. H.
12:30 - 1:55 Physiology Seminar 210: Transport; Selected Topics in Permeability; Nathan Lifson; 214 Millard Hall.
1:30 - 4:00 Cardiology X-ray Conference; Heart Hospital Theatre.
4:00 - 5:00 Anesthesiology Seminar; F. H. Van Bergen and Staff; Room 100, Mayo Memorial.
5:00 - 6:00 Radiology Seminar; Radiation Therapy of Brain Tumors; Drs. Vermund and Olfelt; Eustis Amphitheater, U. H.
7:30 - 9:30 Physiology 211 Seminar; Selected Topics in Heart and Circulation: Hemodynamics; M. B. Visscher and Robert Evans; 271 Lyon Laboratories.

Ancker Hospital

- 8:00 - 9:00 Pediatric Clinical Staff Conference; Contagion Classroom.
9:00 - 10:00 Pediatric Contagion Rounds; Alexander Stewart; Contagion 5.
9:30 - 10:30 Medical Grand Rounds; Auditorium; Visiting Staff Rounds immediately following Grand Rounds.
11:00 - 12:00 Pediatric X-ray Conference.
11:00 - 12:00 Medicine Resident Rounds; W. F. Mazzitello.
2:00 - 3:00 Routine ECG Interpretation; Ben Sommers; Medical Record Library.
4:00 - 5:00 Medical-Surgical Conference; Conference Room, Bldg. I.

Minneapolis General Hospital

- 9:30 - Neurology Rounds; Heinz Bruhl; Station 4.
9:30 - Pediatric Contagion Rounds; R. B. Raile; Station 4.
10:00 - Psychiatry Grand Rounds; R. W. Anderson and Staff; Station 3.
11:30 - 12:30 Clinical Pathological Conference; John I. Coe; Classroom.
12:30 - 2:30 Dermatology Rounds and Clinic; Carl W. Laymon and Staff.
1:00 - Fracture X-ray Conference; Drs. Zierold and Moe; Classroom.
1:00 - House Staff Conference; Station 4.

Thursday, February 3 (Cont.)

Veterans Administration Hospital

- 8:00 - Experimental Surgery Laboratory Meeting; Conference Room, Bldg. I.
- 8:30 - Hematology Rounds; Drs. Hagen and Doe.
- 9:00 - Surgery Grand Rounds; Conference Room, Bldg. I.
- 9:00 - Surgery Ward Rounds; D. Ferguson and Staff; Ward 11.
- 11:00 - Surgery-Roentgen Conference; J. Jorgens; Conference Room, Bldg. I.
- 1:00 - Infectious Disease Conference; Conference Room, Bldg. I. (Rounds immediately following conference.)

Friday, February 4

Medical School and University Hospitals

- 8:00 - 10:00 Neurology Grand Rounds; A. B. Baker and Staff; Station 50, U. H.
- 9:00 - 9:50 Medicine Grand Rounds; C. J. Watson and Staff; Todd Amphitheater, U. H.
- 10:30 - 11:50 Medicine Rounds; C. J. Watson and Staff; Todd Amphitheater, U. H.
- 11:00 - 12:00 Vascular Rounds; Davitt Felder and Staff Members from the Departments of Medicine, Surgery, Physical Medicine, and Dermatology; Eustis Amphitheater, U. H.
- 11:45 - 12:50 University of Minnesota Hospitals Medical Staff Meeting; Systematic Fibrinoid Diseases; Similarity to Experimental Lesions in Rabbits; Joel G. Brunson and Richard Davis; Powell Hall Amphitheater.
- 1:00 - 2:50 Neurosurgery-Roentgenology Conference; W. T. Peyton, Harold O. Peterson and Staff; Todd Amphitheater, U. H.
- 1:00 - 2:00 Physiology Seminar 212; Selected Topics in Respiration: Respiratory and Circulatory Effects of Hypothermia; E. B. Brown; 214 Millard Hall.
- 1:30 - 2:30 Dermatology Grand Rounds; Presentation of Cases from Grouped Hospitals (University, Ancker, General and Veterans) and Private Offices; H. E. Michelson and Staff; Eustis Amphitheater, U. H.
- 2:30 - 4:00 Dermatology Hospital Rounds; H. E. Michelson and Staff; Begin at Dermatological Histopathology Room, C-394 Mayo Memorial.
- 3:00 - 4:00 Neuropathological Conference; F. Tichy; Todd Amphitheater, U. H.
- 3:30 - 4:30 Dermatology-Physiology Seminar; 3rd Floor Conference Room, Heart Hospital.
- 4:00 - 5:00 Physiology Seminar 213; Selected Topics in Advanced Neurophysiology: Role of the Vestibular Apparatus and the Cerebellum in the Extra-pyramidal Motor Activity; Werner Koella; 129 Millard Hall.
- 4:30 - 5:20 Ophthalmology Ward Rounds; Erling W. Hanson and Staff; E-534, U. H.
- 5:00 - Urological Seminar and X-ray Conference; A503, Mayo Memorial.

Ancker Hospital

- 8:00 - 9:00 Pediatric Rounds; Charles Steinberg; Contagion 1.
- 10:30 - 11:30 Pediatric Contagion Rounds; Richard Smith; Contagion 1.

Friday, February 4 (Cont.)

Ancker Hospital (Cont.)

- 11:00 - 12:00 Contagion Rounds; Harry Orme; Contagion 5.
- 2:00 - 3:00 Routine EKG Interpretation; Resident Staff.
- 3:00 - 4:00 Medical-Surgical-Pathological Conference; Auditorium.
- 4:00 - 5:00 Medical Journal Club; Conference Room, E5.
- 4:00 - 5:00 X-ray Surgery Conference; Auditorium.

Minneapolis General Hospital

- 10:00 - Otolaryngology Conference; Robert A. Priest; Large Classroom.
- 10:30 - Pediatric Surgical Conference; Tague Chisholm and B. Spencer; Classroom, Station 4.
- 12:00 - Surgery-Pathology Conference; Drs. Zierold and Coe; Classroom.
- 1:00 - 3:00 Clinical-Medical Conference; Thomas Lowry; Classroom, Station 8.

Veterans Administration Hospital

- 10:30 - 11:20 Medicine Grand Rounds; Conference Room, Bldg. I.
- 11:00 - 12:30 Psychiatry Case Conference; Werner Simon; Psychiatry Department, VA Hospital Annex.
- 12:30 - Urology X-ray Conference; X-ray Department.
- 1:00 - CPC Conference; Conference Room, Bldg. I.
- 2:00 - Pathology Slide Conference; E. T. Bell; Conference Room, Bldg. I.

Saturday, February 5

Medical School and University Hospitals

- 7:45 - 8:50 Orthopedic X-ray Conference; W. H. Cole and Staff; M-109, U. H.
- 9:00 - 9:30 Pediatric Grand Rounds; Eustis Amphitheater, U. H.
- 9:00 - 11:50 Medicine Ward Rounds; C. J. Watson and Staff; Heart Hospital Amphitheater.
- 9:15 - 10:00 Surgery-Roentgenology Conference; Alexander R. Margulis, Owen H. Wangenstein and Staff; Todd Amphitheater, U. H.
- 10:00 - 11:30 Surgery Conference; Todd Amphitheater, U. H.
- 10:00 - 12:50 Obstetrics and Gynecology Rounds; J. L. McKelvey and Staff; Station 44, U. H.
- 10:00 - 12:00 Otolaryngology Seminar on Current Literature; L. R. Boies and Staff; Todd Memorial Room, A-675, Mayo Memorial.

Ancker Hospital

- 8:30 - 9:30 Surgery Conference; Auditorium.
- 9:30 - 11:00 Medicine Grand Ward Rounds; W. F. Mazzitello.
- 11:00 - 12:00 Medical Clerk Case Conference; W. F. Mazzitello.

Saturday, February 5 (Cont.)

Minneapolis General Hospital

- 8:00 - Urology Staff Conference; T. H. Sweetser; Main Classroom.
- 9:00 - Psychiatry Grand Rounds; R. W. Anderson; Station 3.
- 9:30 - Pediatric Rounds on all Stations; R. B. Raile.
- 11:00 - 12:00 Medical X-ray Conference; O. Lipschultz, Thomas Lowry and Staff; Main Classroom.

Veterans Administration Hospital

- 8:00 - Proctology Rounds; W. C. Bernstein and Staff; Bldg. III.
- 8:30 - Medical X-ray Conference; Conference Room, Bldg. I.

* Indicates special meeting. All other meetings occur regularly each week at the same time on the same day. Meeting place may vary from week to week for some conferences.

MINNESOTA MEDICAL FOUNDATION

Patron Members for Distinguished Service

Donald J. Cowling, M.D., 1985 Queens Avenue South, Minneapolis
Mr. Gerald T. Mullin, 410 Roanoke Building, Minneapolis

Patron Members

Bertram S. Adams, M.D., 812 Third Avenue, Hibbing
Donald C. Balfour, Sr., M.D., Mayo Foundation, Rochester
Mr. John C. Benson, 1964 Kenwood Parkway, Minneapolis 5
Mrs. Frank W. Bowman, 1769 Dupont Avenue South, Minneapolis 5
Mr. Otto Bromer, 15 Montcalm Court, St. Paul
Mrs. Paul Brooks, Wayzata
Mrs. Austen S. Cargill, 200 Grain Exchange, Minneapolis 2
Mr. Austen S. Cargill, 200 Grain Exchange, Minneapolis 2
Mr. Homer P. Clark, 534 Summit Avenue, St. Paul
Mrs. Teresa Cohen, Dental Survey Publications, 508 Essex Building, Minneapolis 3
Mrs. Norman A. Cook, (Address unknown)
C. D. Creevy, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Mr. W. S. Davidson, Williston, North Dakota
Mr. Bruce Dayton, Secretary-Treasurer, Grandica Foundation, 700 Nicollet Avenue,
Minneapolis
Mrs. Grace B. Dayton, 1720 West Franklin Avenue, Minneapolis
Paul Dwan, M.D., Variety Club Heart Hospital, University of Minnesota, Minnea-
polis 14
Lyle A. French, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Mr. Sander Genis, 218 Newton Building, St. Paul
Mr. Edward Haglin, Long Lake
R. F. Hedlin, M.D., 725 West Sixth Street, Red Wing
Miss Anne E. Hellesen, 4700 Bryant Avenue South, Minneapolis 9
Mr. John M. Hollern, 311 East Fourteenth Street, Minneapolis
Mr. Carl W. Jones, 806 New York Life Building, Minneapolis 2
Mr. William J. Kay, 106 Ashley Road, Hopkins
Mr. George B. Leonard, Andrus Building, Minneapolis 2
N. Logan Leven, M.D., 1463 Lowry Medical Arts Building, St. Paul 2
Mr. Richard C. Lilly, Delaware Avenue and Mendota Road, St. Paul
Mrs. Edith Linoff, 4816 West Lake Harriet Boulevard, Minneapolis
Mr. W. C. MacFarlane, Minneapolis-Moline Company, Minneapolis 1
Leo J. Madsen, M.D., 2200 Santa Monica Boulevard, Santa Monica, California
Mr. Samuel H. Maslon, Builders Exchange Building, Minneapolis 2
Mr. K. W. McKee, 2239 Ford Road, St. Paul 1
Mr. William L. McKnight, 1855 Summit Avenue, St. Paul
Mr. Louis Melamed, 1750 Portland Avenue, St. Paul 5
Mrs. Helen T. Morrison, Route 3, Box 89, Wayzata
Mr. John Nelson, Lake Park
Miss Alice M. O'Brien, W-1262 First National Bank Building, St. Paul 1
Mr. I. A. O'Shaughnessy, 1705 Summit Avenue, St. Paul
Mr. David Paper, County Road B & Walnut Street, St. Paul 8
Mr. Joseph Paper, County Road B & Walnut Street, St. Paul 8
Miss Mary Paper, County Road B & Walnut Street, St. Paul 8
Mr. Jay Phillips, 4833 East Lake Harriet Boulevard, Minneapolis

Patron Members

Mr. Lewis E. Phillips, National Pressure Cooker Company, Eau Claire, Wisconsin
Mrs. D. B. Rosenblatt, D. B. Rosenblatt, Inc., Tenth Street and Currie Avenue,
Minneapolis 3
Mr. D. B. Rosenblatt, D. B. Rosenblatt, Inc., Tenth Street and Currie Avenue,
Minneapolis 3
Mr. Herman Rosenblatt, D. B. Rosenblatt, Inc., Tenth Street and Currie Avenue,
Minneapolis 3
Mr. Justin L. Rosenblatt, D. B. Rosenblatt, Inc., Tenth Street and Currie Avenue,
Minneapolis 3
Mr. Woodruff Rosenblatt, D. B. Rosenblatt, Inc., Tenth Street and Currie Avenue,
Minneapolis 3
Mr. Victor F. Rotering, First National Bank, Minneapolis
Mrs. Maurice L. Rothschild, Drake Hotel, Chicago, Illinois
The Salkin Foundation, 7400 Excelsior Boulevard, Minneapolis
Mr. Paul A. Schilling, 2250 Wabash Avenue, St. Paul
Mrs. Leland Schubert, 211 Dixie, Harrisonburg, Virginia
Mr. August L. Scarle, 1917 Logan Avenue South, Minneapolis
Mr. Elmer H. Smith, 2633 Southeast Fourth, Minneapolis
Mr. Lucian C. Sprague, 111 East Franklin Avenue, Minneapolis
St. Croixdale Sanitarium, Prescott, Wisconsin
Mrs. George P. Tweed, 2531 East Seventh Street, Duluth
Mr. Charles J. Upin, St. Paul Clothing House, Albert Lea
R. L. Varco, M.D., 454 Heart Hospital, University of Minnesota, Minneapolis 14
Mrs. Archie Walker, 1950 Knox Avenue South, Minneapolis
Mr. Archie Walker, 807 Hennepin Avenue, Minneapolis
Owen H. Wangensteen, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Mrs. Charles A. Ward, 1286 University Avenue, St. Paul
Mr. Charles A. Ward, 404 North Mississippi River Boulevard, St. Paul
Mrs. Ida B. Williams, 1314 Mount Curve Avenue, Minneapolis
Mr. H. K. Wrench, 739 Marquette Avenue, Minneapolis
Mr. E. W. Wylic, 214 South Beverly Glen Boulevard, Los Angeles 24, California

Life Members

- D. H. Affleck, M.D., 231 Fourth Avenue North, Twin Falls, Idaho
H. J. Aldrich, M.D., 134 South Main Street, Sheridan, Wyoming
Mr. Ray M. Amberg, Director, University of Minnesota Hospitals, Minneapolis 14
Edward D. Anderson, M.D., 301 Kenwood Parkway, Minneapolis 5
Gaylord W. Anderson, M.D., 1325 Mayo Memorial, University of Minnesota, Minneapolis 14
Karl W. Anderson, M.D., 430 Oak Grove, Minneapolis
Leonard S. Arling, M.D., 2310 East 43rd Street, Minneapolis 6
Wallace D. Armstrong, M.D., 227-B Millard Hall, University of Minnesota, Minneapolis 14
J. Richards Aurelius, M.D., 1355 Lowry Medical Arts Building, St. Paul
Elizabeth C. Bagley, M.D., 916 Medical Arts Building, Duluth
A. B. Baker, M.D., B-527 Mayo Memorial, University of Minnesota, Minneapolis 14
E. J. Baldes, M.D., 427 Fifth Avenue Southwest, Rochester
Fred F. Ball, M.D., 122 South Michigan Avenue, Chicago, Illinois
S. Steven Barron, M.D., 737 East 22nd Street, Minneapolis 4
Moses Barron, M.D., 1127 Medical Arts Building, Minneapolis 2
K. F. Bascom, M.D., 426 Houston Street, Manhattan, Kansas
Mr. Henry M. Baskerville, 227 Colfax Avenue North, Minneapolis
E. T. Bell, M.D., 526 Seventh Street Southeast, Minneapolis 14
W. G. Benjamin, M.D., Pipestone
G. L. Berdez, M.D., St. Mary's Hospital, Duluth
H. M. Berg, M.D., 214 Avenue A West, Bismarck, North Dakota
Mr. Lawrence Berglund, 5513 Park Place, Minneapolis
Mr. Stanley Berglund, 608 Nicollet Avenue, Minneapolis 2
D. M. Berkman, M.D., Box 54, Cronoco
Reuben Berman, M.D., 1002 Medical Arts Building, Minneapolis 2
Anthony J. Bianco, M.D., 610 Medical Arts Building, Duluth
Raymond N. Bieter, M.D., 132 Millard Hall, University of Minnesota, Minneapolis 14
H. N. Blegen, M.D., Box 1307, Missoula, Montana
J. S. Blumenthal, M.D., 585 - 40th Avenue Northeast, Minneapolis 21
D. G. Bohn, M.D., 311 Medical Arts Building, Minneapolis
L. R. Boies, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
R. J. Boisel, M.D., 318-321 Hynds Building, Cheyenne, Wyoming
George J. Boody, Jr., M.D., State Hospital, Sandstone
Mr. G. H. Boone, Britton, South Dakota
Marguerite Booth, M.D., 713 Delaware Street Southeast, Minneapolis 14
Joseph F. Borg, M.D., 918 Lowry Building, St. Paul 2
Paul G. Boman, M.D., 205 West 2nd Street, Duluth
L. R. Bouma, M.D., 1463 Goodrich Avenue, St. Paul 5
Edward A. Boyden, M.D., 8106 Fourth Avenue Northeast, Seattle, Washington
Ruth E. Boynton, M.D., Students' Health Service, University of Minnesota, Minneapolis 14
William F. Breasch, M.D., Mayo Clinic, Rochester
R. B. Bray, M.D., 1124 Hyland Drive, Rapid City, South Dakota
John F. Briggs, M.D., 193 Maria Avenue, St. Paul 6
R. J. Brimi, M.D., 304 Medical Arts Building, Knoxville, Tennessee
Alex E. Brown, M.D., Mayo Clinic, Rochester
W. D. Brown, M.D., 1106½ Hennepin Avenue, Minneapolis 3

Life Members

Harold F. Buchstein, M.D., 1837 Medical Arts Building, Minneapolis
Col. Carroll D. Buck, 1057 Race Street, Denver, Colorado
Martin S. Buehler, M.D., 3225 Turtle Creek Boulevard, Dallas, Texas
Raymond E. Buirge, M.D., 519 Physicians and Surgeons Building, Minneapolis
Mrs. Mary Saunders Bulkley, 1829 Knox Avenue South, Minneapolis
Frank E. Burch, M.D., 852 Lowry Medical Arts Building, St. Paul 2
Clive Butler, M.D., London Hospital, London, England
Angus Cameron, M.D., Minot Clinic, 20 Fourth Street Southwest, Minot, North Dakota
Orwood J. Campbell, M.D., 407 Doctors Building, Minneapolis 2
Albert Canfield, M.D., 28 Tilton Terrace, Madison 4, Wisconsin
James E. Carey, M.D., 1009 Nicollet Avenue, Minneapolis 2
Charles F. Cervenka, M.D., New Prague
Jack I. Chalek, M.D., 212 South Rexford Drive, Beverly Hills, California
B. J. Clawson, M.D., 101 Jackson Hall, University of Minnesota, Minneapolis 14
Walter C. Coddon, M.D., 945 St. Paul Avenue, St. Paul 5
Wallace H. Cole, M.D., 1360 Lowry Medical Arts Building, St. Paul 2
Mr. Ogden A. Confer, 2717 Ewing Avenue South, Minneapolis
Mr. Theodore L. Cook, 569 Cleveland Avenue South, St. Paul
Lillian Cottrell, M.D., 1020 Union Street, San Francisco, California
Mrs. Dorothy L. Cowan, 1975 South Beverly Glen, Los Angeles 25, California
Mr. E. E. Crabb, President, Investors Diversified Services Inc., Roanoke Building,
Minneapolis 2
Robert W. Cranston, M.D., 1137 Xerxes Avenue South, Minneapolis 5
Sam A. Crantham, M.D., 420 Byers, Joplin, Missouri
Dwight E. Curry, M.D., 2600 Procter Street, Port Arthur, Texas
Rollin E. Cutts, M.D., 7834 Southwest Broadmoor Terrace, Portland, Oregon
Mr. W. S. Davidson, Williston, North Dakota
Jay C. Davis, M.D., 4701 White Oak Road, Minneapolis 10
R. D. Davis, M.D., 903 North State Street, Waseca
J. R. Dawson, M.D., 110 Jackson Hall, University of Minnesota, Minneapolis 14
Clarence Dennis, M.D., State University of New York, Department of Surgery,
451 Clarkson Avenue, Brooklyn 3, New York
Randall S. Derifield, M.D., Veterans Administration Hospital, 1500 Weiss Street,
Saginaw, Michigan
Thomas H. Dickson, M.D., 894 St. Clair Avenue, St. Paul 5
Dean H. S. Diehl, 1360 Mayo Memorial, University of Minnesota, Minneapolis 14
G. A. Dinham, M.D., 1100 Medical Arts Building, Duluth
A. Louis Dippel, M.D., 309 Herrmann Professional Building, Houston 5, Texas
Mr. Tom Donlin, c/o Donlin Lumber Company, St. Cloud
Wendell L. Downing, M.D., 31½ Central Avenue Southwest, LeMars, Iowa
Larry O. Doyle, M.D., 803 Washington Avenue Southeast, Minneapolis 14
Charles H. Drenckhahn, M.D., 602 West University Avenue, Urbana, Illinois
Della G. Drips, M.D., Mayo Clinic, Rochester
Harold J. Dvorak, M.D., 4718 West Lisbon Avenue, Suite 203, Milwaukee 8, Wisconsin
James E. Dyson, M.D., 3200 University Avenue, Des Moines 11, Iowa
George Earl, M.D., 1559 Summit Avenue, St. Paul
Robert Earl, M.D., 350 St. Peter Street, St. Paul
T. S. Eberley, M.D., Benson
Phillip F. Eckman, M.D., 324 West Superior Street, Duluth

Life Members

Mr. William Edson, 301 Northwest Federal Building, Minneapolis 3
C. J. Ehrenberg, M.D., 100 East Franklin Avenue, Minneapolis 4
F. J. Elias, M.D., Morgan Park, Duluth
Edward C. Emerson, M. D., Mounds Boulevard and East Seventh Street, St. Paul 6
Mr. Odean Enostvedt, Sacred Heart
L. G. Ericksen, M.D., 615 Sherland Building, South Bend, Indiana
E. W. Erickson, M.D., The Lynn Clinic, 2900 South Fort Street, Detroit, Michigan
Eskil Erickson, M.D., Halstad
G. B. Eusterman, M.D., 925 Sixth Street Southwest, Rochester
Frederick B. Exner, M.D., 316 Medical and Dental Building, Seattle, Washington
Walter A. Fansler, M.D., 1829 Medical Arts Building, Minneapolis 2
Louis E. Fazen, M.D., Jr., 725 Main Street, Racine, Wisconsin
Mr. Milton P. Firestone, Firestone & Firestone, 285-288 Endicott on Robert,
St. Paul
Harold F. Flanagan, M.D., 868 Lowry Medical Arts Building, St. Paul 2
M. G. Flath, M.D., Stanley, North Dakota
B. A. Flesche, M.D., Lake City
William J. Focke, M.D., Poynette, Wisconsin
E. J. Fogelberg, M.D., 45 North Snelling, St. Paul
L. H. Fowler, M.D., 1005 Medical Arts Building, Minneapolis 2
Ward S. Fowler, M.D., Mayo Clinic, Rochester
Mrs. Alice B. Fraser, 2401 Pleasant Avenue, Minneapolis
Louis L. Freidman, M.D., 317 Lowry Medical Arts Building, St. Paul
George Friedell, M.D., 2945 Dakota Avenue, St. Louis Park
Albert Fritsche, M.D., 101 $\frac{1}{2}$ North Minnesota Street, New Ulm
T. R. Fritsche, M.D., New Ulm
B. J. Gallagher, M.D., 1st National Bank Building, Waseca
J. H. Gammell, M.D., 1241 Medical Arts Building, Minneapolis 2
Walter P. Gardner, M.D., 2240 Sargent Avenue, St. Paul
Everett K. Geer, M.D., 1253 Lowry Medical Arts Building, St. Paul 2
Maude M. Gerdes, M.D., Hart-Albin Building, Billings, Montana
Ellis K. Giere, M.D., 420 East Main Street, Auburn, Washington
Silas W. Giere, M.D., 117 South 14th Street, Benson.
Allan F. Gieson, M.D., Starbuck
Conrad Gieson, M.D., 1514 Ogden Avenue, Superior, Wisconsin
Miss Gertrude Gilman, Assistant Director, University of Minnesota Hospitals,
Minneapolis 14
W. H. Gilsdorf, M.D., 413 Sixth Street, Valley City, North Dakota
William P. Gjerde, M.D., Lake City
Robert A. Glabe, M.D., Plainview
Otto N. Glesne, M.D., 1003 Central Avenue, Fort Dodge, Iowa
H. W. Gochrs, M.D., 606 Granite Exchange, St. Cloud
Neill P. Goltz, M.D., 444 Lowry Medical Arts Building, St. Paul 2
L. R. Gowan, M.D., 312 Medical Arts Building, Duluth 2
Frank R. Gratzek, M.D., 1631 Medical Arts Building, Minneapolis
Paul H. Guttman, M.D., 1528 - 39th Street, Sacramento, California
P. L. Halenbeck, M.D., 205 Granite Exchange Building, St. Cloud
E. M. Hammes, Sr., M.D., 1124 Lowry Medical Arts Building, St. Paul 2
Arild E. Hansen, M.D., University of Texas Medical School, Galveston, Texas

Life Members

Erling W. Hansen, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Olga S. Hansen, M.D., 1009 Nicollet Avenue, Minneapolis 2
Mr. Emil Hanson, Lake Lillian Silo Company, Lake Lillian
Malcolm B. Hanson, M.D., 1953 Medical Arts Building, Minneapolis
William A. Hanson, M.D., 1005 Medical Arts Building, Minneapolis
E. C. Hartley, M.D., 760 Fairmont Avenue, St. Paul
H. J. Harwick, M.D., Mayo Clinic, Rochester
D. R. Hastings, M.D., 5500 Brookview Avenue, Edina
George M. B. Hawley, II, M.D., Medical Block Clinic, Red Wing
James M. Hayes, M.D., 1125 Medical Arts Building, Minneapolis 2
Robert Hebbel, M.D., 5846 Park Avenue, Minneapolis
Frank J. Heck, M.D., Mayo Clinic, Rochester
G. A. Hedberg, M.D., Nopeming
Mr. F. T. Hoffelfinger, 760 Grain Exchange, Minneapolis
E. A. Heiberg, M.D., 224 Washington West, Fergus Falls
O. M. Heiberg, M.D., 508 Tenth Street, Worthington
Paul Heise, M.D., 256 East Sarnia Street, Winona
Melvin S. Henderson, M.D., Mayo Clinic, Rochester
Earl C. Henrikson, M.D., 407 Doctors Building, Minneapolis
P. E. Hermanson, M.D., Hendricks
S. F. Herrmann, M.D., 707 Medical Arts Building, Tacoma, Washington
Ambrose J. Hertzog, M.D., Tuoro Infirmary, New Orleans, Louisiana
Mr. Malvin E. Herz, 503 Essex Building, Minneapolis
Anderson C. Hilding, M.D., St. Luke's Hospital, Duluth
James M. Hilton, M.D., Medical-Dental Building, Klamath Falls, Oregon
F. J. Hirschboeck, M.D., Duluth Clinic, Duluth
Wallace W. Holley, M.D., 322 East Hillcrest, Inglewood, California
E. R. Hudec, M.D., Echo
Arthur B. Hunt, M.D., Mayo Clinic, Rochester
Clarence Jacobson, M.D., Chisholm
Reynold A. Jensen, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
R. E. Jernstrom, M.D., P. O. Box 469, Rapid City, South Dakota
Mr. Algot F. Johnson, Al Johnson Construction Company, 608 Foshay Tower,
Minneapolis 2
Carl M. Johnson, M.D., Dawson
Einer W. Johnson, M.D., Johnson Building, Bemidji
Harry A. Johnson, M.D., 632 LaSalle Building, Minneapolis 2
James A. Johnson, M.D., 1009 Nicollet Avenue, Minneapolis 2
Mr. Kenneth R. Johnson, Minneapolis Foundation, 115 South Fifth Street, Minne-
apolis
Reuben A. Johnson, M.D., 751 Medical Arts Building, Minneapolis 2
Richard S. Johnson, M.D., 7045 Morgan Avenue South, Minneapolis 23
William E. Johnson, M.D., Morgan
E. M. Jones, M.D., 627 South Fairview, St. Paul 5
H. M. Juergens, M.D., Belle Plain
Gordon R. Kamman, M.D., 1044 Lowry Medical Arts Building, St. Paul 2
Ben Karpman, M.D., St. Elizabeth's Hospital, Washington, D. C.
Edward J. Kaufman, M.D., Appleton
G. M. Kelby, M.D., 906 Medical Arts Building, Minneapolis

Life Members

Roger L. J. Kennedy, M.D., Mayo Clinic, Rochester
Arthur C. Kerkhof, M.D., 4224 Glencrest Road, Minneapolis
E. H. Kersten, M.D., 200 North Palm, Anaheim, California
Ancel B. Keys, M.D., Stadium, Gate 27, University of Minnesota, Minneapolis 14
Thomas J. Kinsella, M.D., 1251 Medical Arts Building, Minneapolis 2
Mr. Horace D. Klein, 55 East Tenth Street, St. Paul 2
Miland E. Knapp, M.D., 920 South Seventh Street, Minneapolis 4
Ralph T. Knight, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Herman K. Koschnitzke, M.D., 75 East Great Lakes, River Rouge, Michigan
F. J. Kucera, M.D., Hopkins
William J. Kucera, M.D., 333 East Hennepin Avenue, Minneapolis 14
Gilbert Kvitrud, M.D., 1700 University Avenue, St. Paul
Arthur T. Laird, M.D., 231 East Victoria Street, Duluth 3
Leonard A. Lang, M.D., 431 Medical Arts Building, Minneapolis 2
Eva Jane Larson, M.D., 5137 North Alameda, St. Paul 8
Evrel A. Larson, M.D., 205 Medical Dental Center, Bellingham, Washington
G. A. Larson, M.D., 608 Black Building, Fargo, North Dakota
Leonard W. Larson, M.D., 221 Fifth Street, Bismarck, North Dakota
Lester W. Larson, M.D., 214 Washington Street, Decorah, Iowa
Paul N. Larson, M.D., 731 Medical Arts Building, Minneapolis
Paul C. Leck, M.D., 605 North Main Street, Austin
H. R. Leland, M.D., 1111 Nicollet Avenue, Minneapolis
Samuel Leonard, M.D., 1020 Plymouth Avenue North, Minneapolis
John A. Lopak, M.D., 760 Lowry Medical Arts Building, St. Paul
Nauftoli M. Levine, M.D., Utica State Hospital, Utica, New York
George X. Lovitt, M.D., 536 Lowry Medical Arts Building, St. Paul 2
Mr. Harold Lieberman, 4855 East Lake Harriet Boulevard, Minneapolis
Russell C. Lindgren, M.D., 319 Doctors Building, Minneapolis
H. S. Lippman, M.D., 670 Marshall Avenue, St. Paul 4
S. N. Litman, M.D., 404 North Central Avenue, Duluth
W. H. Long, M.D., 1438 Eighth Street South, Fargo, North Dakota
Lambert M. Lundmark, M.D., Ladysmith, Wisconsin
Francis W. Lynch, M.D., 1466 Lowry Medical Arts Building, St. Paul 2
Myron Lysne, M.D., 700 West Broadway, Minneapolis 11
W. E. Macklin, Jr., M.D., R. R. #1, Willmar
F. H. Magney, M.D., 620 Medical Arts Building, Duluth
J. A. Malerich, M.D., 637 Stryker, St. Paul
Frank D. Mann, M.D., 102 Second Avenue Southwest, Rochester
M. H. Manson, M.D., Room 308, American Telephone & Telegraph Company, 195 Broadway,
New York City, New York
Walter J. Marcloy, M.D., Minnesota Department of Health, University of Minnesota,
Minneapolis 14
James C. Masson, M.D., Mayo Clinic, Rochester
S. R. Maxciner, M.D., 5122 Garfield Avenue South, Minneapolis
Eugene J. McCann, M.D., 526 LaSalle Building, Minneapolis
Malcolm A. McCannel, M.D., 325 Doctors Building, Minneapolis 2
Donald McCarthy, M.D., Medical Service, Veterans Administration Branch Office No. 8,
Fort Snelling, St. Paul 11
J. S. McCartney, M.D., 121 Jackson Hall, University of Minnesota, Minneapolis 14
John L. McKolvey, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14

Life Members

C. A. McKinlay, M.D., 1141 Medical Arts Building, Minneapolis 2
Irvine McQuarrie, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
R. F. Mcars, M.D., 1st National Bank Building, Northfield
G. L. Morkert, M.D., 734 East Lake Street, Minneapolis 7
Henry H. Michel, M.D., 5004 $\frac{1}{2}$ Xerxes Avenue South, Minneapolis 12
H. E. Micholson, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Senator Archie Miller, 4144 Shady Oak Road, Hopkins
Harold E. Miller, M.D., 4622 Edgebrook Place, Minneapolis 10
J. C. Miller, M.D., 718 Medical Arts Building, Minneapolis 2
J. L. Mills, M.D., Winnebago
Mrs. Albert G. Minda, 3200 Humboldt Avenue South, Minneapolis
H. H. Minthorn, M.D., 1408 - 16th Avenue, Longview, Washington
Mancel T. Mitchell, M.D., 90 South 9th Street, Minneapolis
John H. Moe, M.D., 1149 Medical Arts Building, Minneapolis 2
Russell J. Moe, M.D., Duluth Clinic, Duluth
F. P. Moersch, M.D., Mayo Clinic, Rochester
Herman J. Moersch, M.D., Mayo Clinic, Rochester
H. A. Molander, M.D., 991 Payne Avenue, St. Paul 1
Harold W. Morgan, M.D., 12 Forcsters Building, Mason City, Iowa
Byron Mork, Jr., M.D., 1000 Moraga Drive, Los Angeles 49, California
Frank E. Mork, M.D., Anoka
Russell W. Morse, M.D., 604 Medical Arts Building, Minneapolis 2
Selma C. Mueller, M.D., Route 1, Box 64, Carriere, Mississippi
C. B. Murphy, M.D., Box 145, Alton, Iowa
R. D. Mussey, M.D., Mayo Clinic, Rochester
J. A. Myers, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Mr. John H. Myers, 2250 Wabash Avenue, St. Paul
Harold D. Nagel, M.D., Waconia
J. Marshall Neely, M.D., 924 Sharp Building, Lincoln, Nebraska
Arthur A. Nelson, M.D., 1714 Corwin Drive, Silver Springs, Maryland
Bernette G. Nelson, M.D., 7137 First Avenue South, Minneapolis 17
Bernice A. Nelson, M.D., 7137 First Avenue South, Minneapolis 17
Clayton E. J. Nelson, M.D., Albert Lea
Mr. Frank A. Nelson, 5420 Clinton Avenue, Minneapolis 19
O. L. N. Nelson, M.D., 601 Medical Arts Building, Minneapolis 2
Wallace I. Nelson, M.D., 5625 Tenth Avenue South, Minneapolis 17
Mr. Nathan Nemetz, Nemetz, Gervin & Company, 678 Howe Street, Vancouver 1, B. C.
Samuel Nosbitt, M.D., 4301 Lake Harriet Boulevard, Minneapolis 9
Mr. Karl G. Ncumcier, 406 West Olive Street, Stillwater
Harley D. Newby, M.D., P. O. Box 386, Rapid City, South Dakota
E. W. Newman, M.D., 301 East 21st Street, Cheyenne, Wyoming
John F. Noble, M.D., Ancker Hospital, St. Paul 1
G. T. Nordin, M.D., 914 South Eighth Street, Minneapolis 2
Martin Nordland, M.D., 1737 Medical Arts Building, Minneapolis 2
E. E. Novak, M.D., New Prague
Roland E. Nutting, M.D., Duluth Clinic, Duluth
Malvin J. Nydahl, M.D., 400 LaSalle Building, Minneapolis
I. L. Oliver, M.D., Graceville
E. A. Olson, M.D., Pine Island

Life Members

Kenneth L. Olson, 1228 East Woodside, South Bend, Indiana
C. L. Oppegaard, M.D., 220 South Broadway, Crookston
Mr. Telford V. Oraas, Route No. 2, Clarkfield
Carlton L. Ould, M.D., 845 Fern, Fresno, California
David M. Parker, M.D., Parstow, California
Owen W. Parker, M.D., 6415 South Harriet, Minneapolis
M. H. Pearson, M.D., 994 Goodrich Avenue, St. Paul
Olonzo P. Peeke, M.D., Volga, South Dakota
Thomas A. Peppard, M.D., 1131 Medical Arts Building, Minneapolis 2
Harold O. Peterson, M.D., 1995 West County Road "B", St. Paul 8
Herbert W. Peterson, M.D., 753 Medical Arts Building, Minneapolis
Joel L. E. Peterson, M.D., 965 Payne Avenue, St. Paul 1
William T. Peyton, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Mr. Jack Phelan, 2826 Cedar Avenue, Minneapolis 7
Kenneth A. Phelps, M.D., 1137 Medical Arts Building, Minneapolis 2
A. C. Plankers, M.D., 525 Sunset Ridge, Dubuque, Iowa
Erling S. Platou, M.D., 4700 White Oaks Road, Edina, Minneapolis
Thomas Polley, M.D., 120 North Scott Street, Joliet, Illinois
J. A. Polzek, M.D., 516 LaSalle Building, Minneapolis
Mr. Claude R. Poston, Box 275, Moose Lake
John E. Power, M.D., 1112 Medical Arts Building, Duluth
Victor S. Quale, M.D., Grand Forks, North Dakota
Mr. R. J. Quinlivan, 519 $\frac{1}{2}$ St. Germain Street, St. Cloud
John T. Quirk, M.D., 215 West Ash Street, Piqua, Ohio
C. S. Raadquist, M.D., Adams Hospital, Hibbing
A. T. Rasmussen, M.D., 4636 Indianola Way, La Canada, California
Mr. R. E. Rathbun, Harris, Upham and Company, Northwestern Bank Building,
Minneapolis 2
Charles E. Rea, M.D., 962 Lowry Building, St. Paul
E. A. Regnier, M.D., 1131 Medical Arts Building, Minneapolis 2
Fred B. Riegel, M.D., St. Croix Falls, Wisconsin
W. W. Rieke, M.D., Box 487, Wayzata
L. G. Rigler, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
W. P. Ritchie, M.D., 917 Lowry Medical Arts Building, St. Paul
Robert I. Rizer, M.D., 1931 Medical Arts Building, Minneapolis 2
Owen F. Robbins, M.D., 403 Doctors Building, Minneapolis 2
Mr. W. L. Robertson, Fergus Journal Company, Fergus Falls
C. H. Robilliard, M.D., Faribault
C. L. Roholt, M.D., Mc Intash
H. B. Roholt, M.D., Fosston
Mr. Gust C. Roos, 233 West 52nd Street, Minneapolis 9
Grace M. Roth, M.D., Mayo Clinic, Rochester
Henry A. Roust, M.D., 101 A North First Street, Montevideo
O. W. Rowe, M.D., 205 West Second Street, Duluth
Joseph O. Rude, M.D., Juneau, Alaska
Peter S. Rudie, M.D., Mt. Royal Manor, Duluth 5
C. Walter Rumpf, M.D., 326 Seventh Street Northwest, Faribault
L. H. Rutledge, M.D., Reilly Building, Detroit Lakes
Russell O. Sather, M.D., Northwest Clinic, Crookston

Life Members

W. A. Sawatzky, M.D., 1942 Hennepin Avenue, Minneapolis 5
Frederick H. K. Schaaf, M.D., 1531 Medical Arts Building, Minneapolis 2
Mr. George E. Schaffer, Perley
F. J. Schatz, M.D., P. O. Box 637, St. Cloud
Harold C. Scheie, M.D., 313 South 17th Street, Philadelphia 3, Pennsylvania
L. R. Scherer, M.D., 311 Medical Arts Building, Minneapolis 2
Roland G. Scherer, M.D., Suite 31, Commercial National Bank Building, Bozeman,
Montana
O. W. Scholpp, M.D., Hutchinson
Max Seham, M.D., 301 Kenwood Parkway, Minneapolis 5
Leon Seley, M.D., 503 - 11th Street Southeast, Washington 3, D. C.
H. J. Setzer, M.D., 1604 Randolph Avenue, St. Paul 5
James F. Shandorf, M.D., 431 Medical Arts Building, Minneapolis 2
Robert Shapiro, M.D., Hospital of St. Raphael, New Haven, Connecticut
William P. Shepard, M.D., Metropolitan Life Insurance Company, One Madison Avenue,
New York 10, New York
L. F. Sherman, M.D., 420 Medical Arts Building, Minneapolis 2
R. V. Sherman, M.D., Red Wing
Edwin J. Simons, M.D., 4901 Browndale Avenue, Minneapolis
Jalmar H. Simons, M.D., #109, 2809 Park Avenue, Minneapolis
Senator Donald Sinclair, Stephen
Ivar Sivertsen, M.D., 504 LaSalle Building, Minneapolis
C. E. Slocumb, M.D., Mayo Clinic, Rochester
Arthur F. Smith, M.D., Manning, Iowa
F. L. Smith, M.D., 417 Ninth Avenue Southwest, Rochester
Vernon D. E. Smith, M.D., 339 Lowry Medical Arts Building, St. Paul 2
Albert M. Snell, M.D., Palo Alto Clinic, Palo Alto, California
Thomas J. Snodgrass, M.D., P. O. Box 629, Janesville, Wisconsin
L. L. Sogge, M.D., Windom
A. E. Sohmer, M.D., 229 Byron Street, Mankato
Mr. Joe Soiney, Route No. 1, Thief River Falls
Samuel B. Solhaug, M.D., 615 Medical Arts Building, Minneapolis 2
Karl Sollner, M.D., National Institute of Health, United States Public Health
Service, Bethesda, Maryland
Ben Sommers, M.D., 1232 Lowry Medical Arts, St. Paul 2
Joseph Sorkness, M.D., DePuy Sorkness Clinic, Jamestown, North Dakota
Wesley W. Spink, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
Charles E. Stanford, M.D., 1427 Medical Arts Building, Minneapolis 2
P. E. Stangl, M.D., 1848 North River Road, St. Cloud
L. A. Stelter, M.D., 1111 Nicollet Avenue, Minneapolis 2
K. W. Stenstrom, M.D., University of Minnesota Hospitals, Minneapolis 14
Professor Arthur Stoll, President, Sandoz Chemicals, Basel 13, Switzerland
A. H. Stolpestad, M.D., 741 East Nevada Avenue, St. Paul
Harold W. Stone, M.D., R. R. #1, Wilder, Idaho
Gordon E. Strate, M.D., 557 Lowry Medical Arts Building, St. Paul 2
W. G. Strobel, M.D., 205 West Second Street, Duluth
Sheldon Stuurmans, M.D., The Clinical Pathological Laboratory, 3875 Wilshire
Boulevard, Suite 205, Los Angeles 5, California
S. E. Sweitzer, M.D., 1017 Medical Arts Building, Minneapolis 2
Arnold O. Swenson, M.D., 404 North Central Avenue, Duluth

Life Members

Leslie W. Tasche, M.D., 1226 North Eighth Street, Sheboygan, Wisconsin
H. E. Thelander, M.D., 640 Sutter Street, San Francisco, California
J. H. Tillisch, M.D., Mayo Clinic, Rochester
Leonard A. Titrud, M.D., 929 Medical Arts Building, Minneapolis 2
E. L. Tuohy, M.D., Duluth Clinic, Duluth
Walter H. Ude, M.D., 205 Medical Arts Building, Minneapolis 2
Charles G. Uhley, M.D., 220 South Broadway, Crookston
Mr. George G. Ulmer, Jr., Physician & Hospitals Supply Company, Inc., 1400 Harmon
Place, Minneapolis 3
Robert D. Urbahns, M.D., Odelli Building, Monongahela, Pennsylvania
Arthur L. Vadheim, M.D., Tyler
James L. Vadheim, M.D., 1908 North Puget Sound, Tacoma 7, Washington
John C. Van Dalson, M.D., 723 Westnedge Avenue South, Kalamazoo, Michigan
A. R. Varco, M.D., 5520 Richmond Curve, St. Louis Park
Melvin Vik, M.D., State Hospital, Anoka
M. B. Visscher, M.D., Millard Hall, University of Minnesota, Minneapolis 14
C. W. Waldron, M.D., 241 Maple Hill Road, Hopkins
Reuben H. Waldschmidt, M.D., Bismarck, North Dakota
W. W. Walker, M.D., Barlow Realty Company, 807 Hennepin Avenue, Minneapolis 3
Marc J. Wallace, M.D., 187 Lakeview Avenue, Clifton, New Jersey
Waltman Walters, M.D., Mayo Clinic, Rochester
Mr. Charles T. Wangersteen, First National Bank Building, Chisholm
Mrs. Owen H. Wangersteen, 2832 West River Road, Minneapolis 6
Charles H. Watkins, M. D., Mayo Clinic, Rochester
C. J. Watson, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
C. E. Watz, M.D., 2223 West County Road "B", St. Paul 8
Edgar A. Webb, M.D., 305 Medical Arts Building, Minneapolis 2
S. A. Weisman, M.D., 6363 Wilshire Boulevard, Los Angeles 48, California
Louis R. Weiss, M.D., 1848 Medical Arts Building, Minneapolis
W. T. Wenner, M.D., St. Mary's Building, St. Cloud
MacNider Wetherby, M.D., 905 Medical Arts Building, Minneapolis 2
Lloyd A. Whitesell, M.D., 4303 Bryant Avenue South, Minneapolis 9
George E. Whitson, M.D., Madison, South Dakota
W. F. Widen, M.D., 3017 Bloomington Avenue, Minneapolis 7
Robert L. Wilder, M.D., 1801 Lyndale Avenue South, Minneapolis 5
W. W. Will, M.D., Bertha
F. A. Willius, M.D., Mayo Clinic, Rochester
H. E. Wilmot, M.D., Litchfield
Donald E. Wohlrahe, M.D., 1610th U.S.A.F. Infirmary, Grenier A.F.B., Manchester,
New Hampshire
E. J. Wohlrahe, M.D., 423 North Marshall Avenue, Springfield
Herman J. Wolff, M.D., 339 Lowry Medical Arts Building, St. Paul 2
Henry W. Woltman, M.D., Mayo Clinic, Rochester
Phillip H. Woutat, M.D., 322 DeMers Avenue, Grand Forks, North Dakota
Harold N. Wright, M.D., Millard Hall, University of Minnesota, Minneapolis 14
Oswald S. Wyatt, M.D., 308 Physicians and Surgeons Building, Minneapolis 2
R. S. Ylvisaker, M.D., 237 Medical Arts Building, Minneapolis 2
Thomas Young, M.D., 929 Medical Arts Building, Duluth
Nelson A. Youngs, M.D., Grand Forks Clinic, Grand Forks, North Dakota
E. E. Zemke, M.D., 221 East First Street, Fairmont
Mrs. Harry B. Zimmermann, 1530 Edgumbe Road, St. Paul 5

Annual Members

George N. Aagaard, M. D., University of Washington Medical School, Seattle, Washington
John S. Abbott, M.D., 19 Crocus Place, St. Paul 2
Arden L. Abraham, M.D., 915 East First Street, Duluth
E. A. Addington, M.D., 415 Cobb Building, Seattle 1, Washington
Carl W. Ahl, M.D., P. O. Box 1094, Douglas, Arizona
William J. Alcorn, M.D., Wabasso
Alexandria Clinic, Alexandria
Howard A. Andersen, M.D., Mayo Clinic, Rochester
Silas C. Andersen, M.D., 418 LaSalle Building, Minneapolis 2
C. A. Anderson, M.D., Hector
Franklin C. Anderson, M.D., Owatonna
J. A. Anderson, M.D., Stanford Hospital, Clay and Webster, San Francisco, California
John W. Anderson, M.D., Harper Medical Building, Sidney, Montana
Richard Anderson, M.D., 127 North Madison Avenue, Pasadena 1, California
U. Schuyler Anderson, M.D., 313 Medical Arts Building, Minneapolis
W. E. Anderson, M.D., Clearbrook
William H. Anderson, M.D., 5632 Chowen Avenue South, Minneapolis
R. L. Andrcassen, M.D., 3829 - 19th Avenue South, Minneapolis 7
Walter C. Andrews, M.D., Frederic, Wisconsin
Stuart W. Arhelger, M.D., 2113 Oliver Avenue South, Minneapolis 5
Irving Ariel, M.D., 139 East 36th Street, New York City, New York
A. I. Arneson, M.D., Morris
P. G. Arzt, M.D., Box 1061, Jamestown, North Dakota
Austin Clinic, Austin
Osmond J. Baggenstoss, M.D., 4615 Roanoke Road, Minneapolis
Morton Baker, M.D., 2073 Lunt Avenue, Chicago 45, Illinois
William M. Balfour, M.D., Mayo Clinic, Rochester
Ivan D. Baronofsky, M.D., Incker Hospital, St. Paul
Maxwell M. Barr, M.D., 315 Doctors Building, Minneapolis
Homer P. Basinger, M.D., Windom
A. H. Baskin, M.D., 435 New Britain Avenue, Hartford 6, Connecticut
Donald Bauer, M.D., 178 West Commercial, Coos Bay, Oregon
William B. A. J. Bauer, M.D., 113½ East Minor Avenue, Ladysmith, Wisconsin
F. H. Baumgartner, M.D., Albany
Samuel S. Beirstein, M.D., 507 Physicians & Surgeons Building, Minneapolis
Richard H. Beiswanger, M.D., 5521 Dever Drive, Minneapolis 10
E. J. Beithon, M.D., Wahpeton, North Dakota
James L. Benepe, M.D., 9 South Chatsworth, St. Paul 5
Edwin G. Benjamin, M.D., 1727 Medical Arts Building, Minneapolis
Harold G. Benjamin, M.D., 1727 Medical Arts Building, Minneapolis
Frank M. Bennett, M.D., McIntyre Building, Oregon City, Oregon
Benson Clinic, Benson
E. H. Bergendahl, M.D., 4225 Tacoma Avenue, Fort Wayne, Indiana
George S. Bergh, M.D., 1324 West Minnehaha Parkway, Minneapolis 19
Solveig M. Bergh, M.D., 2615 Park Avenue, Minneapolis 7
N. J. Berkwitz, M.D., 1527 Medical Arts Building, Minneapolis 2
Anthony S. Berlin, M.D., Hallock
Theodore M. Berman, M.D., 350 Lincoln Road, Miami Beach, Florida
W. C. Bernstein, M.D., 934 Lowry Medical Arts Building, St. Paul 2
Joseph F. Bieck, M.D., 1648 Highland Parkway, St. Paul 5
W. H. Bickel, M.D., Mayo Clinic, Rochester
Orpheus J. Bizzozero, M.D., 59 Cooke Street, Waterbury 25, Connecticut

Annual Members

James A. Blake, M.D., 15 Ninth Avenue South, Hopkins
Samuel Blank, M.D., 163 Grove Street, Waterbury, Connecticut
Dalmon V. Boardman, M.D., 204 West Wabasha, Winona
R. A. Bock, M.D., 1646 Ford Parkway, St. Paul 5
John J. Bochrer, M.D., 411 Doctors Building, Minneapolis 2
A. H. Borgerson, M.D., Long Prairie Clinic, Long Prairie
V. G. Borland, M.D., Fargo Clinic, Box 1388, Fargo, North Dakota
G. E. Bourget, M.D., 417 Second Street, Hudson, Wisconsin
B. J. Bouquet, M.D., Wabasha
Bruce Boynton, M.D., Grafton, North Dakota
Robert A. Bradley, M.D., 2465 South Downing, Denver 10, Colorado
James Bratholdt, M.D., Watertown
Alice Brill, M.D., 547 Medical Arts Building, Minneapolis 2
O. A. Brines, M.D., 1512 St. Antoine Street, Detroit 26, Michigan
T. J. Bulinski, M.D., 910 Lowry Building, St. Paul 2
H. B. Burchell, M.D., Mayo Clinic, Rochester
Stella Irene Burdette, M.D., Balsam Lake, Wisconsin
Richard D. Burmeister, M.D., 2117 Carroll, St. Paul 4
Laurence H. Cady, M.D., 17 Southeast Fourth Street, Minneapolis 14
Mr. Archie A. Campbell, Jr., 4901 Lyndale Avenue South, Minneapolis
Norman C. Carlson, M.D., 2908 Cliff Drive, Newport Beach, California
R. E. Carlson, M.D., 105 South Main Street, Stillwater
Mr. E. J. Carroll, P. O. Box 7259, Philadelphia 1, Pennsylvania
Dick Cason, M.D., 117½ East Elm, Hillsboro, Texas
T. J. Catlin, M.D., Buffalo
F. G. Chermak, M.D., International Falls
Merrill D. Chesler, M.D., 600 Physicians and Surgeons Building, Minneapolis 2
Charles F. Codo, M.D., Mayo Clinic, Rochester
E. B. Cohen, M.D., 1002 Medical Arts Building, Minneapolis 2
Dennis J. Collins, M.D., 100 Day Street, Norwood, Massachusetts
W. H. Condit, M.D., 1009 Nicollet Avenue, Minneapolis
Mrs. Edwin C. Coolidge, Hamilton College, Clinton, New York
C. H. Coombs, M.D., Cass Lake
Kendall B. Corbin, M.D., Mayo Foundation, Rochester
J. A. Cosgriff, M.D., Olivia
Everett B. Coulter, M.D., 205 Fernwell Building, Spokane, Washington
K. W. Covey, M.D., Mahanomen
Winchell M. Craig, M.D., Mayo Clinic, Rochester
Elizabeth M. Cranston, M.D., Millard Hall, University of Minnesota, Minneapolis 14
L. R. Critchfield, M.D., 129 Macalester Street, St. Paul
R. C. Cullen, M.D., 1776 Vinc Street, Denver, Colorado
Paul V. Cummiskey, M.D., 2915 Johnson Street Northeast, Minneapolis
L. N. Dale, M.D., Red Lake Falls
Harry A. Daniels, M.D., 610 Northwest Ninth Street, Oklahoma City, Oklahoma
A. C. Davis, M.D., Mayo Clinic, Rochester
Robert J. Delmore, M.D., Charity Hospital, 1532 Tulane Avenue, New Orleans 12,
Louisiana
Donald F. DeMarse, M.D., Box 397, Holbrook, Arizona
Henry W. Dodge, Jr., M.D., Mayo Clinic, Rochester
J. Dordal, M.D., Sacred Heart
L. C. Doyle, M.D., 803 Washington Avenue Southeast, Minneapolis 14
Carl B. Drake, M.D., 1235 Lowry Medical Arts Building, St. Paul 2
George W. Drexler, M.D., Blue Earth
Herman E. Drill, M.D., 205 Strobeck Building, Hopkins

Annual Members

John R. Earl, M.D., 937 Lincoln Avenue, St. Paul 5
L. M. Eaton, M.D., 909 Eighth Street Southwest, Rochester
G. B. Eaves, M.D., 3611 Century Building, Lynwood, California
Charles T. Eginton, M.D., 666 Lowry Medical Arts Building, St. Paul 2
O. A. Eide, M.D., Hancock
George D. Eitel, M.D., 1409 Willow Street, Minneapolis
C. T. Ekolund, M.D., 906 Riker Building, Pontiac, Michigan
L. M. Ekstrand, M.D., Wabasha
B. D. Elliott, M.D., 311 North Market, Oskaloosa, Iowa
Mrs. Gwenth Vye Elsey, Glenwood
E. E. Emerson, M.D., Osakis
E. J. Engberg, M.D., Station A, Faribault
Rudolf Engel, M.D., 605 High Street, Oregon City, Oregon
George F. Engstrom, M.D., Belgrade
Stephan Epstein, M.D., Marshfield Clinic, Marshfield, Wisconsin
Vernon D. Erickson, M.D., Grand Rapids Clinic, Grand Rapids
H. E. Esscx, M.D., Mayo Clinic, Rochester
Gerald T. Evans, M.D., Mayo Memorial, University of Minnesota, Minneapolis 14
E. Frank Everett, M.D., 120 West 36th Avenue, San Mateo, California
K. R. Fawcett, M.D., Duluth Clinic, Duluth
J. Y. Feinstein, M.D., 3537 Nicollet Avenue, Minneapolis 8
Davitt A. Felder, M.D., St. Joseph's Hospital, St. Paul
Donald J. Ferguson, M.D., 4949 Aldrich Avenue South, Minneapolis 9
Otto B. Fesenmaier, M.D., New Ulm
David L. Fingerman, M.D., 701 Physicians & Surgeons Building, Minneapolis 2
Dan L. Fink, M.D., 235 Lowry Medical Arts Building, St. Paul 2
William A. Fischer, M.D., Frederic, Wisconsin
H. Fiskotti, M.D., 1029 Medical Arts Building, Duluth
Flin Flon Clinic, Box 160, Flin Flon, Manitoba, Canada
M. G. Flom, M.D., Zumbrota
J. E. Flynn, M.D., 1719 Howitt Avenue, Everett, Washington
Frederic E. B. Foley, M.D., 228 Lowry Medical Arts Building, St. Paul 2
G. M. A. Fortier, M.D., Little Falls
C. A. Fosmark, M.D., 602 South Thornton Avenue, Madison, Wisconsin
Mrs. Alvina Wangansteen Fossum, Interstate Business College, Fargo, North Dakota
David W. Francis, M.D., Morristown
Donald B. Frane, M.D., 1214 - 42nd Avenue North, Minneapolis 12
Richard J. Frey, M.D., 311 Medical Arts Building, Minneapolis
Robert E. Fricke, M.D., Mayo Clinic, Rochester
Louis A. Fried, M.D., 742 East 54th Street, Minneapolis
Aaron Friedoll, M.D., 518 Medical Arts Building, Minneapolis
George L. Garske, M.D., 90 South Ninth Street, Minneapolis 2
Ernst Gollhorn, M.D., 528 Pelham Boulevard, St. Paul
J. T. Gericke, Jr., M.D., 102 East Lexington Boulevard, Eau Claire, Wisconsin
R. K. Ghormley, M.D., Mayo Clinic, Rochester
D. P. Gibson, M.D., 1098 East Grand Boulevard, Detroit 7, Michigan
Mary F. Giffin, M.D., 316 Fifth Street Southwest, Rochester
Maurice Gilbert, M.D., 1915 Washburn Avenue North, Minneapolis
Delmar R. Gillespie, M.D., 1210 Lowry Medical Arts Building, St. Paul
Lloyd C. Gilman, M.D., 319 West 6th Street, Willmar
Meyer Z. Goldner, M.D., 218 Doctors Building, Minneapolis
Hendrie W. Grant, M.D., 330 Lowry Medical Arts Building, St. Paul 2
John C. Grant, M.D., Sauk Centre

Annual Members

Frank R. Gratzok, M.D., 1631 Medical Arts Building, Minneapolis
Howard K. Gray, M.D., Mayo Clinic, Rochester
Robert A. Green, M.D., 4959 Excelsior Boulevard, Minneapolis
Albert Greenberg, M.D., 820 Medical Arts Building, Minneapolis
John K. Grotting, M.D., 948 Medical Arts Building, Minneapolis
D. E. Guernsey, M.D., 1460 Mill Street, San Luis Obispo, California
Helen Haberer, M.D., 607 Medical Arts Building, Minneapolis 2
Wayne S. Hagen, M.D., 800 Physicians and Surgeons Building, Minneapolis
Samuel F. Haines, M.D., 620 Ninth Avenue Southwest, Rochester
Erick Y. Hakanson, M.D., 1125 Lincoln Avenue, St. Paul
R. P. Hallin, M.D., Worthington
Richard Halpern, M.D., 300 South Beverly Drive, Beverly Hills, California
D. K. Halvorsen, M.D., 124 West Bridge, Owatonna
R. D. Hanover, M.D., Box 791, International Falls
Cyrus O. Hansen, M.D., 4921 - 17th Avenue South, Minneapolis
William F. Hartfiel, M.D., 632 Lowry Medical Arts Building, St. Paul
S. A. Hartman, M.D., 4529 Sherman Oaks Avenue, Sherman Oaks, California
J. Francis Hartmann, M.D., 14 Jackson Hall, University of Minnesota, Minneapolis 14
Grant F. Hartnagel, M.D., Interstate Clinic, Red Wing
Lyle J. Hay, M. D., Route 11, St. Paul 7
Fordyce R. Heilman, M.D., 715 Tenth Avenue Southwest, Rochester
Edward D. Henderson, M.D., 1331 Second Street Northwest, Rochester
Myron J. Hertz, M.D., 208 Lowry Building, St. Paul 2
Mr. Louis W. Hill, Jr., W-500 First National Bank Building, St. Paul 1
Claude R. Hitchcock, M. D., 5137 Logan Avenue South, Minneapolis
R. V. Hodapp, M.D., 319 W. 6th Street, Willmar
H. O. Hoff, M.D., 501 East 4th Street, Duluth
F. W. Hoffbauer, M.D., 4701 East 34th Street, Minneapolis
Hillard H. Helm, M.D., Glencoe
C. H. Helmstrom, M.D., Warren
E. G. Holmstrom, M.D., Salt Lake General Hospital, Salt Lake City, Utah
J. E. Holt, M.D., 372 St. Peter Street, St. Paul 2
Captain Howard L. Horns, 5022 A.S.U., United States Army Hospital, Camp Carson,
Colorado
Richard C. Horns, M.D., 205 Doctors Building, Minneapolis 2
R. J. Houle, M.D., New Brighton
Elna M. Howard, M.D., Garberson Clinic, Miles City, Montana
Robert B. Howard, M.D., 4044 Webster Avenue, St. Louis Park
L. J. Hoyer, M.D., Windom
E. J. Huenckens, M.D., 1409 Willow Street, Minneapolis
W. R. Humphrey, M.D., Stillwater
John Hurly, M.D., 1687 Poly Drive, Billings, Montana
Milton M. Hurwitz, M.D., 514 Lowry Medical Arts Building, St. Paul 2
F. R. Huxley, M.D., Faribault
Charles Hymes, M.D., 541 Medical Arts Building, Minneapolis 2
Kano Ikeda, M.D., Miller Hospital, St. Paul 2
Jay Jacoby, M.D., University Hospital, Columbus, Ohio
Allan G. Janocky, M.D., Baudette
Joseph M. Janes, M.D., 816 Ninth Avenue Southwest, Rochester
Nathan K. Jensen, M.D., 202 Peninsula Road, Medicine Lake, Minneapolis
Bourne Jerome, M.D., 629 Queen Avenue South, Minneapolis
C. Lawrence Johnson, M.D., 1316 Professional Building, Kansas City 6, Missouri
Hobart C. Johnson, M.D., 839 Belgrade Avenue, North Platte

Annual Members

Norman P. Johnson, M.D., 65 South Tenth Street, Minneapolis
Victor Johnson, M.D., Mayo Foundation, Rochester
E. S. Judd, Jr., M.D., Mayo Clinic, Rochester
Manley F. Jurgens, M.D., 112 South Main Street, Stillwater
J. Jacob Kaplan, M.D., 2011 Chicago Avenue, Minneapolis 4
C. I. Karleon, M.D., 402 Medical Arts Building, Minneapolis
E. M. Kasper, M.D., 372 St. Peter Street, St. Paul
Herschel J. Kaufman, M.D., 2617 South Girard, Minneapolis
Donald L. Kegaries, M.D., Box 1832, Rapid City, South Dakota
Paul J. Keith, M.D., Milaca
Ralph Kernkamp, M.D., 1204 David Broderick Tower, Detroit 26, Michigan
Ilmar Q. Kiesel, M.D., Page, North Dakota
Lyndon M. King, Jr., M.D., 1114 South Minnesota Avenue, Sioux Falls, South Dakota
Edward H. Kirschbaum, M.D., 20 Grove Street, Waterbury 10, Connecticut
W. A. Knight, Jr., M.D., 4161 Lindell Boulevard, St. Louis, Missouri
Henry A. Korda, M.D., Korda Clinic, Pelican Rapids
F. J. Kottke, M.D., 860 Mayo Memorial, University of Minnesota, Minneapolis 14
R. J. Kotval, M.D., Pipestone
Monte H. Kowall, M.D., 311 Redwood Avenue, Winnipeg, Manitoba, Canada
Arnold J. Kremen, M.D., 99 Ft. Washington Avenue, New York 32, New York
V. C. Kromser, M.D., Amery, Wisconsin
Frank H. Krusen, M.D., Mayo Clinic, Rochester
S. T. Kucera, M.D., Northfield
William A. Lange, M.D., 3919 John R, Detroit 1, Michigan
B. G. Lamin, M.D., 1464 Lowry Medical Arts Building, St. Paul
Lawrence M. Larson, M.D., 303 Doctors Building, Minneapolis
Leighton W. Larson, M.D., Waconia
Oliver E. H. Larson, M.D., Zumbrota
Morris H. Lax, M.D., 438 Hamm Building, St. Paul
R. E. Leigh, M.D., 111 North Fifth Street, Grand Forks, North Dakota
M. E. Lenander, M.D., 313 South Minnesota Avenue, St. Peter
Alfred G. Levin, M.D., 837 DuPont Building, Miami, Florida
Jules D. Levin, M.D., 161 West Wisconsin Avenue, Milwaukee, Wisconsin
F. John Lewis, M.D., C-502 Mayo Memorial, University of Minnesota, Minneapolis 14
Dagfinn Lie, M.D., Webster, South Dakota
C. Walton Lillehei, M.D., C-504 Mayo Memorial, University of Minnesota, Minneapolis 14
Ludvig Lima, Jr., M.D., Montevideo
M. C. O. Lindert, M.D., 161 West Wisconsin, Milwaukee, Wisconsin
H. P. Linner, M.D., 333 Medical Arts Building, Minneapolis
John H. Linner, M.D., 5757 - 45th Avenue South, Minneapolis 17
E. S. Lippman, M.D., 1928 Nicollet Avenue, Minneapolis 3
Frederick H. Lott, M.D., 810 East 27th Street, Minneapolis
E. R. Lowe, M.D., 158 North Concord Street, South St. Paul
Virgil J. P. Lundquist, M.D., 829 Medical Arts Building, Minneapolis 2
D. C. MacKinnon, M.D., 1425 Medical Arts Building, Minneapolis
A. E. Magnuson, M.D., Wheaton
Morris Malbin, M.D., 427 Morgan Building, Portland, Oregon
Davis S. Malen, M.D., 347 Florida Street, Baton Rouge, Louisiana
William F. Maloney, M.D., 1618 West 25th Street, Minneapolis
J. C. Mankey, M.D., 716 West 53rd Street, Minneapolis 19
Gordon M. Martin, M.D., Mayo Clinic, Rochester
L. D. Massey, M.D., P. O. Box 338, Osceola, Arkansas
A. D. Mattson, M.D., St. James

Annual Members

Hamlin Mattson, M.D., 837 Medical Arts Building, Minneapolis 2
R. A. Maves, M.D., Burien, Washington
Charles W. Mayo, M.D., Mayo Clinic, Rochester
Donovan L. McCain, M.D., 662 Lowry Medical Arts Building, St. Paul
Francis M. McCarten, M.D., Stillwater
J. M. McCarthy, M.D., 3000 Asbury Avenue, St. Paul 13
D. P. McCormick, M.D., 1131 Medical Arts Building, Minneapolis
John D. McGovern, M.D., 919 Taylor Street Southwest, Portland 5, Oregon
Brian J. McGroarty, M.D., 738 Lowry Medical Arts Building, St. Paul 2
Frank F. McKean, M.D., Allison, Iowa
F. S. McKinney, M.D., 730 LaSalle Building, Minneapolis
John W. McLinden, M.D., 225 Washington, Santa Clara, California
B. J. Mears, M.D., 1267 Lowry Building, St. Paul
Frederick B. Mears, M.D., 1111 North Broadway, Santa Ana, California
Harry Medovy, M.D., 401 Boyd Building, Winnipeg, Manitoba, Canada
Benedick Melby, M.D., Blooming Prairie
Robert L. Merrick, M.D., 917 Lowry Medical Arts Building, St. Paul 2
P. F. Meyer, M.D., Faribault
A. S. Midthune, M.D., Lake Park
H. A. Miller, Jr., M.D., 301 East Washington, Brownsville, Texas
Samuel Miller, M.D., P. O. Box 951, Jamestown, North Dakota
Frank J. Milnar, M.D., 714 Lowry Medical Arts Building, St. Paul 2
John R. Minor, M.D., 225 Fourth Avenue Southwest, Rochester
B. D. Mitchell, M.D., 408 Physicians and Surgeons Building, Minneapolis 2
A. S. Moc, M.D., 23 Windsor Drive, Belleville, Illinois
George E. Moore, M.D., 663 North Oak Street, Buffalo 3, New York
L. A. Moren, M.D., Elko Clinic, P. O. Box 269, Elko, Nevada
A. Eugene Muller, M.D., 5 - 12th Avenue Northeast, North St Paul 9
Edward S. Murphy, M.D., 216 Dixon Building, Missoula, Montana
Oscar B. Murray, M.D., 540 McCallie Avenue, Chattanooga, Tennessee
Thomas T. Myers, M.D., Mayo Clinic, Rochester
H. B. Nachtigall, M.D., 182-11 Henloy Road, Jamaica 32, Long Island, New York
Arnold E. Naegeli, M.D., 3455 Via Oporto, New Port Beach, California
Donald E. Nealy, M.D., Adrian
W. S. Neff, M.D., 201 First Street South, Virginia
K. L. Nelson, M.D., Warroad
Maxine O. Nelson, M.D., 5327 - 41st Avenue South, Minneapolis 17
Maynard C. Nelson, M.D., 419 Medical Arts Building, Minneapolis 2
Curtis B. Nessa, M.D., St. Cloud Hospital, St. Cloud
H. L. Neuenschwander, M.D., 1009 Melbourne, Knoxville, Tennessee
J. Roger Nickerson, M.D., 118 South Main, Fairmont
W. F. Nordman, M.D., Mora
R. Ad. J. L. V. Norman, United States Naval Hospital, Great Lakes, Illinois
J. F. Norman, M.D., Crookston Clinic, 119 North Broadway, Crookston
N. T. Norris, M.D., Caledonia
A. W. Nuctzman, M.D., 826 - Sixth Avenue Southwest, Faribault
Katherine A. Nye, M.D., 803 Lowry Medical Arts Building, St. Paul
Lillian L. Nye, M.D., 803 Lowry Medical Arts Building, St. Paul
C. G. Ochsner, M.D., Wabasha
Howard M. Odel, M.D., 1020 - 10th Street Southwest, Rochester
J. Ohage, M.D., 625 Lowry Medical Arts Building, St. Paul 2
Jack G. Olson, M.D., United States Army Hospital, Camp Chaffee, Arkansas
C. A. Olson, M.D., Baldwin Clinic, Baldwin, Wisconsin
Duane C. Olson, M.D., Gaylord

Annual Members

Eldon C. Olson, M.D., 5410 Laurel Canyon Boulevard, North Hollywood, California
G. P. O'Neill, M.D., Room 402, Safety Building, Rock Island, Illinois
E. G. Oppen, M.D., 427 LaSalle Building, Minneapolis
Alan L. Orvis, M.D., Mayo Clinic, Rochester
Edward W. Ostergren, M.D., 764 Labore Road, St. Paul 9
Burton C. Ostling, M.D., Kerkhoven
Charles A. Owen, Jr., M.D., Mayo Clinic, Rochester
B. J. Palen, M.D., 4119 East Lake Street, Minneapolis
P. J. Pankratz, M.D., Mountain Lake
Robert L. Parker, M.D., Mayo Clinic, Rochester
Hugh D. Patterson, M.D., Slayton
I. Pearlman, M.D., 291 Burrows, Winnipeg, Manitoba, Canada
Leonard F. Peltier, M.D., B-590 Mayo Memorial University of Minnesota, Minneapolis
Donald H. Peterson, M.D., St. Olaf College, Northfield
Robert T. Peterson, M.D., 1312 Kohn Boulevard, St. Cloud
Julien V. Petit, M.D., 1111 Nicollet Avenue, Suite 450, Minneapolis
John T. PETERS, M.D., 2020 First Avenue South, Minneapolis
R. F. Pierson, M.D., Slayton
Casiano C. Plaza, M.D., Butuan City, Agusan, Philippines
M. C. Plimpton, M.D., 407 Doctors Building, Minneapolis
Robert E. Priest, M.D., 2323 Irving Avenue South, Minneapolis 5
James T. Priestley, M.D., Mayo Clinic, Rochester
R. K. Proeschel, M.D., 319 West Sixth Street, Willmar
C. E. Proshek, M.D., 607 LaSalle Building, Minneapolis
Raymond D. Pruitt, M.D., Mayo Clinic, Rochester
E. E. Pumala, M.D., Warren
Quain & Ramstad Clinic, Bismarck, North Dakota
F. W. Quattlebaum, M.D., 519 Lowry Medical Arts Building, St. Paul 2
Henry W. Quist, M.D., 4101 Wentworth Avenue, Minneapolis
D. F. Ralston, M.D., Mayo Clinic, Rochester
J. H. Raymond, M.D., St. Anthony's Hospital, Rock Island, Illinois
Carl O. Rice, M.D., 1635 Medical Arts Building, Minneapolis
E. Clarence Rice, M.D., Garfield Memorial Hospital, Washington 1, D. C.
L. F. Richdorf, M.D., 1409 Willow Street, Minneapolis
R. E. Risch, M.D., 1953 Benjamin Street Northeast, Minneapolis 18
D. K. Rizer, M.D., 1931 Medical Arts Building, Minneapolis
Francis Roach, M.D., 1205 Medico-Dental Building, Stockton, California
O. W. Roberts, M.D., 203 East Broadway, Owatonna
Richard S. Rodgers, M.D., 545 Medical Arts Building, Minneapolis
Anthony F. Rozycki, M.D., Pine River
John M. Rumball, M.D., Veterans Administration Hospital, Coral Gables, Florida
J. G. Rushton, M.D., 1521 - Fifth Street Southwest, Rochester.
Elmer M. Ruston, M.D., 1645 Medical Arts Building, Minneapolis 2
J. S. Sagel, M.D., Room 829, 504 Broadway, Gary, Indiana
Richard J. Salk, M.D., Albany
1/Lt. Charles M. Samet, U.S.A.F. (MC), 567th U.S.A.F. Hospital, McChord A.F.B.,
Tacoma, Washington
Karl E. Sandt, M.D., 1750 Medical Arts Building, Minneapolis 2
David J. Sandweiss, M.D., 9739 Dexter Boulevard, Detroit 6, Michigan
M. M. Sarnocki, M.D., 127 University Avenue, St. Paul 3
James G. Sawyer, M.D., Box 77, Route 1, Minn Mile, Butte, Montana
J. F. Schaefer, M.D., 101 West Main Street, Owatonna
G. T. Schimelpfenig, M.D., Chaska
Rudi Schmid, M.D., 630 West 168th Street, New York 32, New York

Annual Members

Herbert W. Schmidt, M.D., R. R. 2, Rochester
W. R. Schmidt, M.D., 1935 Medical Arts Building, Minneapolis 2
Edward Schons, M.D., 404 North Mississippi River Boulevard, St. Paul 4
Mr. N. B. Schoonmaker, 727 - 15th Avenue Southeast, Minneapolis
Hugo F. Schrockenstein, M.D., 656 Chippewa Avenue, St. Paul 7
Albert J. Schroeder, M.D., 3519 Girard Avenue South, Minneapolis
Irwin Schulz, M.D., 2212 West State Street, Milwaukee, Wisconsin
Elmer S. Schutz, M.D., Mountain Lake
Horace G. Scott, M.D., 1551 Medical Arts Building, Minneapolis
Otto J. Seifert, M.D., New Ulm
M. J. Shapiro, M.D., 416 North Bedford Drive, Beverly Hills, California
Andrew W. Shea, M.D., 552 Medical Arts Building, Minneapolis 2
Abraham Shcdlov, M.D., Veterans Administration Center, Los Angeles 25, California
J. A. Shcinkopf, M.D., 360 North Bedford Drive, Beverly Hills, California
C. G. Sheppard, M.D., Hutchinson
Lloyd F. Sherman, M.D., 420 Medical Arts Building, Minneapolis 2
John S. Siegel, M.D., 207 - 3rd Avenue South, Virginia
L. O. Simenstad, M.D., Osceola, Wisconsin
George P. Sims, M.D., 683 East Broad Street, Columbus 15, Ohio
David Siperstein, M.D., 400 Doctors Building, Minneapolis
Rudolph B. Skogorboc, M.D., Karlstad
Ralph F. Smiley, M.D., Park Hospital Clinic, Mason City, Iowa
E. A. Smisck, M.D., 963 West Seventh Street, St. Paul 2
Adam M. Smith, M.D., 1013 Medical Arts Building, Minneapolis 2
Archie M. Smith, M.D., 4829 Minnctonka Boulevard, St. Louis Park
Baxter A. Smith, M.D., 305 Medical Arts Building, Minneapolis
L. G. Smith, M.D., Montevideo
Scott M. Smith, M.D., 910 Medical Arts Building, Salt Lake City 1, Utah
R. T. Soderlind, M.D., 801 LaSalle Building, Minneapolis
Juan Solari, M.D., Rccuay 282, Lima, Peru
Ernest J. Sowada, M.D., 1205 Arcade Street, St. Paul 6
A. C. Stahr, M.D., 21 Eighth Avenue North, Hopkins
C. R. Stanley, M.D., 1115 Fifth Avenue, Worthington
Milton D. Starokow, M.D., 309 LaBree Avenue North, Thief River Falls
David State, M.D., Cedars of Lebanon Hospital, 4833 Fountain, Los Angeles 29,
California
Herbert M. Stauffer, M.D., 3401 North Broad Street, Philadelphia 40, Pennsylvania
Edward L. Strom, M.D., 711 Lowry Medical Arts Building, St. Paul 2
J. H. Strickler, M.D., 1635 Medical Arts Building, Minneapolis
J. W. Stuhr, M.D., Stillwater
Rodney F. Sturloy, M.D., 1240 Lowry Medical Arts Building, St. Paul 2
Marvin Sukov, M.D., 643 Medical Arts Building, Minneapolis 2
R. Dorothy Sundberg, M.D., 319 Jackson Hall, University of Minnesota, Minnea-
polis 14
H. J. C. Swan, M.D., Mayo Clinic, Rochester
Jerome T. Syverton, M.D., 1061 Mayo Memorial, University of Minnesota, Minnea-
polis 14
George M. Tangen, M.D., 1427 Medical Arts Building, Minneapolis
Robert J. Tenner, M.D., 420 Medical Arts Building, Minneapolis 2
Lt. William S. Terry, M.C., 1100 Hamilton Avenue, Portsmouth, Virginia
Arthur Thompson, M.D., 207 Midway Medical Arts Building, St. Paul
Stewart C. Thomson, M.D., 1325 Mayo Memorial, University of Minnesota, Minnea-
polis 14
Leonard O. Titrud, M.D., 929 Medical Arts Building, Minneapolis

Annual Members

- John D. Tobin, M.D., 301 Kenwood Parkway, Minneapolis
Donald G. Tollefson, M.D., 511 South Bonnie Brae Street, Los Angeles 5, California
Lyle A. Tongen, M.D., 1464 Lowry Medical Arts Building, St. Paul 2
Bertram L. Trelstad, M.D., 2054 North Capitol Street, Salem, Oregon
Alfred Uihlein, M.D., 102-110 Second Avenue Southwest, Rochester
Fred H. Van Bergen, M.D., 409 Otis Avenue, St. Paul
A. E. Venables, M.D., 156 East Sixth Street, St. Paul 1
Howard A. Vogel, M.D., New Ulm
Charles W. Waas, M.D., 993 Como Lake Boulevard East, St. Paul
Michael Wainstock, M.D., 1508 David Broderick Tower, Detroit 26, Michigan
Newton F. Walker, M.D., 916 East Blanchard, El Paso, Texas
Martin O. Wallace, M.D., 909 Medical Arts Building, Duluth
Percy A. Ward, M.D., 2020 First Avenue South, Minneapolis
John M. Waugh, M.D., Mayo Clinic, Rochester
Dean M. M. Weaver, Faculty of Medicine, University of British Columbia, Vancouver,
British Columbia, Canada
Roscoe C. Webb, M.D., 1849 Medical Arts Building, Minneapolis
Richard J. Webber, M.D., 4959 Excelsior Boulevard, Minneapolis 16
F. E. Wood, M.D., Park River, North Dakota
James F. Weir, M.D., 102 Second Avenue Southwest, Rochester
B. A. Weis, M.D., 936 Lowry Medical Arts Building, St. Paul 2
J. H. Weisberg, M.D., 1302 Tower Avenue, Superior, Wisconsin
Lewis J. Weller, M.D., Oscoda, Wisconsin
Arthur H. Wells, M.D., 5400 London Road, Duluth
L. J. Wells, M.D., 494 North Mississippi River Boulevard, St. Paul
W. B. Wells, M.D., Jackson
Stanley P. Wesolowski, M.D., 999 South Fairview, St. Paul 5
M. Westby, M.D., Madison
M. L. Whalen, M.D., P. O. Box 217, Bruce, Wisconsin
Joseph L. Whelan, M.D., 1360 Oxford Road, Grosse Pointe Woods 36, Michigan
J. A. Williams, M.D., Box 1098, Idaho Falls, Idaho
M. R. Williams, M.D., Cannon Falls
W. Lane Williams, M.D., Room 1, Jackson Hall, University of Minnesota, Minnea-
polis 14
Harold A. Williamson, M.D., 118 South Main, Fairmont
Winona Clinic, 172 Main Street, Winona
A. Cabot Wohlrabe, M.D., 91 South Seventh Street, Minneapolis
Earl H. Wood, M.D., Mayo Clinic, Rochester
C. B. Young, M.D., 712 South Bois D'Arc, Tyler, Texas
S. F. Yucend, M.D., 201 East Salem, Indianola, Iowa
H. B. Zimmermann, M.D., 1360 Lowry Medical Arts Building, St. Paul 2
E. B. Brown, Jr., M.D., 318 Millard Hall, University of Minnesota, Minneapolis 14