

SOUTHWESTERN

MEDICAL



CENTER

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FOUNDATION URGES SUPPORT OF COUNTY HOSPITAL BOND ISSUE

Pencillin Whips Lobar Pneumonia

Penicillin and sulfa drugs have obliterated deaths due to lobar pneumonia at Parkland Hospital, statistics show.

Pencillin treatment was added at the hospital last October by Dr. J. H. Crampton Jr., instructor in medicine, Southwestern Medical College. Of the 100 charity patients treated for lobar since then all have survived.

Before the wide use of sulfa drugs, and later penicillin, this disease had a mortality rate of 30 per cent.

Dr. Crampton attributes Parkland's success to the fact that the most recent medical knowledge and research facilities are at the disposal of doctors and students of Southwestern.

Although penicillin has been successfully used elsewhere to combat this once dreaded disease, Dr. Crampton said that there is no evidence showing where such a large number of lobar pneumonia cases have been treated and cured than at Dallas' Parkland Hospital.

The Southwestern Medical Foundation urges the voters of Dallas to support the current \$7,000,000 county hospital bond issue which is scheduled to be submitted for election August 25. Here the Dallas County public can do its part toward developing the hospital center which will be built around the new proposed structures of Southwestern Medical College.

The bond issue is for construction of a new city-county hospital to replace Parkland which is outmoded and inadequate to the demands of both today and tomorrow as a general hospital. A new structure, fit for the housing of the most modern equipment, is needed. Parkland will not be abandoned, but will be devoted to other essential uses, such as a hospital for the chronically ill and aged.

The county already owns the land on which the proposed public buildings are to be erected. They will be adjacent to where the Southwestern Medical Foundation is planning the development of Dallas' great medical center. A mile-long site fronting Harry Hines Boulevard, from the present site of the Woodlawn Hospital to Inwood Road will be made use of.

Mice With Virus Infected Brains Cured

In a barracks-like laboratory, where dwell the cleanest mice in Dallas, science has tackled one of medicine's long despairs—virus infections that enter the brain.

This problem, which comes with such ailments as infantile paralysis, rabies and encephalitis (sleeping sickness), has occupied many hours for Dr. S. Edward Sulkin, Southwestern Medical College professor of bacteriology.

Now, in experiments on mice, these labors have met with a measure of success for Dr. Sulkin, Dr. Andres Goth and Miss Christine Zarafonitis.

The treatments on mice have consisted of administration of certain anesthetics.

Virus diseases which affect the brain and the spinal cord have long been without any method of treatment.

Scientists for years have searched for such methods, but except in the case of the Pasteur's treatment for rabies there is little evidence of success thus far, says Dr. Sulkin.

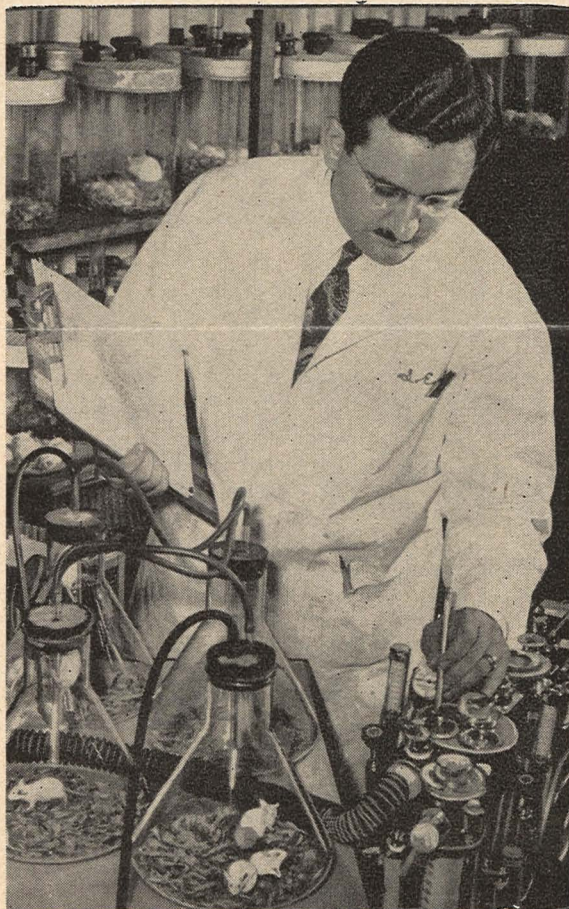
The sulfa drug and penicillin, Dr. Sulkin said, have been ineffective in the treatment of virus infections in the brain. Treatment with serum has also been unsatisfactory, he added.

The experiments with mice has concerned encephalitis, which has been epidemic in many parts of the United States and Canada during the past decade and has accounted for at least three cases and one death in the Dallas area in the past year.

Dr. Sulkin and his associates found that the use of anaesthesia in their laboratory experiments cured more than 40 per cent of the infected mice, even after symptoms of the disease became apparent; where 92 per cent of untreated animals died.

The researchers believe they can raise the ratio of mice saved. Later there will be experiments on monkeys. The ultimate hope, of course, is to save human beings from hopeless virus infections.

Associates at the medical college hope this work may lead eventually to a successful cure for infantile paralysis.



Sleep means life . . . through anesthetics 40 per cent of mice with virus infected brains have been cured in laboratory experiments by Dr. S. Edward Sulkin, bacteriology professor.

Dr. Christopher G. Parnell, Rochester, N. Y., hospital consultant, was engaged to draw the plan that will guide the long-range development of the medical center. His preliminary report touches every detail of education, research, hospital care, out patient work, recreation, housing construction and maintenance.

Suggested buildings which will grow around the new hospital are a medical school, clinical building, dental school, school of public health, institute for research, general hospital, out patient care building, chronic and convalescent hospital, tuberculosis hospital, psychopathic hospital, cancer hospital, Negro hospital, dormitories for students, houses for faculty and staff, laundry and power plant. The new medical center represents the most ambitious single undertaking of its kind in this section of the nation.

This bond issue is typical of the revived spirit that is flowing through the civic life of Dallas these days, when so much planning and effort to make this a greater and better community for the years ahead is under way.

Second Birthday of Medical College Marks Great Beginning

2,000 Attend Open House

Two thousand Dallasites rubbed elbows with science Sunday afternoon, July 1st, at the open house celebration of the second anniversary of Southwestern Medical College, despite the heavy rain during the early afternoon.

In the temporary preclinical and administration buildings at 2211 Oak Lawn the guests were guided through the many departments where 206 medical students are instructed in the modern methods of controlling disease and healing the sick.

The streams of visitors were amazed at the strides made by the college in the past two short years of its existence and in the modern teaching and research facilities displayed in the student and research laboratories of the school. Many realized for the first time the vastness of the college and the many medical research projects under study there.

Brig. Gen. W. Lee Hart, chief surgeon of the Eighth Service Command, said that it was indeed gratifying to see such a promising beginning to a great medical center for the Southwest.

... — VOTE AUG. 25TH ... —

More Requests Than Digests

The series of eight health lectures recently offered the public by staff members of Parkland Hospital and faculty of Southwestern Medical College has been published in digest form and the many requests for these printed lectures has been filled. The supply of digests is now exhausted because more requests than anticipated were received at a late date.

Fred M. Lange, vice-president and managing director of Southwestern Medical Foundation, stated that because of the amount of public interest and enthusiasm shown in these lectures, the Foundation, in cooperation with Parkland Hospital, will consider the continuance of a similar public service in the near future.

Vote "YES"

**Aug. 25 for County
Hospital Bond Issue**



A LITTLE BOY observing the second anniversary of Southwestern Medical College by stretching his neck and staring incredulously at a display in the anatomy laboratory.

Doctors Form Group for Poliomyelitis Research

A committee of seven doctors and specialists has been formed in Dallas to conduct extensive infantile paralysis research in the event the disease becomes epidemic here this year.

The group was formed at the request of Dr. J. M. Dowis, acting city health officer.

"There is a marked increase of poliomyelitis in South Texas," Dr. Dowis said in a letter to Dr. Dr. Tinsley R. Harrison, dean of the faculty at Southwestern Medical College.

Formation of the committee was approved by Dr. E. H. Cary, president of the Southwestern Medical Foundation. It will include specialists, faculty members of the medical college, city and county health officers.

Chairman will be Dr. S. Edward Sulkin, head of the college department of bacteriology and former director of the St. Louis Virus Research Laboratory. Already, in his laboratory here, he has reduced the death rate of mice with virus-infected brains.

Serving with him are Dr. Brandon Carrell, Dr. John G. Young, Dr. Ramsey Moore, Dr. Gladys Fashena, all faculty members of Southwestern; Dr. J. M. Pickard, Dallas County health officer, and Dr. J. M. Dowis.

"Should infantile paralysis reach epidemic proportions in Dallas, we will thoroughly investigate each individual case as well as the families of each patient," Dr. Sulkin said.

"Eventually all - year - round

Servicemen Applying for Med. Training

Applications from servicemen for student enrollment are flooding the registrar's office of Southwestern Medical College, Fred M. Lange, vice-president and managing director of Southwestern Medical Foundation, stated.

"Many men in our armed forces seem to be looking forward to their postwar future and the majority plan to take advantage of the G.I. Bill of Rights," stated Lange. "Those who possess the high scholastic standards required at Southwestern are sending in their applications even from overseas."

A 104th Infantry Division soldier sent in his application showing that he possessed above the B average required in pre-medical studies plus enough points earned in combat to qualify him for a discharge. Answering him via APO number, Miss Anne Rucker, college registrar, explained that applications of qualified servicemen certainly would be given first priority for acceptances.

Not only does the school receive military applications from far and wide, Miss Rucker said, but requests from every state in the union and a number from foreign countries have been received.

Returning Doctors

In addition to these student requests, the college has received many inquiries from medical officers desiring short courses of postgraduation instruction in order to refresh their knowledge of civilian medicine before they return to general practice. Southwestern has recently adopted a special curriculum to satisfy these needs by offering two courses each of two months durations. One in medicine and pediatrics, the other in surgery, obstetrics and gynecology. Enrollment is limited to 20 and preference is given doctors who have served in the armed forces but the courses are open to all physicians.

poliomyelitis research will be conducted in the laboratories of Southwestern Medical College. The present plan for possible investigation is an entirely different project, however."

Dr. Sulkin declared that an understanding of the behavior of infantile paralysis in a population will not be possible until there is more definite knowledge of the actual distribution of the polio virus.

Dr. Joseph G. Molner, national representative of the Foundation for Infantile Paralysis, on a nation-wide survey of facilities for polio cases, conferred with Dr. Sulkin and inspected the laboratories and research facilities of the college last month.

Dean Speaks of Students

By Dr. Don Slaughter, Dean of
Students, Southwestern
Medical College

Without students who are anxious and eager to learn, no school or college could have any reason for existing. It is a curious historical fact that even during the so-called flourishing period of the Renaissance that to "go to school" was considered beneath the dignity of many "ladies and gentlemen". From time to time, one reads of isolated instances of young people not wanting to attend school, but in our modern era the importance of gaining a college education has been so engrained into the people of this country that only those who are uneducated themselves would ever suggest that becoming educated either in a liberal way or being trained for some profession was unimportant.

Students attending medical colleges are all very much alike the nation over but they are very different from any other group of students. All of them have but one desire and that compelling urge was summed up nicely by one of our freshmen students who said recently, "I've wanted to study medicine ever since I've been old enough to know what a doctor was. To me, a physician is one who has reached the pinnacle of professional service. I know from talking to friends of mine who are already in school and are nearing the completion of their medical course that the study of medicine is plain, hard work but since I know what it will lead to, I am more than willing to put everything I've got into it." This common ambition, this common bond then, automatically makes all medical students members of a fraternity who are imbued with being the best doctors they possibly can.

Since 1943, most all physically qualified students have been going to medical school under the auspices of the Army Specialized Training Program or the Navy V-12 program. This government subsidy has made it possible for perhaps many students who otherwise could not have attended medical school to gain a physician's degree. In our college, because we limit the entering class each year to sixty-four, we have on our rolls eighty-nine members of the Army and fifty members of the Navy. One

might feel that because these boys are in uniform, they would set themselves apart from the civilians. This, however, is not true, simply because medicine is what it is. The rest of our student body is made up of fifty-four civilians. Some of them have been discharged from the Armed Forces, others are physically disqualified and still others who, according to Selective Service rulings, are deferred so long as they do good work. Finally, there are fifteen girls in attendance. I should like to say that we welcome femininity on our campus and because of the war which has caused serious shortages in civilian practice, it is my belief that women will take a greater place in the next few years in not only the practice of medicine but also in scientific research.

The Army and Navy has made most medical schools a melting pot of students from various parts of the country. Naturally, our preference during peacetime is for students from this area, but we welcome all well-qualified students. In our freshman class for example, thirty-one of the sixty-four are from Texas, five from Pennsylvania, three each from California and New York, two each from Iowa, Michigan, New Mexico, New Jersey, Florida, Idaho, Washington and Oklahoma, and Maryland, Minnesota, Ohio, Virginia and Wisconsin are represented as well.

In the next report, I will discuss some of the more interesting facts of some of our students—some of their backgrounds, the professions of their fathers, their likes and their dislikes.



HERO'S FLAG COMES HOME—This is the burial flag of First Lieutenant Lynn Hair, who crashed to his death in a plane over England last year. His widow, Mrs. Lynn Hair and her two daughters, Jerry and Jan Lois, 8131 Eustis, present the starred emblem to Dr. E. H. Cary, president of Southwestern Medical Foundation, which will be displayed in the new administration building of Southwestern Medical College when erected.

Waters Heads Med. Arts Group

Lewis Waters, professor of art as applied to medicine, Southwestern Medical College, was elected chairman of the executive council of the American Association of Medical Artists at their recent national convention, Chicago. Waters was also named permanent chairman of the western section of the association, covering 17 states, and member of their board of governors.

Waters stated at the convention that for the first time in

history it is now possible for a qualified student to obtain an accredited degree in Medical Art and Visual Education—a new profession originated at Southwestern Medical College!

Professor Waters, who has pioneered for 20 years to perpetuate medical art education explained that artists used in illustrating medical text books was as old as medicine itself, but the combining of photography, art sound recording, display, and plastic prosthesis, in addition to three years premedical college work is entirely new and originated at Southwestern.

Dr. E. H. Cary, president of Southwestern Medical Foundation, explained that the three years' premedical work which is prerequisite to study at Southwestern's art department may be obtained from any accredited school, but Southern Methodist University is further cooperating with the college by offering a Bachelor of Arts degree in Medical Illustration after the student finishes two additional years of specialization at Southwestern Medical College. A third year of art study at the college qualifies the student for a Masters degree, which is given by Southwestern Medical College.

Business Groups Request Medic Talks

During the past month many Dallas business and civic groups have requested that faculty members of Southwestern Medical College be guest speakers at their various luncheon meetings. The Jaycees were shown the deadly viruses causing encephalitis by Dr. S. Edward Sulkin, professor of bacteriology, at a recent meeting.

A complete scientific research laboratory was shown the Jaycees in the form of illustrated slides, depicting just how a scientist works with these microscopic midgets. The Civitan Club heard a talk on vitamins by Dr. Herbert C. Tidwell, professor of biochemistry, who explained that \$200,000,000 is an-

nually spent by the U. S. public for vitamins and that the number of persons actually requiring vitamin therapy was comparatively small. Dr. Arthur Grollman, professor of experimental medicine, gave a brief history of medical research to

the members of the Optimist Club. The Lions' Clubs of Dallas and McKinney learned of the origin of penicillin from Dr. Donald Slaughter, dean of students of the college. Dr. Tinsley R. Harrison, faculty dean, discussed the heart and its diseases at recent meetings of the Ad League and Exchange Club. Dr. W. F. Mengert, professor of obstetrics and gynecology, will discuss Southwestern Medical College, its activities and plans, before members of the Piolet Club of Dallas in the near future.

... — VOTE AUG. 25TH ...

BETTER DOCTORS PLANNED BY COLLEGE

Of the many newspaper editorials, features and news items concerning Southwestern Medical College during the past month, we feel this Times Herald editorial expresses one of our policies which is worth emphasizing.

An Institution of High Standards

The Southwestern Medical College, which is observing its second anniversary, has one objective that is particularly laudable. This objective is to stress quality instead of quantity in turning out graduates.

The number of students which the institution will be able to receive in future years will depend upon how adequately the college is financed, but the directors and the faculty are determined to maintain qualifications that can be met only by students who are earnest in their desire to enter the medical profession and who are qualified to rise in the ranks of medical science.

It is essential for the medical profession to be large enough to serve all the people, but it is as important for the nation to have better doctors as to have more doctors. Particularly does it need members of the profession who are trained and talented for research.

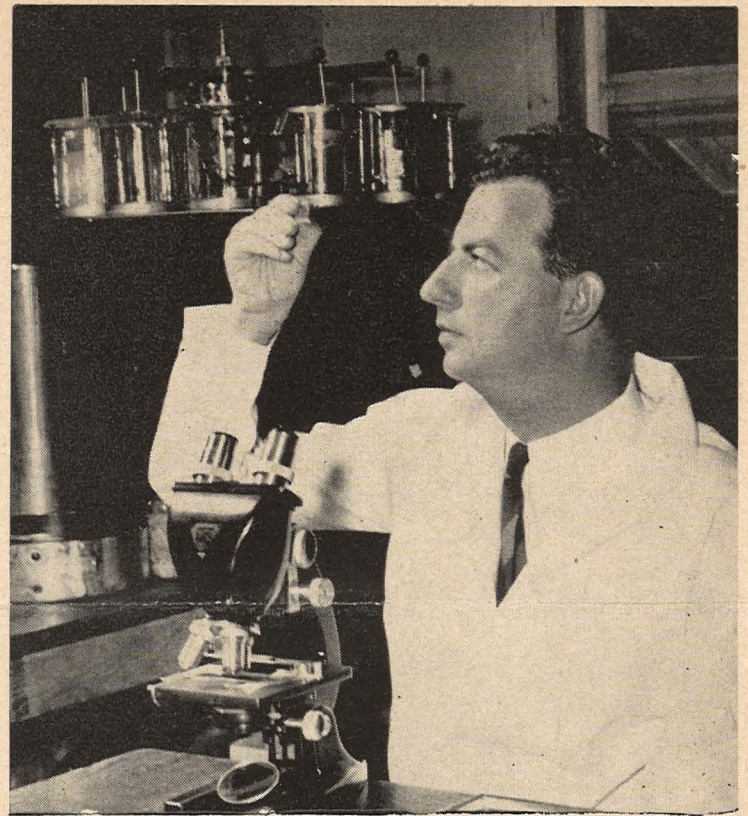
Congratulations are due Dr. E. H. Cary, for whom this college is a dream come true, and Dr. Tinsley Harrison, the dean, who is leading the institution forward in the fields of science. Although in temporary housing, the college is functioning smoothly and steadily rising in prestige. In two short years, and in spite of the handicaps of war, it already has gained national attention. Its future is assured. And its high standards will give it distinction.

Dr. W. Andrew Invited As Visiting Professor To Uni. Of Montevideo

Dr. Warren Andrew, 34, associate histology professor at Southwestern Medical College, noted for his study of old age, has been invited to teach and do research work for four months at the University of Montevideo, Uruguay.

The Division of Cultural Cooperation of the United States Department of State has given the doctor a grant to defray expenses of the trip, authorized by the Uruguayan Minister of Public Health.

The professor plans to observe



DR. WARREN ANDREW pictured in his laboratory, Southwestern Medical College, observing minute body tissues transferred to glass slides.

cellular structures forming the framework of the nervous system and study connective tissues in relations to the aging of the human body.

Andrew's invitation was extended by Prof. Dr. Julio Maria Sosa, director of the laboratory for histological research at the University of Montevideo, in recognition of the strides the professor has made in the study of geriatrics, or old age.

At the university Andrew will familiarize himself with advancements in the technique of staining body tissues for observation of glass slides.

Dyes are more extensively used in this country for staining body tissues, explained Andrew, but metallic impregnation of

tissues using silver and gold salts is a far more successful method as the tissues can be more clearly observed.

Andrew said he would introduce advancements in this field at Southwestern Medical College.

Andrew anticipates that geriatric hospitals, staffed and equipped solely for the treatment and observation of old people, will eventually be commonplace.

Native of Portland, Ore., Andrew has lived in Dallas since 1939.

Nancy Andrew, his wife, will accompany the doctor on his trip by plane the latter part of August.

PRIVATE BENEFACTIONS

A GREAT MEDICAL CENTER is destined for the Southwest, around which the Southwestern Medical College will fast become one of the leading medical educational and research centers of the nation. This which the Southwestern Medical Foundation has begun is made possible only through the contributions of private individuals.

Should you possess the will to further medical science—to combat disease—to educate great physicians and surgeons—to build a Citadel of Health which in time must and will rank below none in the nation, the Southwestern Medical offers you this opportunity.

Fred M. Lange, Vice-President and Managing Director, Southwestern Medical Foundation, 2211 Oak Lawn Ave., Dallas 4, Texas.

Will you please furnish me with additional information of how I can help to build a great Medical Center in the Southwest?

Name _____ Phone _____

Address _____
Number _____ Street _____

City _____ Zone _____ State _____

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Vote "YES" Saturday, August 25 for County Hospital Bond Issue