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## **The Chironian Vol. 22 No. 4**

New York Medical College

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# CHIRONIAN

WINTER, 1960-61



VOL. 22, NO. 4

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JUN 6 1962



## THE PRESIDENT'S PAGE



FOR the alumni of this Medical College, and, indeed, for all members of the medical profession, the challenge of the Sixties grows greater.

You, as alumni of New York Medical College, have a personal stake in the future which you share with your family and your friends. Objectively, and honestly, the stake in the future is much more than a personal one. With your colleagues in medicine, and with all members of the American community, you share a great responsibility—a responsibility to the present and the future to guarantee the continued high level of medical care which can only grow and develop with free medicine in a free world.

This responsibility rests in the very heritage of medicine. It is part of the heritage of all physicians, passed on by those generations of physicians who have preceded you. Most certainly the preservation of the heritage of medicine is one of the very real battlegrounds of the Sixties upon which may well be based the very survival of our way of life.

As alumni of this Medical College and dedicated members of the medical profession you must accept the challenges to meet this responsibility. Forceful, positive, active leadership must be contributed by each of you as you share in meeting and mastering these threats to our way of life. Constructive plans and positive programs must be originated by the members of the medical profession to keep medicine in pace with our changing society.

RALPH E. SNYDER, M.D.  
President and Dean



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**NEW YORK MEDICAL COLLEGE**

**The Chironian**

VOLUME 22

WINTER, 1960-61

No. 4

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## . . . FROM THE ALUMNI PRESIDENT

*I*N the near future you will be hearing from the College with regard to the 1961 Annual Fund. There is certainly a great deal that we may do as Alumni to support our medical school so that its program of continued progress will be insured and expanded. In an undertaking of this sort, your college looks to you; your interest, your consideration, and your thoughtful participation are of the essence.

*On a less serious note, I should like to add that our Annual Groundhog Day Smoker will be held at the College, under the auspices of the Alumni Association, on Tuesday evening, February 28th. This year will mark the 10th consecutive year this event has been held. I am sure it will be a fine opportunity for Alumni to get-together, and, if at all possible, I hope you will join us on this occasion.*

*With my very best wishes,*

CARL C. SALZMAN, M.D. '24  
President

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## Snyders Host Get-Together

Members of the College family shared an evening of festivity and good fellowship at the home of Dr. and Mrs. Ralph E. Snyder in Larchmont, N. Y., when the Snyders played host to the officers and directors of the Parents Council and other guests. Also present at the pre-Christmas gathering were Dr. Carl C. Salzman, President of the Alumni Association, and Dr. Arthur V. Jensen, Associate Dean.

\* \* \* \*

The Parents Council held a theater benefit at a recent performance of the Broadway musical "Tenderlion," with the proceeds going towards the purchase of an organ for the College auditorium. Among their activities scheduled for the year is a special meeting at which time films will be shown and Dr. Snyder will discuss with parents of junior and senior students various problems confronting the young physician in the practice of medicine.

The group has planned a testimonial dinner to be held on March 17th in honor of Dr. Snyder.

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## CHAPTER NEWS . . .

Alumni from the Northern New Jersey area gathered at Petrullo's Restaurant, in Hackensack, on Wednesday evening, November 30th, for the Fall meeting of the Northern New Jersey Chapter of the Alumni Association.

Following a short business meeting at which Dr. Louis V. Angioletti '38 presided, Dr. Arthur J. Grossman introduced the guest speaker of the evening, Dr. Kurt Lange, associate clinical professor in pediatrics and associate professor in medicine at the College, whose topic was "Modern Diagnostic Procedures in Renal Disease". A discussion period followed Dr. Lange's talk and refreshments were then served.

Future plans of the chapter include a social evening together for Alumni in the area under the auspices of the Alumni Association.

\* \* \* \*

The second meeting of the Philadelphia Chapter was held on Wednesday evening, November 16th, at the Phi Lambda Kappa Fraternity House in Philadelphia. Dr. Joseph Fennelly reported to those present on his recent trip to the College.

\* \* \* \*

On Sunday, October 30, 1960, Florida Alumni were guests of Dr. Snyder at a cocktail party held at the Diplomat Hotel in Hollywood, Fla. Among those present from the College at the gathering were Drs. Jensen, Lombardi, and Silverstein.

## Alpha Omega Alpha Initiation Banquet Held

### Dr. Levine Delivers Lecture

THE NEW YORK MEDICAL COLLEGE Chapter of Alpha Omega Alpha, Iota of New York, held its annual initiation banquet, sponsored by Dr. Snyder, on Tuesday, December 6th, at the College.

Roy Peter Altman '61, president of the chapter, presided at the initiation exercises. The Charge to Initiates was given by Dr. Rachmiel Levine, Professor and Chairman of the Department of Medicine. Earlier in the evening Dr. Levine delivered the yearly lecture to which all alumni, faculty and students of the College are invited. The subject of Dr. Levine's address was "The Intermediary Metabolic Defects in Diabetes Mellitus".

The oath was administered by Dr. Linn J. Boyd, Clinical Professor of Medicine and Director of the Division of Graduate Studies, followed by the presentation of keys by Dr. Snyder.

### Student Initiates

#### Class of 1961

Emile John Berlet, III	Douglas A. Rayner
Robert D. Green	Salvatore Scuderi
Warren George Case, Jr.	Bernard Singer
Burton Paul Hoffner	Harry C. Smith
Conrad R. Jacobs	Robert N. Van Son
David E. Williams	

#### Class of 1962

Milton Best	Joel E. Hendler
Robert Greene	Richard S. Pataski
Edward H. Umgelter	

Students membership in the society is achieved through election by the local chapter and is based upon superior scholastic achievement coupled with other qualifications of personal and intellectual integrity, leadership, and future promise. In its aims and purpose toward attaining the highest ethical and professional standards, the society is closely allied with the Council on Medical Education and Hospitals of the American Medical Association and the Association of American Medical Colleges. Only medical schools of the highest rank may be granted charters of Alpha Omega Alpha.

First established at the College in the Spring of 1957, largely through the efforts of Dr. Snyder, the local chapter has elected a group of fourth year

students averaging twelve to thirteen in number and third year students averaging four or five. During the first year of the chapter's existence, Dr. Israel S. Kleiner was nominated for honorary membership and was elected by the National Council.

Charter members of the Iota chapter are:

#### Faculty

Dr. Ralph E. Snyder	Dr. Lawrence B. Slobody
Dr. J. A. W. Hetrick	Dr. James M. Winfield
Dr. Linn J. Boyd	Dr. Lois C. Lillick

#### Class of 1957

John R. Egan	Anthony E. Lang
Seymour Einhorn	Thomas L. March
Harvey L. Fritz	George R. Monahan
Stanley Grossman	Norman Nadel
Sdgar Hoedemaker	John D. Tracy
Arthur S. Zimmerman	

#### Class of 1958

Arthur Ginsburg	Micheline J-M. Kaempfer
Francis E. Healy, Jr.	Donald S. Konicoff
John T. Howard	Donal E. Sweeney
Benedict S. Caterinicchio	

*"To Be Worthy To Serve the Suffering"*

## ELECTRON MICROSCOPE FUND

Dr. Julius Blankfein, who generously contributed and whose leadership was instrumental in the project, has announced that funds totaling \$25,572.75 have been raised toward the purchase of an electron microscope for the College.

#### Contributors were:

Dr. Julius Blankfein	Mrs. Samuel Koenigsberg
Dr. Abraham Bohrer	Dr. Theodore P. Koszalka
Dr. Jesse M. Brown	Dr. Arthur J. Linden
Dr. Nathaniel J. Cohen	Metropolitan Unit
Dr. F. X. Colassard	Foundation
Mr. Leonard Cowen	Dr. Peter A. Miceli
Dr. Julius Dobkin	Dr. Simon Moskowitz
Dr. Milton M. Ehrlich	Dr. Alfred E. Passera
Dr. Joseph Ephriam	Dr. Philip Polatin
Dr. A. Fisher	Dr. Robert R. Princer
Dr. Morton Fenster	Dr. Louis G. Raff
Dr. Harry L. Fox	Dr. George A. Rawler
Dr. Emanuel Freund	Dr. Paul Reiser
Dr. Halley Friederwitzer	Dr. Harold Riker
Dr. G. Everett Gaillard	Dr. Raymond Ratnoff
Dr. Paul M. Gold	Dr. Paul R. Tornambe
Dr. Nathan Goldberg	Walter Sherman
Dr. Leo A. Green	Foundation, Inc.
Dr. Joseph Greenberg	Dr. Hyman Siegle
Mr. Samuel Grunther	Dr. Maurice H. Silk
Mr. Solomon Hirsch	Dr. Milton J. Slocum
Dr. Ernest N. Khoury	Dr. Leonard P. Wershub

The Alumni Association of New York Medical College

*invites you to attend its*

10th

Annual Groundhog Day

SMOKER

on TUESDAY EVENING

FEB.

28

1961

*Starting at 6:30 P.M.*

*in the College Foyer & Auditorium*

*Fifth Avenue at 106th Street*

Drinks . . . Entertainment . . . Buffet

*Sponsored by Your Alumni Association*

*Bring along a classmate!*

FRANK J. BORRELLI, M.D. '33  
Chairman, Groundhog Day Committee

## Dr. Saul Schwartz Named Alumni Chairman For 1961 Fund



**D**R. SAUL ALVIN SCHWARTZ, class of 1930, has been appointed Alumni Chairman for this year's Annual Fund.

While a student at the College, Dr. Schwartz was the recipient of the chemistry prize, president of the Contin Society, the honorary scholastic organization which merged with Alpha Omega Alpha, and literary editor of the *Fleuroscope*. He is presently an associate clinical professor in the department of medicine; associate physician at the Flower and Fifth Avenue, Metropolitan, Bird S. Coler, and Bronx Hospitals; and consulting gastroenterologist and endoscopist at the Harlem Hospital.

A Diplomate in Internal Medicine, Fellow of the American College of Physicians, and Fellow of the American College of Gastroenterology, Dr. Schwartz is an abstract editor of the *American Journal of Gastroenterology* and the author of numerous scientific papers, many emanating from our gastroenterological research department. An active alumnus, he is also a member of the Board of Governors and Publications Committee of the Alumni Association.

Dr. Schwartz has participated in many community projects and activities and was recently cited by Yesh-

iva University for his outstanding efforts on their behalf. A resident of Mount Vernon, New York, and trustee of Temple Emanu-El, he is married and has three sons and a daughter.

In a recent statement regarding this year's Fund, Dr. Schwartz said: "... I feel certain that with the full support and participation of our Alumni, this year's Fund will permit a significant step forward in the actualization of the College's goals toward greater leadership through its three-fold program of medical education, research, and patient care."

### *... An Acknowledgement ...*

The College extends its thanks and appreciation to Dr. V. D. Mattia '50, whose name was inadvertently omitted from the *Annual Fund Report*, for his early gift and for his efforts and help in serving as Alumni Chairman for the College's Second Annual Fund.

Acknowledgement is gratefully made to Dr. Nathan Chakin, Dr. J. S. Rosen, and Dr. Samuel Seley whose names were also mistakenly omitted.

Since the Fund's final report went to press, gifts have been received from the following:

#### Alumni

Dr. Maurice Zimmerman '22 Miami Beach, Florida	Dr. Leon Ryack '40 Brookline, Mass.
Dr. Jacob B. Pinkus '24 Bronx, New York	Dr. Irving Mond '44 Beacon, New York
Dr. Alexander Vivona '28 Inwood, New York	Dr. Herbert G. Kantor '46 Syosset, New York
Dr. Maurice J. Feder '30 New York, New York	Dr. Harold Siegelbaum '46 Spring Valley, New York
Dr. Ralph W. Watson '31 New Rochelle, New York	Dr. Alexander Vongries '50 Pelham, New York
Dr. Abner I. Weisman '32 New York, New York	Dr. Martin B. Stahl '53 Fords, New Jersey
Dr. Pasquale Ciaglia '38 Utica, New York	Dr. David J. Blackman '58 Clifton, New Jersey
Dr. Thomas M. Mar '40 Kailua-Kona, Hawaii	Dr. William B. Reeves '59 New York, New York

#### Non-Alumni Faculty

Dr. Albert Cornell	Dr. John R. Lee, Jr.
Dr. Maurice L. Malins	

#### Friends

Mr. Morris Gargle Bronx, New York	Mrs. Emma O. Richie New York, New York
Mr. C. H. Taylor New York, New York	



# Challenge of the Sixties

by

RALPH E. SNYDER, M.D.

AMERICAN medicine presents a disturbing and critical paradox. America is the land of abundance, the greatest producer of goods and services the world has ever known, the mightiest bulwark for human dignity and decency—yet we cannot supply adequate numbers of doctors, nor apparently adequate medical care to satisfy the basic needs of an ever increasing and wanting population. Today millions of Americans are bitterly dissatisfied with the medical care they are receiving. Not only are they seriously concerned with the rising cost of medical care, but they feel they no longer have a trusted friend as a doctor—just a cold, impersonal relationship that portrays the doctor as a harassed, overworked individual who can only give cursory medical care at best.

As the needs and demands for medical care rise, and they will continue to do so, the supply of physicians becomes more critical and will prove devastating if we continue on our archaic course to oblivion. Have we not seen enough symptoms of distress; doesn't the fact that both political parties have become convinced that the Government will have to do something about the rising cost of medical care mean that we in the profession have been remiss and shortsighted? If the medical profession continues to resist all forms of regulation, then there will be the danger that federal aid may be inevitable and will come in less effective ways than if the medical profession were to take the initiative and originate the details.

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*Excerpts from an address by Dr. Ralph E. Snyder, President and Dean, given at the Annual Convocation of the American College of Gastroenterology on October 23, 1960, in Philadelphia.*

As a group, the medical profession has failed—and failed in a monumental fashion—to measure up to its responsibility to itself, to its patients, to its country. It has failed to accept the challenges thrown at it by our rapidly changing moral, ethical, and social mores. It has lacked vision, courage and forthrightness in meeting the problems of our rapidly advancing civilization.

There can be little doubt that today, now, collectively and individually, we members of a free and dedicated society are engaged in a great ideological struggle for survival—a struggle against a way of life and an ideology that is so complete an antithesis of everything we stand for that there can be no compromise consistent with the continued existence of this world as we know it. This struggle has already passed the first line of defense and even now is subtly developing within our very daily lives. Externally we are faced with a great ideology whose sole purpose appears to be the use of education and moral and ethical insensibility to subvert and crush the very will of free men. Internally, this struggle has already taken form as the creeping paralysis of socialism that destroys incentive, reduces moral and ethical values to nothingness.

The very heritage and tradition of medicine deny these intrusions on the basic, fundamental principles upon which our way of life, socially and professionally, is founded. Is it not a responsibility of the medical profession to lead in this great battle? What other group of men so well understands the principles of freedom; what other group of men so well understands his fellow men and has so great an opportunity to provide leadership?

To be real, to be effective, leadership must be understanding; it must be able to develop an understanding of the problems and the issues; it must recognize the needs of the living human being; its vision and courage must be great; but above all, it must be a vital, positive entity. Leadership can never exist as a negative entity.

The medical profession as a whole has abjectly failed to meet the challenges. Organized medicine has too often proved to be organized mediocrity. Rarely in the history of mankind has the profession been faced with such rapidly decreasing declining prestige among its fellow men—and when it has, it has been the falling barometer of the destruction of a civilization.

Any of us who are members of the medical profession, any of us who have taken the time to look about us at our rapidly changing, rapidly deteriorating sense of basic national values, must see the obvious signs of the creeping paralysis of socialism. The regulation of our daily lives, of our daily activity by centralized agencies as a solution to the problems we lack willingness to face, is abundantly evident.

The failure of the medical profession, of so-called organized medicine, to develop realistic solutions to keep pace with our developing civilization is already imposing upon us the positive, and perhaps, even inevitable, pattern of regulated or commonly called, socialized medicine. It is hardly realistic to oppose change simply because we are opposed. We are living in an enlightened country—a country with the highest standards of living in the world, a country with the highest educational patterns in the world, a country in which the people expect, yes demand, the ultimate and should have it. It has been a long time since medicine was a cult, a mysterious, secret thing that people became aware of only as patients. We are living in the age of lay medicine—the *Reader's Digest*, the *Ladies' Home Journal*, *Good Housekeeping*, *Coronet*, and a host of other non-professional medical journals. Medicine is everybody's business.

It is long past time for members of the profession, individually and collectively, to accept the responsibility of developing and fostering patterns of medical practice designed to return the highest traditions of medicine to the practice of medicine in this atomic age. What can be done, what can the medical profession do to face its responsibilities—not only to itself

but to its patients, its country, its world, and its way of life?

Organized medicine must have revitalized leadership, developed rapidly from the grassroots of medicine—the practicing physician. This requires your wholehearted participation at local, state and national levels—devoid of medical political influences in the tradition of medicine.

There must be a return of physician responsibility to patients—regardless of location, regardless of time, regardless of personal sacrifice. The confidence, the trust, and respect of the physician's consumer must be restored in the tradition of medicine.

The members of the profession, individually and collectively, organized and unorganized, must point the way to lower costs of medical care and yet must maintain the high standards of care for all. Physicians as a group can make real contributions to this area by fostering, developing and expanding programs of voluntary prepaid health protection and then co-operating with such programs to reduce free-loading at the expense of the insurer and the patient. As a group, physicians can significantly aid in the problem of high cost of life saving drugs as an effective buffer between producer and consumer.

The members of the profession must take an uncompromising position to police the profession, to eradicate widespread unethical practices that you and I know exist. The emphasis on the material rewards of medicine must be replaced by a return to a deep sense of obligation, duty and dedication, consistent with the tradition and heritage of medicine. Only the profession through its own members can develop the dignity and the respect that has been lost. And this, only by individual and collective action.

Is the present spector of regulated medicine inevitable?—it may be. But this I do know—unless each of you in company with your colleagues now plays a determined role to accept the challenges of this atomic age, you will have cast your bread upon the waters—the flood waters that will engulf our way of life.

## 41 Year Medical Practice Ended



Courtesy—Evening Telegram, Herkimer, N. Y.

### DR. AND MRS. JONES

After 41 years of practice and the delivery of some 1,000 babies, Dr. Lewis Parry Jones '16 has retired from his practice in Ilion, New York, where he has lived for the past 38 years.

Dr. Jones, regarded by many as Ilion's "baby doctor," and his wife, the former Eliza Cady of Middlebury, Vt., have moved to their new ranch style home in central Florida.

After his graduation from New York Medical College in 1916 and a year of internship at Hahne-man Hospital, Dr. Jones returned to his home town for several months to practice medicine. He then enlisted in the Army Medical Corps as a first lieutenant,

served in France, and became commanding officer of the first gas evacuation hospital in Rambluzin, France, returning home in 1919. In keeping abreast with the ever changing medical methods, he returned to New York to attend a general surgical seminar at the New York Post Graduate Medical College in 1939.

He recalls there were eleven doctors in Ilion when the population was 7,000. Now there are only five doctors to care for over 10,000 people. "There was plenty of competition in those days and when a call came the doctor jumped," he states. He also remembers using a horse and buggy, rented from a local livery, to make calls. For a good many years rural people would meet the doctor at the village limits in a horse and sleigh. "And many times it was the manure wagon at that," he adds.

Until recent years, one of his hobbies, besides fishing and golfing, was sailing his yacht. He is an avid photographer and plans to devote one room in his new home just for the hobby. It is no wonder he had no time for other hobbies; he was plant physician for Remington Rand Co. for 40 years, village registrar of vital statistics for 15 years, and member of the surgical staff of both Herkimer Hospital and Ilion Hospital.

Dr. Jones was several times president of the Ilion Hospital medical staff, and is a past president of the Herkimer County Medical Society, Utica Academy of Medicine, Conversation Club, and Community Club.

Now residing on Belmont Drive in Indian Lake Estates, Florida, the couple have three children and four grandchildren.

**D**R. THOMAS HORACE EVANS, affectionately remembered by more than two thousand of his former students at New York Medical College, died during his sleep at his home in Freeport, L. I., New York, on January 25, 1961, at the age of eighty-three.

# WEIGHTLESSNESS IN COSMIC SPACE

by

CONSTANTINE D. J. GENERALES, JR., M.D., Ph.D.

*"The universe is not to be narrowed down to the limits of the understanding which has been man's practice up to now, but the understanding must be stretched and enlarged to take in the image of the universe as it is discovered." —Francis Bacon, 1561-1626 A.D., Parasceve, Aphorism 4.*

THE public's reaction to the events about Space is one of mixed feelings — a blend ranging from indifference to accentuated interest, sprinkled sometimes with fragmentary knowledge of the biological and physical sciences, lust for science fiction or sport events against a background of awe and sometimes fright, resulting in confusion if a bias of dogmatic religiosity prevails in the mind.

This situation can well represent a trichotomy present in today's thinking among John Doe, the average physician, and the space scientist. Jacques Barzun, Dean of Faculties and Provost of Columbia University, in his book, *The House of Intellect*, states "the ignorance of the unlettered takes no scrutiny to establish. What we need to plumb is the ignorance of the educated and the anti-intellectualism of the intellectual." This reminds me some time back of a distinguished physician who remarked to me at a dinner, "I hear you are giving up medicine and going into space!" My answer was, "I am bringing medicine with me into space."

Let us orient ourselves now to the problem of weightlessness. When we speak of zero gravity, we mean *that* particular point, never fixed, at which two

or more gravitational fields become neutralized so that we have a physical situation *mathematically* supported where there is no attraction of an object, however big or small, that would cause it to accelerate beyond the momentum originally imparted to it within the confines of the universe. Weightlessness, on the other hand, as detected by observation on physical phenomena and instrumentation, is the experience registered by an object as it is suspended in the field of equilibrium of existing forces within, or without, the confines of a plane or space vehicle. Although the state of weightlessness for a human being has not thus far exceeded some 61 seconds, and in the case of animals 4½ hours achieved during 19 orbits by the two dogs Byelke and Strelka on August 19, 1960, with successful recovery, the *point of no return* was of course never reached. The position of the moon, earth, sun, asteroids, comets, planets, and their satellites play a role in the obviously, continuously changing position of zero gravity, notwithstanding the more remote, extremely weak and difficult to measure, extrasolar, intragalactic gravitational spheres.

Thus having defined the difference between zero gravity and weightlessness, we shall examine a little closer the phenomena peculiar to weightlessness so far observed. No one is really conscious of the fact that at the equator he is traveling with the peripheral velocity of 1,675 kilometers per hour and that his planet, Earth, is orbiting around the sun at some 100,000 kilometers per hour while the entire solar system is moving at a velocity of 70,000 kilometers per hour during the spinning of our entire galaxy on its way to completing its 21st revolution (one revolution being concluded every 200,000,000 years). Neither is man aware that when he travels eastward on earth he weighs less than he does when he goes in the op-

*A member of the faculty of New York Medical College and a pioneer in the field of space medicine, Dr. Generales has written numerous articles and has lectured widely on the subject. The editors wish to express their thanks to Dr. Generales for his guest contribution to The CHIRONIAN.*



Photo—Martin Dain, Scope Weekly

***Classroom demonstration of ebullism during simulated conditions of explosive decompression.***

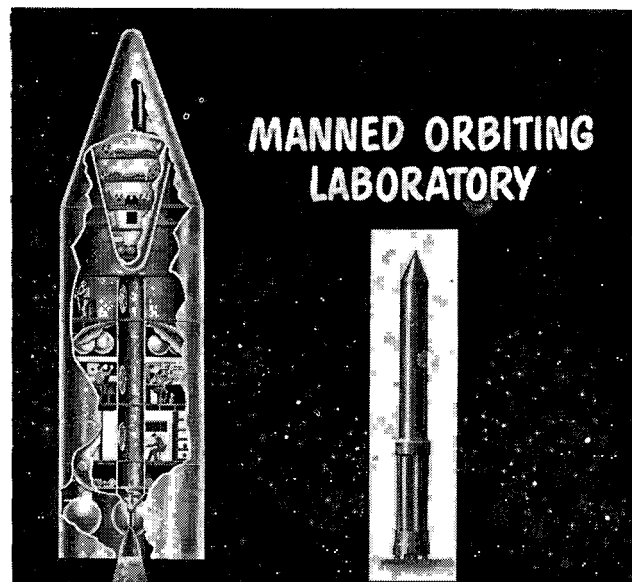
posite direction. For example, if he flies eastward over the equator at 1000 kilometers per hour, a 150 pound man will lose at that speed, just above the earth,  $1\frac{1}{2}$  pounds, or will weigh 148.5 pounds. The greater his velocity and altitude, the greater his weight difference. His weight is again different at sea level, on top of Mount Everest, or at the poles. (Incidentally, there is a state of weightlessness at the center of the Earth and all existing rotating compact celestial bodies.)

Surely it is now self-evident that man was born, and has died, generation after generation, in the continuous state of high velocity. There is no special sensation to man at these speeds, which are natural and aggregate to almost 200,000 kilometers an hour, as he hurtles through space. However, he is quite sensitive to any *change in speed and direction of motion*. An increase in velocity per unit time along a straight line is called acceleration, and decrease, deceleration. If, now, there is a change of direction at a constant speed, as maintained in a centrifuge, we are in a steady state of angular or radial velocity represented by radians or revolutions per unit time. As the rate of this circular movement is altered, we are achieving what is called angular acceleration (or deceleration) being an increase (or decrease) in the number of these radians or revolutions per unit time.

The mass of the earth tends to pull another mass radially towards its center at the rate of 32 ft. /sec /sec. At sea level this physical force or acceleration is called arbitrarily 1 g. At points below this level it is less, at elevations it is greater. We say a state of *hypergravity* exists when a force or combination of forces is greater than 1 g; for example, as on the sur-

face of any of the major planets as Jupiter, Saturn, Uranus, and Neptune (except Pluto). Linear acceleration, no matter how small an accelerative force, will also produce in time a hypergravic state when related to the earth as a reference system. *Hypogravity* of less than 1 g is found on the surface of any of the minor planets, Mercury, Venus, or Mars, and in areas of reduced gravitational fields, as in space. One can achieve a state of hypogravity through buoyant suspension in water or experience it in the ascending and descending arcs of a Keplerian (parabolic) trajectory. Incidentally we are hardly aware of a state of weightlessness when our ascending elevator comes to a stop or when the elevator from a point of rest proceeds down again. True, the time element that one spends in a state of weightlessness here is exceedingly small—a fraction of a second. It is also small at the moment of the peak of a jump when one's feet leave the ground. This "moment" has been stretched today with the progress in the aero-and-astronautical sciences to some 61 seconds in the case of man during a 50 mile parabolic jet flight—a dramatic acceleration of his diminutive jump of a few inches or feet.

Once a satellite or a space ship has achieved orbit, after having left the earth with the minimum escape velocity of seven miles per second, it will no longer fall back to the earth. Its crew and passengers will experience various peculiarities in which they will have been previously indoctrinated, whether exposed to a state of weightlessness in a circular orbit, in direct line of interplanetary travel, or subjected to an artificial gravity of 1 g. The latter can be achieved by a toroid structure 100 meters in diameter





making one revolution every 14.2 seconds; when technically feasible, a greater diameter decreases the *Coriolis* effect (see page 14).

The state of weightlessness was first observed during World War II by Dr. Diringshofen of Germany, my former professor of aviation medicine of the University of Berlin in 1944, who experienced a very pleasant state lasting eight to ten seconds. Later others, in repeating flights with extended parabolic curves, felt occasionally nauseous or slightly hilarious, coordinated poorly, and sometimes felt dizzy. Von Beckh of Argentina determined that blacking out occurred sooner (one to three g's instead of the average four to six g's) in going into a steep climb following a state of weightlessness.

Sometimes damaged otolith organs of the inner ear (turtles and mice) or severance of the utricular nerve affected favorably the tolerance of weightlessness on condition that the eyes remained open.

In cosmic space there is really no "up" or "down". In direct line flight, coasting, or with a small acceleration from .01—.001 g to a chosen celestial body, a person will not be permitted to move about inside the space ship without consideration of "ballast" distribution, whether he uses suction cups on his soles, uses magnets, or holds on to appropriate bars. The reason is that shifting of any weight while in motion will alter the direction of the space vehicle. Along this line of thinking, plans are underway to dispense with some of the small accessory rockets and control the direction by voluntary shifting of weight.

As he looks out of his protective window, whose glass filters out ultra-violet light, the sky is black and the stars do not twinkle. Anacosis prevails, the like of which is unknown on earth. Without artificial gravitation, furniture and all useful objects will have to be fastened down, especially tools. Till some later date when one does not have to pay so much attention to every cubic centimeter within the space vehicle, and should some members of the family desire to bring along the antique grandfather's clock, the idea should be discouraged. If the swinging pendulum remains in place on take off, it will come to a standstill due to the transient state of hypergravity once weightlessness has been attained. The least effort to set it in motion would cause it to crash against the encasement. Instead of the usual measured swinging of the pendulum, the swing would continue in the direction it was pushed as there is no gravitational force to pull it "down" and cause it to swing in the opposite direction. Ordinary balances will not be able to show any differences whatsoever. One hun-

dred pounds on one of the arms would remain in the same position as one ounce on the other side of the balance. The use of a spring would be the only way to accurately measure weight. Liquid, when poured from a vessel, would have a tendency to, and actually does, collect into a sphere due to the action of its surface tension. If it came into contact with a solid body, the forces of cohesion might exceed the forces of surface tension whereby the liquid would flow along the surface of the body. The handling of liquids would be of great inconvenience. They would have to be contained in squeeze bottles or subjected to some kind of pressure by a proper gas to force the fluid out. Washing would only be possible by the means of a wet sponge or towel. For shower-conscious astronauts, a health hazard, danger of pneumonia, would be created through the inhalation of the omni-directional ricocheting droplets of water. To empty liquid from a container, one would necessarily have to pull the container away from the liquid or make use of the centrifugal effect by moving the bottle in a great arc. Utilization of a pump would be another way of solving this problem.

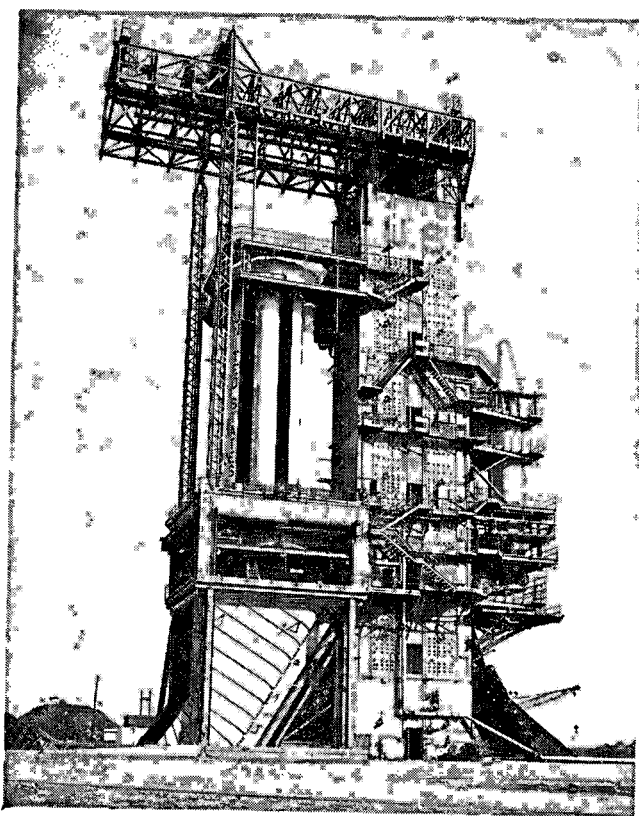
Should one be permitted to smoke, one would find that unless the cigarette was lit immediately after the flare of the head of the match, the light would go out. The behavior of smoke, which is a colloid (internal phase, solid; external phase, gas), within closed



Photo—N. Y. Daily News

*Roots of a homozygous recessive ageotropic seed growing naturally upward. The artificially created mutant shows positive geotropism in the inverted position. First successful studies and observations in the Western Hemisphere representing a valuable tool in gravitational research in space exploration. Cannisters on table contain bio-medical packs of urchins eggs and blood sera retrieved from Thor-Abel rocket in 1959.*

weightless confines needs to be effectively studied—not only in relationship to the ambient air, but also its reaction on intrapulmonary epithelial tissues. The candle, or any kind of gas flame, will not burn, the reason being, of course, that heated combustion products, which under ordinary terrestrial conditions rise high since they are lighter, will remain in the immediate vicinity of the flame and extinguish it. There is no natural convection in a space ship although some diffusion of gases takes place slowly. If an individual insisted upon having an open flame, which might not be the wisest thing to have in the closed ecological system of the space ship, he would be required to supply a continuous jet of oxygen to the burner. Electrical heating devices are the best solution under the special condition of weightlessness. There is also the danger of dust particles floating around and not settling down. This alone constitutes a health hazard. Proper filters will have to be used.



*First stage booster of Saturn C-2 with cluster of eight rocket engines having a combined thrust of 1,500,000 lbs. on test stand at Marshall Space Flight Center (Director, Wernher v. Braun). Decibel recording has been as high as 170 at a distance of 1,200 ft. Firing at high humidity shatters windows 20 mi. away. Booster with 12,000,000 lb. thrust planned.*

In the weightless state again, the constituents of the air, oxygen, nitrogen, carbon dioxide, and helium will not have the usual homogenous composition thereby interfering with proper absorption in the blood stream through the alveoli of the lung. The danger of ionization of particulate gaseous elements of the ambient air constitutes a problem that must be coped with, since we must not forget that the space ship is subjected to both wave and particle radiation as found in space. The ambient air must be made to supply a homogenous texture to the valuable supply of life-supporting air. This should be done to prevent electrostatic forces from attracting charged particles of air to the walls of the space ship. The space ship itself, for best protection, should be maintained in a state of neutrality from an electromagnetic standpoint. This is a very serious problem. Whatever clothing is to be worn must be able to cover the body properly taking into consideration the loss of gravity to keep it in place, as in the case of women's apparel.

The idea of creating artificial gravity is attributed to K. E. Tsiolkowsky, who advanced the idea of rotating the artificial satellite as far back as 1895. Oberth in 1923 suggested the use of special drugs to maintain normal activities of the human organism under the condition of weightlessness.

Relative to creating artificial gravity within the toroid structure of a space ship, it is interesting to note that a free-falling object will pursue a straight path determined by the tangential velocity at the moment of free falling. This is of course relative to an inertial system outside the satellite. If viewed by an observer within the satellite, the path will not coincide with the vertical; the object falls "in curvilinear fashion". Within the satellite a crew member or passenger will experience weight changes exactly *opposite* to those that take place (of which he has no sensation) at the earth's surface if he is traveling east or west as mentioned earlier. This is, in general, the Coriolis effect. In other words, by walking in the opposite direction against the motion of the rotating structure he will weigh "less" than he did before.

Furthermore, our subject will experience changes in the body positions while walking within the satellite. The visual graviceptive and semicircular sensory information are bound to be conflicting particularly when the floor of the satellite is kept flat or follows the designed curvature. Again, when the head is rotated around an axis not parallel with the axis of a satellite, "false impulses" will be provoked in the semicircular canals creating a peculiar tilting sensa-

tion and reaction. All these reactions are dependent to a great degree on how large a diameter the satellite has; the magnitude of the physical effects is proportional to the angular velocity of the satellite. In other words, the greater the circumference of the satellite the less the undesirable physiological effects.

It is interesting to note some of the observations that have been recorded in reference to body metabolism. Experiments over a period of seven days with a human subject submerged in water up to his chin, temperatures carefully controlled at 91.4°, and leaving the tank one hour every day still clad in a rubber skindiver's suit, brought forth some rather disturbing results. While the subject had the sensation of floating in water, he noticed when getting out day after day that he was becoming progressively weaker. He also noticed a decreased ability to concentrate and increased fatigability. He had to exert greater effort to stand and to walk during that one hour period, so much so that it was a great relief for him to return to his tank of water whereupon these symptoms disappeared. Only one hour of sleep was all that was required in each 24 hour period. Electroencephalographic tracings revealed that most of it was light sleep with only a few bursts of moderate sleep and very infrequent 10 to 20 second periods of deep sleep. There was a marked decrement in skill performance, determined by comparison of pre-and post-experiment tests on the psychomotor. His caloric intake per day during the week long experiment ranged from 1700 to 1900 calories and consisted of liquid high protein, low residue diet (along with water and chocolate) before the experiment to stabilize metabolic functions and reduce the amount of feces. The nutrition was sipped four times daily. Following these experiments there was a sharp reduction to his tolerance of increased gravity. This meant that he could not withstand the usual 4 to 6 g's and would black out sooner than expected at a much lower g level.

Of special interest is that the loss of muscular weakness and atrophy, which the candidate observed, was real. This was further supported by laboratory findings of increased excretion of calcium and phosphorous as well as nitrogen compounds. Furthermore, X-rays of his wrists and ankles, where bony demineralization first becomes apparent, accounted for the loss of calcium.

These are the principle changes observed to date that seem to emphasize that man on his way to a planet must be subjected to the normal gravity of 1 g, as he experiences on earth, to be well and function normally in his endowed organic state.

From a physical standpoint, the average person today is lazy. He chooses elevators to stairs. He even prefers floating in a tank to standing or walking. This reminds me of the saying, "Don't walk if you can ride, don't stand if you can sit, don't sit if you can lie down, and if you get the urge to exercise—lie down until it passes off."

All living things we know of are a function of our earth's gravity. All particulate forms of matter and the constituents of the non-corpuscular (wave) elements of sound, visible light, and the entire electromagnetic series are subject to cosmic gravity, the exact nature of which remains to be discovered.

We know something about the growth of organisms as existing on our terrestrial planet. This growth is always directional and three dimensional. How these same organisms act in a state of weightlessness has only during the last few years begun to arouse interest. Whether life exists in extra-terrestrial domains is still speculation and any academic discussion of this subject lies beyond the scope of this presentation as well as the various problems within the cross-marriages of the multitude of natural and physical sciences that concern life in Space Exploration.

From observations and experiences in these sciences, we are learning more and more of man's weaknesses. These may appear insurmountable, but in time there will be an answer so that Tsiolkowsky's prophecy that "the Earth is the cradle of the mind, but one cannot live forever in a cradle" will one day be fulfilled.



## Dentist Sinks Teeth Into Plastic Surgery



DR. AND MRS. CLARK

Dr. John W. Clark, class of '55, not only has followed a tradition—he's surpassed it. His late father, grandfather, and great grandfather were physicians. He is a dentist, surgeon, and soon will be certified as a plastic surgeon.

Now completing his second and final year in a residency in plastic surgery at the Allentown [Pa.] Hospital, Dr. Clark is one of about 100 doctors in the nation who have earned both dental and medical degrees. His dual training ultimately will represent 17 years of study at college, medical schools and hospitals.

Undismayed that his dental training would not be credited toward his medical aspirations, Dr. Clark made his decision to study medicine after practicing dentistry three years. "I had a great desire to become a medical doctor and eventually a surgeon," he explains.

A graduate of Haverford College and the dental

*Photo & extracts—Courtesy of the Call-Chronicle Newspapers, Inc., Allentown, Pennsylvania—from a recent article by Steve McNey.*

school at the University of Pennsylvania, his re-entry into professional studies at New York Medical College resulted in good-natured chiding from fellow students.

"They used to call me 'mayor' because of my previous training," he recalled. "But that training helped me wade through the branches and get to the trees more quickly."

Dr. Clark has but a few months to complete his two year residency. To attain eligibility he first completed a three year residency in general surgery at the Allentown Hospital.

The son of a famed researcher, Dr. Herbert C. Clark, the surgeon was born in the Canal Zone where most of his father's work was centralized. A girl born in that same Canal Zone hospital, six weeks after Dr. Clark, became his high school and college sweetheart and, eventually, his wife. Memories of the Canal Zone still are clear to Dr. Clark even though he hasn't returned since graduating from a U. S. Government high school there. Foremost among those recollections are jungle and camping expeditions on which he accompanied his father on research trips.

Mrs. Clark, whose father was a U. S. Government chemist in the Canal Zone, was enrolled in the University of Pennsylvania's school of fine arts while the doctor was a student at Haverford College. A member of the Pennsylvania Guild of Craftsmen, she has furthered her career by entering the commercial art field.

Dr. Clark and his family will move to Hagerstown, Maryland in July where he will open a practice after he completes his training in Allentown.

Their three children talk constantly about the move, but the second youngest, David, already is talking about something else.

He wants to become a doctor.



## 'KNIGHTS OF THE SCALPEL' HOLD ANNUAL MEETING

On the evening of October 11, 1960, during the meeting of the American College of Surgeons, the KNIGHTS OF THE SCALPEL (Uncle Joe Fobes Surgical Group) held their annual dinner in the Conquistador Room of the Mark Hopkins Hotel in San Francisco.

"The Knight of the Scalpel for the Year 1960," Dr. Fobes informs us, was Roger Paullin, who returned recently from the Congo where he worked as a volunteer surgeon from Canada.



Pictured above (seated l. to r.) are: Mrs. Herbert Schulte, guest; Mrs. Alan Bassett; Mrs. Fred Menick; Joseph H. Fobes (Uncle Joe), and Mrs. Fobes. Standing (l. to r.) are: Elias Lawrence '40, Paterson, N. J.; Alan Bassett '46, Toronto, Canada; Marvin Rosenberg '46, Passaic, N. J.; Fred Menick '49, Portchester, N. Y.; and Herbert Schulte, guest, Newark, N. J.

Also present at the dinner were: Lawrence Rivkin '50, San Francisco, Calif.; Roger Paullin '48, Montreal, Canada; P. Lanfranchi '47, and wife; Lorne M. Phillips '48 and wife; and Henderson Nevado.

CALL therefore a complete and generous education that which fits a man to perform justly, skillfully and magnanimously all the offices both private and public of peace and war.

—JOHN MILTON

## DR. WARPICK '25 ELECTED PRESIDENT OF LOCAL SPEBSQSA CHAPTER

Doctor Matthew Warpick, class of '25, has been elected president of the Manhattan Chapter of the Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America, Inc.

The Society's affairs are in the hands of business and professional men from every walk of life and has done a man-sized job in carrying out its motto "Keep America Singing," in addition to appearing publicly for many worthy causes including hospitals and charitable institutions.

The "Gay Blades" quartet, of which Dr. Warpick is a member, will entertain at the *Annual Groundhog Day*, on Tuesday evening, February 28th. The Society sings nostalgic tunes of the Gay 90's and it has both chorus and barber shop quartet numbers. (The local chapter meets each Tuesday evening, at 7:30 P.M., at the National Republican Club in Manhattan to sing barber shop harmony and cordially welcomes guests.)

Dr. Warpick notes: "Call it 'barbershop' if you will, but don't discount it; its great entertainment, and its here to stay!"



(l. to r.) Lead—Thomas E. Duffy, Credit Manager, Tidewater Oil Co.; Baritone—Matthew Warpick, M.D., class of '25, NYMC; Tenor—J. Bradford Knight, Credit Manager, Shell Oil Co.; Bass—Albert Ouzoonian, Court Officer, Bronx County Supreme Court.





#### FIRST YEAR

"While the first year might be subtitled the Year of Anatomy, it might just as readily be thought of as the Year of Transition and Conflicts. The student quickly passes over the initial shock upon realizing that greater demands than he has ever known will be made upon him, but adjustment is difficult in the face of

almost overwhelming exactions. His world is a hazy hodgepodge of books, brainstems, and beer cans. The subject matter is not so difficult *per se*, but the scope appears so vast that life seems even shorter, and the art even longer than Hippocrates himself could have envisioned."

## The Study of

Years I to

Drawings by V. Robert Allen

The still life drawings reproduced on these pages symbolizing four years of medical Curriculum at New York Medical College, Flower and Fifth Avenue Hospitals, were the creation of Dr. V. Robert Allen of the class of 1959.

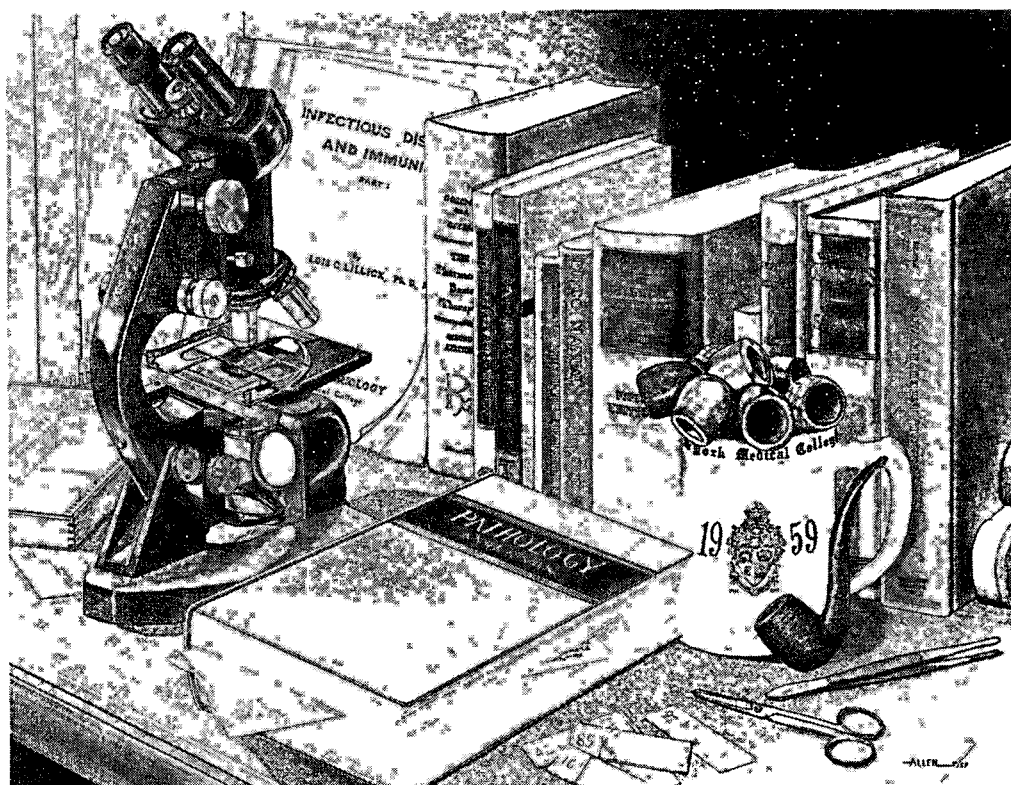
Presently a Fellow in Internal Medicine at the Lahey Clinic in Boston, Dr. Allen received his B.S. degree from Queens College in 1952; served with the U. S. Army from 1952-1954; received his A.M. degree (Comparative Anatomy) from Harvard University in 1955; and completed his professional training at New York Medical College in 1959. Dr. Allen interned at Fitkin Memorial Hospital in Neptune, New Jersey, and will shortly commence studies in Adolescent Medicine at the Adolescent Unit of the Children's Medical Center in Boston.

Self-taught as far as drawing is concerned, Dr. Allen enjoys doing medical illustrations as well as other forms of art.

Following are Dr. Allen's comments

#### SECOND YEAR

"This year is perhaps the most formidable of all. It might easily be titled the Year of the Microscope, or the Year of Pathology, and these ideas dominate the composition. The sombre tones of the drawing suggest the long evenings of study, only rarely punctuated by a fraternity smoker. Lest the student stray too far from his work, however, attention is called to the ominous bookmark in the Pathology textbook, the dread letter from the Department—a more compelling stimulus than the ancient gadfly.



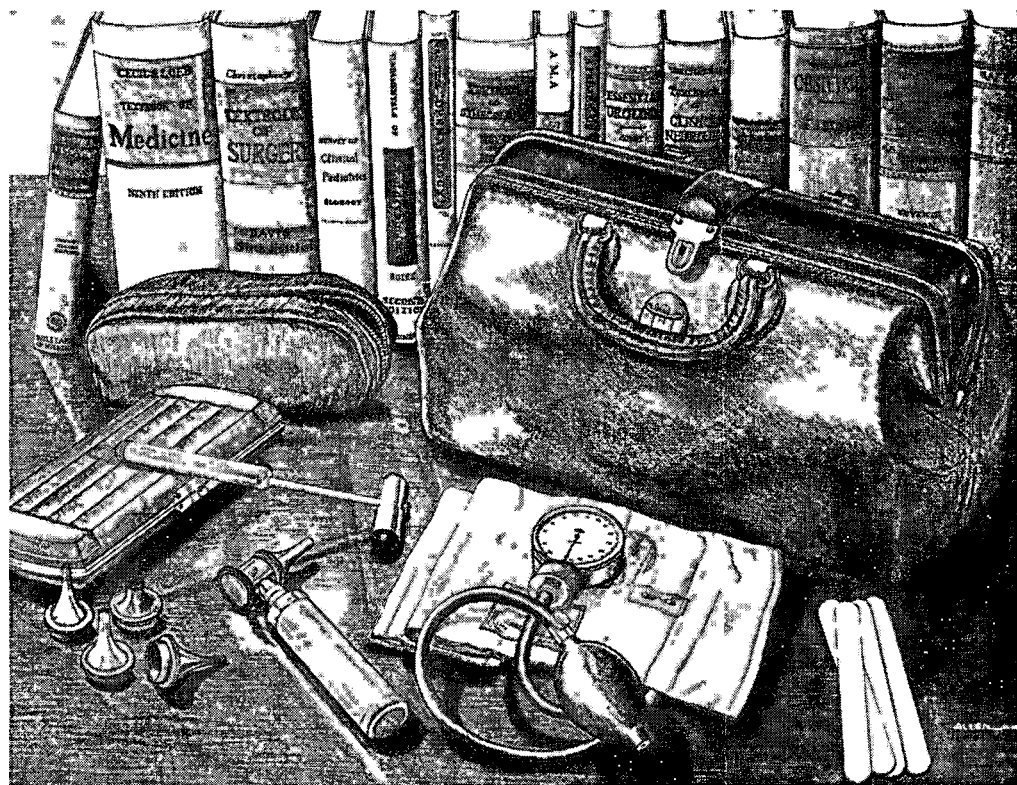
# of Medicine

Years I to IV

Robert Allen, M.D. '59

and a brief explanation with each drawing:

"As each year came to a close, an attempt was made to portray some of the experiences of at least one aspiring doctor. The concept propounded by George Bernard Shaw in his provocative play, 'The Doctor's Dilemma,' that there is a gradual transition from the untidy medical student to the considerably more meticulous physician, has been suggested in the drawings. The compositions become increasingly simpler and less cluttered in the later years. The occasional touches of whimsy which have somehow invaded the austere subject matter are not intended to disparage the redoubtable sobriety of medical education; rather, they are meant to emphasize the warmth with which the four years at Flower are regarded—a feeling which it is hoped will be evoked by these drawings in all physicians as they recall their own student days."



## THIRD YEAR

"A sigh of relief is breathed by all who achieve the third year. This year, aptly named the Year of the Little Black Bag, represents a milestone. Past are the long academic hours in classroom and laboratory; ahead lies the promise of the clinical

years, represented by the shiny new medical equipment, laid out in impressive array, and now the textbooks are relegated to the background, although still presenting an imposing bulwark of basic knowledge which must be mustered."



## FOURTH YEAR

"The stethoscope, that symbol of the Practice of Medicine, has been conspicuously absent from this series until the last. The fourth year might be called the Year of the Stethoscope, for it is only then that one really learns how to use it while assuming the role of a physician in a hospital. Herein we note some of the problems confronting the student intern: the selection of an internship, the approaching National Board examinations, and the discovery of the overwhelmingly vast array of periodic medical literature. There are still trying moments, such as the emergency admission requiring a *stat* hemoglobin determination at 2:00 A.M.; one learns to live with the relentless demands of the telephone, and gradually to appreciate the tenets handed down from the cult of Esculapio and the Hippocratic school." —VRA



## A Letter From the Donaldsons

WE have been impressed recently with the fact that to our American friends Africa is no longer the slumbering dark continent. Africa today is awake. Unrest here receives coverage in almost every popular magazine at home, and is headlined in even the small-town papers. Riots in Bulawayo and Salisbury are becoming as well known to you as those in Little Rock were not long ago. The balance of power in the Congo sways back and forth with a Gilbert and Sullivan air; it would be humorous were the consequences not so serious. More than ever we realize what a tight little community the entire world has become, and how much now local happenings involve us all, everywhere.

We have been touched by the concern many of you have shown for our safety, and for the on-going of the work being done here. First of all may we reassure you that we have been in no way involved physically in any disturbance, and find it impossible to conceive of being in any personal danger where we are in Southern Rhodesia. Out here in the country, where everyone knows everyone else personally, nothing is further from people's thoughts than rioting. A crisis here continues to be epitomized for me in unexpected company for dinner. Frank continues to be very busy with his medical work and the many day-to-day activities of the hospital and mission—and we have to listen to the radio, as you do, to know

what is going on in Africa and the Federation as a whole.

On the other hand, we have been involved in the sense that we have felt a very real concern with all those here who in the last months have become increasingly alarmed, angry, and frustrated. Certainly, events such as the present turmoil in the Congo give us an increasing feeling of urgency in the mission's work, particularly in the matter of training Africans for responsible leadership—as many as possible to as high a level as possible, as quickly as possible. And even more important is to encourage deeper, richer, fuller Christian commitment in these leaders, and in the community as a whole.

We wish we could give you a succinct account of the present and future of Southern Rhodesia, but, as you can appreciate, it is frequently hard to know from one day to the next what turn events will take. The recent riots came as a great shock to most white people living here in traditionally quiet Rhodesia. On one hand one hears of increased efforts to implement the long-talked-of principle of partnership between white and black, while on the other many can foresee only deeper and deeper entrenchment of attitudes of hostility and defense on the part of the whites. We can only hope that the sane and temperate voices, which are many, both white and black, will be able to control the underlying bitterness and direct change into constructive channels. For certainly, potentially at least, Rhodesia with a working

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*Doctor John F. Donaldson '54, a native of Jamaica, New York, writes from the Willis F. Pierce Memorial Hospital, Mount Selinda, Southern Rhodesia, where he is serving as a medical missionary.*

and real white-black partnership could become the jewel of emerging Africa.

On the lighter side, we—all four Donaldsons, with Mrs. Rudolph, a visiting nurse from Nebraska—recently took a restful and refreshing month's holiday. We circled Southern Rhodesia, visiting primarily Victoria Falls and the Wankie Game Reserve. The magnificence of Victoria Falls is difficult to imagine, a cascade one full mile in length, left as natural and untouched as possible. One discovers the falls today as Livingstone first saw them a century ago. No billboards, no railings, no hot dog stands, hardly even an electric light at night in the proximity of the falls. Victoria Falls is truly one of the natural wonders of the world, as are the Grand Canyon and Yosemite.

Quite unexpectedly, Wankie provided us with our first real adventure with a wild animal, an elephant. In the game reserves African wild life, which is disappearing quite rapidly elsewhere, roams unmolested. Except for wardens and keepers, human residence in these vast tracts of land is prohibited. The only contact humans have with these areas is by observing game in the natural state along a dirt road which passes through.

We were traveling relatively fast, close to the 25 m.p.h. speed limit of the Reserve, through an area of dense and high brush. Unknown to us, a herd of elephants was also making its way against us through this brush, creating so much noise in toppling trees and stamping brush as not to hear our car, and so covered by brush as to be unnoticed by us.

Suddenly, right before the car, emerging from the brush a few feet ahead of us there appeared an elephant head—tusks, trunk, eyes, ears, and all. Had there been time to worry about it we would have been most frightened; for an enraged elephant hit by a car could easily sit upon it or throw it about like a ping-pong ball, aided by any number of his friends. But fortunately Jumbo saved the day for us. In what appeared to be a fright, he threw his head and trunk upward, and maybe his feet—we don't quite remember—and we passed safely by underneath. Once we had passed by Frank wanted to go back to take some pictures, but this time he was outvoted.

Besides elephants we did see lots of game in Wankie, all in the wild—herds of giraffe and zebra, os-

trich, crocodile, impala, and many others. Although we missed seeing the lions that day, we felt the trip most worthwhile. For the remainder of our vacation we stayed at the Grants' house in Salisbury while they were away. Jack Grant is our mission's field Secretary.

For those of us who are parents, how quickly a year in the life of a child passes by! Jonathan at two has decided to give up his private vocabulary known only to himself, and to begin to speak the king's English. "Bye bye, moo," and "bye bye, hoesh," he says as we pass cows and horses on the road. He loves a good laugh, and as much provoking one. He enjoys people, and takes it upon himself to wander off now visiting our neighbors and their neighbors any time of day. His most recent friendship is with a baby goat we have in the yard. Rachel, as she approaches one, is a playmate of sorts, and will be more so as she grows older. Her immediate efforts are being spent in learning to walk. Each step taken on her own gives her much glee.

Recalling our last letter, you will be interested to know that Clara, the little premature orphan whom we cared for at home for a while, is now over nine pounds, a chubby little girl with fine features. Mrs. Nine, the lady who had to have so much of her intestine removed, continues to gain weight slowly, weighing now eighty-nine pounds. She lives a fairly normal life caring for her numerous children at home, coming to the clinic every few weeks for checkups.

As we write this letter, spring here, promising summer, is in full bloom, and shortly the rainy season will be arriving. For you at home the days are becoming brisk, and the landscape, promising winter, filled with autumn's splendor. At this time of year our thoughts frequently turn homeward, and with them our warm wishes, and regrets, for friendships which now must be continued by mail.

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DEFER not charities till death; for certainly, if a man weigh it rightly, he that doth so is rather liberal of another man's than his own.

—FRANCIS BACON

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## DR. TOKAR '42 HEADS MONTCLAIR STAFF

Dr. V. Raymond Tokar, class of '42, was recently elected president of the active staff of the Montclair [N. J.] Community Hospital at their annual meeting.

Dr. Tokar has just completed a term as vice president of the medical staff and is attending ophthalmologist. He served in the U. S. Army Medical Corps as a captain in the European Theater of Operations, after which he completed post graduate work in ophthalmology. Dr. Tokar also served at the Christie Clinic in Champaign, Illinois, for six years as an associate in ophthalmology.

A diplomate of the National Board of Medical Examiners; diplomate of the American Board of Ophthalmology; member of the American Medical Association, Essex County Medical Society and other professional organizations, Dr. Tokar has been a member of the medical staff at the hospital since 1954 and resides with his wife and daughter at 28 South Mountain Avenue in Montclair.

## DR. FEIT EXHIBITS AT AMA ANNUAL CLINICAL MEETING

Louis Joel Feit '34, president-elect of the American Otorhinologic Society for Plastic Surgery, reported on otoplasty in a scientific exhibit at the clinical meeting of the American Medical Association in Washington in December.

Called "Correction of Deformed 'Springs' of the Ear," the exhibit reviewed progress in otoplasty since early technics, analyzed the anatomic physiology of the ear, and offered a new concept of a system of four distinct cartilagenous "springs" responsible for the resiliency and appearance of the outer ear. Dr. Feit reported simplified surgical technics for correction of the most common deformities as well as a new diagnostic approach based on the various angles between parts of the ear and the ear and the head. Life like models of the ear were shown and photographic illustrations of a number of cases were presented.

Dr. Feit is presently with the New York Polyclinic Hospital and Medical School and is co-director of the department of plastic surgery.

## ALUMNI DEATHS

JAMES MOSELEY GATES '98, Raleigh, North Carolina; died on September 20, 1960.

\* \* \* \*

FRANK PARKER EKINGS '03, Altadena, California; formerly practiced in Paterson, New Jersey, where he was on the staffs of the Paterson General, Barnert Memorial, and St. Joseph's hospital; died on August 20, 1960, aged 82, of chronic pyelonephritis.

\* \* \* \*

JOHN STROTHER GAINES, 2d '03, New York City; an eye, ear, nose, and throat specialist, died in his home on October 8, 1960 after a long illness. He was 81 years old. Dr. Gaines had been a professor and surgeon at the New York Ophthalmic Hospital for thirty years. During World War I he served with the Naval Reserve Medical Corps. Survivors include his widow, the former Edith Livingston; a son, John S. 3d; two sisters, and two grandchildren.

\* \* \* \*

ARTHUR WHITTON BUELL '08, Long Beach, California; associated with the Seaside Memorial, St. Mary's Long Beach, and Long Beach Community hospitals; trustee emeritus of the Occidental College, Los Angeles, where he served for many years on the board of trustees; died in the Memorial Hospital of Long Beach on September 4, 1960, aged 80, of hemorrhage from gastric ulcer.

\* \* \* \*

WILLIAM FRANCIS BRODHEAD '11, New York City; a veteran of World War I; died on July 23, 1960, aged 72, of heartfailure.

\* \* \* \*

MICHAEL SHANDER '13, New York City; died in the Mount Sinai Hospital on July 8, 1960, aged 70, of basilar artery insufficiency and generalized arteriosclerosis.

\* \* \* \*

CARROL ECKLE KRICHBAUM '15, Terry, Mississippi; veteran of World War II; died in the Veterans Administration Center in Jackson, July 23, 1960, aged 70, of exsanguinating hemorrhage due to lack of arterial anastomosis.

\* \* \* \*

HERMAN H. OFSEUR '21, died on August 16, 1960, at 69 years of age.

\* \* \* \*

FREDRICK FISCHER '30, Miami Beach, Florida; veteran of World War II; died in St. Francis Hospital on August 29, 1960, aged 53, of aortic aneurysm.



# Class Notes

NAME \_\_\_\_\_ Year \_\_\_\_\_

Letters, class notes, news items and articles for publication in the next issue of The Chironian should be signed and mailed to:

Editor, THE CHIRONIAN  
ALUMNI ASSOCIATION  
NEW YORK MEDICAL COLLEGE  
1 East 105th Street  
New York 29, New York

## NOTICE OF ADDRESS CHANGE

Name \_\_\_\_\_  
(Please Print)

Year \_\_\_\_\_

New Address \_\_\_\_\_

\_\_\_\_\_

Date effective \_\_\_\_\_

# CLASS NOTES . . .

'01 Joseph H. Fobes  
1 East 105th Street  
New York 29, New York

'04 Louis R. Kaufman  
30 Central Park South  
New York, New York

'15 Cassius Lopez DeVictoria  
245 East 17th Street  
New York 3, New York

'24 Anthony G. Sabin has located his new residence and office at 19 Hampshire Road, Dutchess Park in Fishkill, New York.

'25 Matthew Warpick  
600 West 138th Street  
New York 31, New York

'29 Halley H. Friederwitzer  
2080 Grand Avenue  
Bronx, New York

Halley Freiderwitzer, who recently submitted his report "Smallpox . . . Virus . . . Cancer" to the National Institute of Health at Bethesda, Md., and to the Research Institute of the University of Pittsburgh, writes that among the class of 1929—for a small class—there are enough physicians, in varied specialties, to "run a hospital by itself and probably take care of a small city too". In covering class news, Dr. Friederwitzer writes:

"Oscar Auerbach has been splashing the newspaper headlines with his proofs that 'Smoking is a direct etiology of upper respiratory cancer'. His electronic microscope plus his thousands of slides are proof to back up his statements. He's not obstinate—just foolproof!

"Phil Polatin has just been made clinical professor of psychiatry at Columbia's P. & S. Phil has been doing a good job straightening out this crazy world."

Alfred E. Passera has recently been appointed consultant in medicine at Queens Hospital Center. Dr. Passera will continue as attending physician at St. Johns Hospital in Long Island City and as chief of medicine at Astoria General Hospital.

'30 Saul A. Schwartz  
1882 Grand Concourse  
Bronx, New York

'31 Harry Barowsky  
246 West End Avenue  
New York, New York

Nat Kanner writes that he and Henry Eisfelder were certified, in 1960, as diplomates of the American Board of Homeotherapeutics. Dr. Kanner had an article on "Homeopathy" published in the October 22, 1960 issue of the JAMA. Dr. Kanner also writes that those alumni who wish to become a member of the New York State Homeopathic Medical Society may write to Dr. Eisfelder, secretary of the society, at 192 Garden Street, Roslyn Heights, New York.

Harry Barowsky read a paper at the American College of Gastroenterology in Philadelphia on October 24, 1960, entitled "An Evaluation of Change and Progress in Gastroscopy."

'32 Leon Paris  
2685 Creston Avenue  
Bronx, New York

'33 William Kropf  
2073 Davidson Avenue  
Bronx 53, New York

'34 George R. Nagamatsu  
121 East 60th Street  
New York, New York

'35 Roy E. Wallace  
32 Cayuga Street  
Seneca Falls, New York

Arthur A. Michele presented an exhibit on the Iliopsoas (Developmental Anomalies in Man), at the American Medical Association Clinical meeting in Washington, D. C., during the week of November 28th.

His recent publications include: "The Iliopsoas Muscle," Clinical Symposia, Ciba, June-July-August, 1960; and "Determination of Sciatic Nerve Tension," *Postgraduate Medicine* November, 1960.

'36 Anthony J. Maffia  
1123 Park Avenue  
New York 28, New York

'37 Peter Bisconti  
1070 Park Avenue  
New York, New York

Elias Livingston writes:

"My son Peter was recently accepted for admission to New York Medical College for September, 1961. I believe Pete will be the first son of a class of '37 alumnus to be entered."

Dr. Livingston, who practices obstetrics and gynecology in Irvington, New Jersey, is looking forward to the 25th year class reunion.

'38

Lyman J. Spire  
901 Harrison Street  
Syracuse 10, New York

'43

Howard B. Rasi  
139 Clinton Street  
Brooklyn, New York

Seldon T. Williams, Jr. writes:

"In every issue of *The Chironian* I look for news of some of my classmates, but to no avail; therefore, in an effort to start a trend for more class news for the class of '43 (Dec.), and also to see my name in print, I submit the following:

"I am busy in general practice in the small town of Attica, New York, which is about 30 miles east of Buffalo. This village owes its fame to having the largest prison (of which I am senior physician) in the state.

"Practice in this community has been very rewarding and I would recommend it to anyone who is wondering where to set up stakes.

"I spent a few days this summer visiting with my brother-in-law, George Green, in New Jersey, in return for a visit from him. Howie Winkler stopped thru here several years ago on a trip to New York.

"This is beautiful country here in the summer, and if any of you are passing thru next summer, you are cordially invited to spend a while with myself, my wife, and four children.

"May this note be a stimulus for more news for the class of Dec. '43."

'45

Edward J. Nightingale  
12 East 87th Street  
New York, New York

Edward H. Mandel participated in a symposium on Dermatologic Problems on Compensation, which was held at the New York University Postgraduate Medical School on October 17, 1960.

Mildred S. Seelig was recently appointed Associate Clinical Pharmacology Director in the Clinical Research Department of the Squibb Institute for Medical Research. Dr. Seelig also holds the M.P.H. degree from Columbia University, School of Public Health, having specialized in public health administration and epidemiology. Prior to joining Squibb, she worked for the New York City Health Department and in private industry.

'46

C. Donald Kuntze  
4 East 88th Street  
New York, New York

'47

Herbert M. Eskwitt  
59 State Street,  
Teaneck, New Jersey

Jules C. Ladenheim was guest speaker at a recent meeting of the Hudson County Bar Association in Jersey City, New Jersey. Dr. Ladenheim spoke on "whiplash injuries."

'48

Alvin Donnenfeld  
106 East 78th Street  
New York, New York

Alex Sahagian Edwards has been invited to join "Project Hope" in southeast Asia for a three month period. The program consists of a 250 bed hospital-ship that will visit Indonesia and Vietnam for the purpose of medical education. The S.S. *Hope* is a recommissioned navy hospital-ship with three operating rooms, a fully equipped X-Ray unit, and modern laboratory facilities. "Project Hope" is supported by voluntary contributions and is sponsored by the People to People Foundation, Washington, D. C.

John Siudmak was elected a Fellow of the American College of Surgeons at their recent meeting in San Francisco. Dr. Siudmak has been practicing in Montclair, New Jersey for the past five years and is associated with St. Vincent's, Mountainside, Community, and Clara Maass Hospitals.

A member of the Essex County Medical Society and the American Medical Association, Dr. Siudmak is married to the former Jane Lampart, of New York. The couple have three children and reside in Bloomfield, New Jersey.

'49

Laura G. Morgan  
21 Bridge Street  
Stamford, Connecticut

'50

David Plotkin  
495 Merrick Road,  
Massapequa, New York

Saverio S. Bentivegna is presently on the surgical staff at Flower and Fifth Avenue Hospitals, instructor in the Department of Surgery, and surgical health officer in the student and employees health department. In 1957, Dr. Bentivegna entered the U. S. Army Medical Corps and obtained his boards in General Surgery while in the service. He recently became a Fellow of the American College of Surgeons.

Dr. Bentivegna was married to the former Patricia Connelly (a graduate of Flower and Fifth Avenue Hospitals School of Nursing) in 1955. The couple are the proud parents of two boys, Peter, 2½ years old, and Michael, 9 months, and reside at 6034 Tyndall Avenue, Riverdale, New York.

Robert L. Samilson, Diplomate, American Board of Orthopedic Surgery; Fellow, American Academy of Orthopedic Surgeons; member, Western Orthopedic Association; and a Fellow, American College of Surgeons, is presently teaching in orthopedic surgery at the University of California and Stanford University.

Dr. Samilson was awarded a certificate of merit (1st prize) for an exhibit on Shoulder Orthography in the orthopedic section of the AMA meeting in Miami this past June.

Dr. Samilson writes: "Love living in the Bay Area. Four red-headed daughters, Kathy, Linda, Leslie, and Terry. Hobbies—hunting, fishing, opera—all the advantages of city and country activities in the wonderful northern California climate. Delighted to see Alice Macaulay at the Miami meeting."

"Best to all of my misguided classmates who chose to remain in the East. But don't come West—it's getting crowded."

'51

George M. Massell  
43 West Front Street  
Red Bank, New Jersey

John K. Butler was certified by the American Board of Pediatrics in May, 1960.

10th Anniversary Reunion, June 3rd — Hold the Date. Further Details Forthcoming.

'52

Victor Goldin  
171 West 79th Street  
New York, New York

Robert E. Mulholland, director of anesthesia at St. Clare's Hospital in Denville, New Jersey, spoke before a local Parent's Guild meeting about the induction of anesthesia in child surgery and spinal anesthesia.

Edward A. Talmage has resigned from full time faculty of the University of Miami School of Medicine. He has been appointed Chief of Anesthesiology at the new Baptist Hospital in Miami and will continue to be active in faculty activities at the U. of Miami School of Medicine.

Dr. Talmage had a recent paper published: "The Role of Ouabain in Myocardial Insufficiency During Anesthesia and Surgery." Dr. Talmage writes: "Had a fine visit with Jim Benjamin at the A.A.M.C. meeting in Hollywood, Florida this month." "Don Berman has started to practice urology in Miami and is on the staff of the North Shore Hospital."

Gordon Ritchie Smith has been engaged in the general practice of medicine in New Shrewsbury, New Jersey for the past five years. He is currently a member of the New Shrewsbury board of health, school physician, police surgeon, and a member of the advisory board of the Planned Parenthood Federation of Monmouth County. Dr. Smith is on the staffs of the Riverview Hospital and the Monmouth Medical Center.

'53

Robert S. Donnenfeld  
1 Joyce Road  
Hartsdale, New York

Jay P. Sackler is now engaged in the private practice of radiology. His office is located at 168 Clinton Street in Brooklyn.

Morton Schloss has announced the opening of his office for the practice of ophthalmology at 45 East 85th Street in New York City.

'54

Jean A. Krag  
37 Langdon Street  
Cambridge 39, Mass.

Sanford Anzel recently received a Master of Science degree (in orthopedic surgery) from the University of Minnesota for special work done during his fellowship at the Mayo Foundation. He presented a paper on "Acromioclavicular Dislocations—17 Years Experience at the

Mayo Clinic," to the American Orthopedic Association in May. Also, he presented a paper entitled "Experimental Attempts at Construction of Artificial Tendon Sheaths," to the Armed Forces Orthopedic Seminar in Washington, D.C. Dr. Anzel has completed his residency in Orthopedic Surgery and is now at the 837th Tactical Hospital, Shaw Air Force Base, in South Carolina.

Marvin S. Berk is now an instructor in the radiology department at University Hospital, in Ann Arbor, Michigan. In addition to some teaching responsibilities, he is doing the neuroradiology for the department. Dr. Berk writes: "Our family has increased to include David, age 2, and Kenneth, age 1. We are anxiously awaiting a visit from anyone lost in this part of the world. We are always home at 652 Northside Avenue, Ann Arbor, Michigan."

John F. X. Cline is presently serving with the Air Force as Chief of the Allergy Service at the U. S. Air Force Hospital, Andrews Air Force Base, near Washington, D. C. Dr. Cline, whose address is 5528 Maxwell Drive, in Washington, D. C., is married and has two children, Marjorie Marie, 13 months, and John Joseph, 6 weeks.

Herve M. Byron has opened an office for the practice of ophthalmology at Flower and Fifth Avenue Hospitals. He completed his training at the New York Eye and Ear Infirmary in June, 1960 and has joined the staff of the New York Medical College in the department of ophthalmology under the direction of Dr. Benjamin Friedman.

During the past year, he has had two papers published in the *American Journal of Ophthalmology* and two papers published in the *AMA Archives of Ophthalmology*. During October, 1960, Dr. Byron presented a paper at Northeastern Regional meeting of the American Association on Mental Deficiency.

Dr. Byron would like to thank all the members of the class of 1954 who generously made contributions to the Annual Fund during the past year. The response was even greater than that of the previous year. It is hoped that the number of members contributing to this worthy drive each year will steadily increase.

Edward R. O'Keeffe, Jr. has announced the opening of his office for the practice of ophthalmology at 905 State Street, Schenectady, New York.

After completing basic and clinical post graduate studies at Harvard Medical College and Massachusetts Eye and Ear Hospital, he spent two years as an army captain, serving in the South Pacific, and Madigan Army Hospital in Tacoma, Washington.

'55

William A. Stevens  
1630 Ford Parkway  
St. Paul, Minnesota

Donald H. Kaplan has set up his office for the practice of ophthalmology in Groton, Connecticut. Dr. Kaplan writes: "Nancy and I are expecting our second child in March. Best Wishes to all."

Herbert M. Kravitz began residency training in plastic surgery on a newly approved program in Charleston, West Virginia, after completing his preliminary training in general surgery in July, 1960. He now resides with his wife, Bobbie, at 710 Kanawha Blvd., West, Charleston 2, West Virginia.

Marshall A. Taylor has announced the opening of his office for the practice of obstetrics and gynecology in association with George E. Bowles and John Turner in Providence, Rhode Island.

John F. McCarthy has been appointed director of a new outpatient department at the Fuller Memorial Sanatorium in Rhode Island. Last year he directed an outpatient drug unit at the Massachusetts Mental Health Center in Boston. At present, Dr. McCarthy is parole board psychiatrist for the state of Massachusetts and a member of the division of legal medicine. He maintains a private practice in Providence, and is a consultant to the Medical Associates in Pawtucket, Rhode Island.

'56

Stephen N. Rous  
300 16th Street, N.E.  
Rochester, Minnesota

Stephen Rous, class secretary, writes:

"I wonder how many of us realize that five years have gone by since graduation? Tradition dictates that the fifth year class is a re-union class and plans are now being formulated for our first formal re-union dinner since graduation to be held at New York's Plaza Hotel at the Annual Alumni Banquet which is always held early in June. Gerry Shapiro has agreed to act as re-union chairman and will be in touch with all of us regarding details at some future date. Please write to Gerry if you have any comments or suggestions about this Big Affair. He may be reached in care of the Department of Anesthesiology at Flower and Fifth Avenue Hospitals.

"One of the nice things about the Christmas season is that it seems to lubricate the pens of our class and helps to promote correspondence with your secretary. Would that Christmas came every three months—it would make our job much easier!

"We had a nice long letter from John Emerson's lovely wife, Mickey, in which she says that John is now one of three staff ophthalmologists at the Oakland (Calif.) Naval Hospital and is actively enjoying his two year stint of duty. Little John is now a year and a half and baby No. 2 is expected towards the end of January. The Emersons' address is: 4826 Dunkirk Avenue, Oakland 5, California.

"Frank and Plus Hall, whom we have been vainly trying to locate at their last known Milwaukee address, write to say that they are at St. Francis Hospital in Hartford, Connecticut, finishing up the residency program in surgery.

The Halls' address is: 81 A Loomis Drive, West Hartford, Connecticut.

"The Bradleys and the Bamfords are at the Naval Air Station in Patuxent River, Maryland, and their addresses are as follows: Bradleys, MOQ 930D, NAS, Patuxent River, Md. Bamfords, MOQ 911A, NAS, Patuxent River, Md. A personal question from your secretary to the Bradleys: "Who wins the champagne this year?"

"Don and Judy Peck spent the Christmas holidays in the East by asking the Navy for a temporary assignment to the Bethesda Naval Hospital (Don is regularly a Fellow in surgery here at the Mayo Clinic). While there, they met and spent a good deal of time with Dave and Miriam Stein, also stationed (on active duty) at the Naval Hospital in Bethesda. Dave, in his inimitable good style, described himself as 'Chief of Allergy for the whole Navy,' and apparently is quite happy."

"The Degnans have another year and a half left in internal medicine at New York's Roosevelt Hospital. They have just moved to: 105-10 65th Avenue, Forest Hills, New York.

"A nice letter from Martin Floch tells us that he and his wife had their second child, Craig Lawrence, born last December 14. Marty is at present on active duty at the U. S. Army Tropical Research Lab in San Juan, Puerto Rico, where he is serving as ward officer on a metabolic ward. Marty lists three papers which he has had published in the past year. Future plans call for a return to the Metropolitan New York area to practice gastroenterology in 1962. Thanks for the news, and well done on those publications!

"Dick and Ollie Babcock's address continues to be 1827 18th Loop, Sandia Base, Albuquerque, New Mexico, and will stay there until this July 1st, when they plan to go to Salt Lake City to continue their residency in obstetrics and gynecology.

"We understand that Jim Halloran and his wife, Eileen, now have a little girl named Mary Theresa. No more details than this are known, but if Jim would like to send them along to us, we'll put them in the next *Chironian*.

"Dick Redvanly and wife have taken up permanent residence at 197 Huguenot Drive, Mastic Beach, Long Island, where Dick also has his office located. He has gotten practicing privileges at both Bayview General Hospital and Brookhaven Memorial Hospital.

"We hear from Naomi Goldstein that she has opened her office for the practice of psychiatry at 50 East 10th Street in New York City. Naomi also mentions that she and her husband have also had their first child, Sarah, born last September 20th.

"Richard Green has opened his office for the practice of dermatology at 50 Park Avenue, in New York City.



"We had a pleasant note from **George DeGuire** who tells us also that he has just opened his office for the practice of obstetrics and gynecology located at 45 East 62nd Street in New York City. Speaking purely as a friend, your secretary would like to offer his best wishes to all those who have recently opened an office.

"**Jones Flanagan Rutledge**, old friend. In five years, we've not heard a word from you. Please write and tell us the word from wherever you are!

"To everyone, drop us a line from time to time. It makes for more interesting alumni column."—SNR.

'57

Joseph A. Intile  
1710 Noyes Lane  
Silver Springs, Mr.

Joseph A. Intile, Jr., class secretary, writes:

"In just a few short months it will have been four years since we were last together as a group. In looking back over this period of time, much has happened to all of us. Indeed, some are in private practice already. The most striking changes that we have been made aware of however, have to do with marriages and children. It's always a pleasure to receive news from and about members of the Class, and the Christmas Season, through the medium of greeting cards, provided an excellent opportunity to do just that.

"1960 was the first year since 1955 that didn't see a new Intile come into the world. With only about six months left in the residency, we're anxiously awaiting 'orders' to find out where we'll be next year at this time. The program at Walter Reed has been, as we've mentioned before, excellent.

"**Jim Armstrong**, who is assigned at the Patuxent Naval Air Station, is not too far away from us. **Bob Roth** is in town too. He's working at the National Institutes of Health. **Bill and Ann Scragg** had their third daughter last summer.

"When he leaves the Army in June, **Norry Culf** plans to return to Rochester General Hospital for three years of general surgery training and then to Strong Memorial for two years of plastic surgery. He and Marilyn also have three children, the last one arriving in 1960. They mentioned having seen **Lew Blowers**, who has completed a tour in France with the Army, and the **Mackays** during a trip home last summer.

"**Mike and Loretta Dolan's** Christmas card would indicate that they too have had an addition, their fourth, named **Matthew**.

"**Dick and Mitzi Kenyon** returned from the Philippines with their two children and are now at Otis Air Force Base in Massachusetts. He's planning on a residency in anesthesia when he leaves the Air Force in June. They in-

formed us that **Russ and Shirley King** are enjoying their tour in the Pacific.

"It was nice to get a card from **Tom and Joyce Dyer** from a familiar address on 97th Street. **Wallace Rooney** provided a return address in downtown Manhattan which would lead us to believe that he's a civilian again.

"During a trip to Denver last September we had a pleasant visit with **Tom and Joan Mathews**, their two little girls and their Weimaraner pup. Tom is in his third year of anesthesia training and is accomplishing it at Fitzsimons General Hospital. He recently did a nice piece of work on the correlation between venous pressure and blood loss during surgery.

"**The Kinneys**, at the Mayo Clinic in internal medicine, sent Season's Greetings too. Another **O'Connell**, Nancy, was born in July to Tom and Rick to bring their total up to three also.

"**Barbara Casey Lang**, alone for a short while until Tony completes a tour on a cruiser and his third year in the Navy, took the time to write a very interesting letter. The most important news was that they'll be parents in the not too distant future and that Tony will start a radiology residency at Barnes Hospital in St. Louis in July.

"**Tom and Jane Hunt** are looking forward to finally settling down in their new Rhode Island home.

"**'Sandy' and Barbara Littlejohn** have settled in Barberton, Ohio with their three children where he's in a busy general practice.

"**Bernie Nicora** was stationed in the Washington area for a short time before the Army and beginning in a pediatric residency at Flower in July. We also had a few patients in common with **Artie Zimmerman** while he was stationed at Fort Eustis, Virginia, prior to resuming civilian status.

"**Catherine** and I would like to take this opportunity to wish every member of the Class a healthy and happy 1961."—JAI

**Gerald O. F. Jensen** interned at the Methodist Hospital in Brooklyn, N. Y., where he met and married his wife. Following internship, Dr. Jensen entered the Air Force and took 27 weeks of post-graduate training in aviation medicine and served two years as Flight Surgeon with the 11th Fighter Interceptor Squadron at Duluth, Minnesota.

Dr. Jensen writes: "After 220 hours of official flying time in F-89's, T-33's, TF-102's and other jets and conventional aircraft, I think I'll leave flying to the pilots. Now, two years of service, two children, one dog and four states later, I am taking a pediatric residency at Children's Hospital, Akron, Ohio, and adjusting slowly to civilian life and medicine."

'58

Charles D. McCullough  
St. Vincent's Hospital  
New York, New York

Charles D. McCullough, class secretary, writes:

"Joe Culverwell, who has been assigned to the Marine Air Force as flight surgeon in California, has just taken a bride. Joe expects to do a tour of duty in Japan later this year.

"John Tully, also a flight surgeon with the Navy, has been assigned to the aircraft carrier U.S.S. *Shangri-La*.

"John Summa, our class prexie, has shifted his medical residency from FFAH to Waterbury Hospital. John is expecting another addition.

"Jim Roach finished a year at St. Vincent's Hospital in Bridgeport, Conn., and is now in the service. Joan and Jim are expecting their first very soon.

"Jack and Izzie Lynch in Washington, D. C. have announced the birth of their first child, a son (John Joseph, 3rd). I saw Izzie and Jack when I visited Washington this summer and they both looked very well.

"Doris and Jack Sadowski announce the arrival of their first son, born at St. Vincent's Hospital in N. Y. C., early in the year."

John B. Muth recently reported on the Ohio Department of Health rheumatic fever prophylaxis program to U. S. Public Health Service officers at the National meeting of the Heart Disease Control Program in St. Louis, Missouri, prior to the American Heart Association annual meeting.

Michael G. Tager writes:

"After a year of surgical residency at the Jewish Hospital of Brooklyn, I am now serving 2 years in the U. S. Air Force, stationed at the 507th U.S.A.F. Hospital, Kincheloe AFB, Michigan. If any classmates are in the vicinity of the Upper Peninsula, we would welcome a visit."

'59

Gus Mork  
St. Francis Hospital  
Hartford, Connecticut

Gus Mork, class secretary, writes:

"I have received a number of thank-you notes from members of the class of '59 in reference to the information about our class in the last issue of the *Chironian*. I appreciate your comments and I shall endeavor to continue to write a worth-while column; but—I need your help. If all of you doctors would drop me a post card with a little information concerning yourself and other members of the class, you'll find your name in print in the next issue of the *Chironian*. There are a number of the class who are in the service; I'd appreciate hearing from them as soon as possible. The alumni office will certainly need these service addresses and also, I'll ask to have them published in the *Chironian* so that everyone in the class knows where everyone is located. So, doctors, send me news.

"Ray Hussey likes the second largest state in the union;

he's still in Texas. Ray's address is 503 Fairchild St., LAFB, San Antonio, Texas. Gene Lawler hasn't been to Hartford of late—Gene is at the Middletown State Hospital. We've had lots of snow in Connecticut—hope the convertible roof is functioning properly. Henry Cutler is at the Hartford Hospital—he must be busy—no phone call as yet. We have both been in Hartford since July 1st and our roads haven't crossed as yet. Hope we can get together soon. I received a letter from Jake Voskovitch recently. Jake is presently at the Chanute Air Force Base in Rantoul, Illinois. Jake is doing GP and is a flight surgeon in the base hospital and adds that he is not working too hard. (Maybe I should join up.) Jake will be with the fly-boys until June of 1962 and then is heading back for the home base in N.Y.C. for training in 'watching'—yep—he wants OB-GYN (this ought to make Dr. Stone happy). Another of our class is taking up the trade. Ed Sirois writes that he is enjoying his tour of duty at Camp La Swamp—I mean Le Jeune, N. C. He also informs me that he is subject to orders with the FMF in the near future (FMF means Fleet Marine Force, or better still—the let me go on the beach first guys'). Ed's address is 904 Davis Street, Jacksonville, N. C. Ed, let us know when you have a change in your duty station. George Lewis and family are now living in the 'Land of the Rising Sun' and appears to be enjoying the duty and the countryside. No question about it George, Japan is a beautiful country. George mentioned that while in Texas he saw Bill Mahoney who is now in the army serving in Germany. George, this column would appreciate some more news from the Orient and any information that you might have about our classmates who might be serving out that way. Incidentally, you might want to write to Bill; his address is: Capt. William Mahoney 0229547, USAR, EUR, Germany. APO 430, New York, N. Y.

"Dick Orphanos writes that he'll spend his second year at the Met in medicine. In case you folks didn't know, I'm heading back to the Met next year. Will finish up my residency in pediatrics with Slobody and company. Joe McNaney, who is with me at the St. Francis Hospital here in Hartford, Conn., will be going into psychiatry with Gene Lawler come next July 1st. Joe is doing quite well with the 'bottle club' here at St. Francis. In case I didn't inform you, Joe has two cars—a chevy convertible and a small car that is quite difficult for me to climb into. Dick McCarthy honored St. Francis Hospital with his presence at the house-staff party on October 31st. He is enjoying his surgical residency. Al Cantwell writes from the 'Land of the Morning Calm' (Korea). Al, I remember that peninsula well. Al informs me that he is stationed about 6 miles from the DM2 (demilitarization line 2), and that he is kept pretty busy medically. Seems that the VD rate increased considerably since I was there. Al states 'The VD rate is absolutely atrocious: i.e. 600/1000 men/year . . .' (I knew he would remember the statistics taught in the freshman year). Al finds the Far East intriguing; he's anxious to get back to Japan and would like to visit Hong Kong. First he's due for a little boondocking in Okinawa before arriving stateside next October. Hope you'll have continued good duty, Al. Should you want to write Al, his address is: Capt. A. R. Cantwell, Jr., 04051634, 1st Cav. Div., 2nd Bn. 12 Cav., APO 24, San Francisco, California.

"Dick Gibbs is still passing gas at the Massachusetts General Hospital and informs me that he will be tying the knot this February in Boston; congratulations Dick. Bill McKeon and Carl Cassin are cutting and sewing at the Beverly Hospital in Beverly, Massachusetts. Bill is a new papa—Sean Richard is the name and he was born in October. Bill will be doing a urology residency at the Mayo Foundation next fall. Carl has been appointed to an OB-GYN residency which commences next July 1st, at Yale's Grace New Haven Hospital. Dick Knapp and Dick Gibbs (both in residency in anesthesiology) have recently been elected to membership in the American Society of Anesthesiologists. 'Duke' Ricciardelli is still at the Joint Disease Hospital—I hope to find you on duty the next time I call you Duke.

"Dick Byrne (incidentally, thanks much for the most informative letter) writes that he had a very fine internship at the Brooklyn Jewish Hospital and that he enjoyed the entire year. The powers to be at this hospital thought well enough about Dick to make him 'Intern of the Year'. Dick is planning to return to this hospital when he finishes his tour with the Air Force; radiology is his choice. Presently, he is stationed at the McGuire Air Force Base in New Jersey, along with Bill Phalon. Dick's address: 1611th MATS Dispensary, FLT Surg. Office, McGuire AFB N. J. Bill is attached to SAC Refueling Squadron. It must be pretty nice duty when these two men get to fly to Europe at least once a month—very hard to take. Bill had a 'hairy' mission not long ago. Seems that halfway down the runway the plane ran out of gas (a refueling tanker?) and they managed to stop the plane before it over-ran the concrete. Dick prefers to fly with the plane that has seats (mats). He also informs me that the Phalons are expecting again.

"A reunion was held by a few of the service doctors in San Antonio last summer—Jack Weg, George Lewis, Bill Mahoney, George Tilley, and Dick Byrne. Jack is at the Lackland Air Force Base in medicine. George is in Japan at a Public Health office. Bill is in Germany. George Tilley is at Fort Bliss, Texas. Dick Alpert is stationed at Fort Eustis, Va. Carl Anderson is at a post in Northern Italy. Ben Hess passed through San Antonio (please send me your addresses). Dick said that he bumped into Ken Lennox in a spanking new Austin-Healy one evening. Ken is on his way or is presently at the Tripler Army Hospital in the 49th or is it the 50th state—Hawaii. Skip Bechert, Tim Zoba, Bill Phalon and Dick Byrne took a primary course in Aerospace Medicine at the Brooks AFB. Dick calls them the 'EENT men with wings'. As mentioned in the last *Chironian*, Tim is at the Elmendorf AFB in Alaska and may stay in the state after leaving the service. Skip is at the Stead AFB Nevada—not too far from Reno. So, classmates, you can see we are spread all over the globe—from Alaska to Antarctica; from Korea and Japan to Germany and Italy. Buy that man a drink—he may well be a FFAH graduate.

"Dick Alpert writes that before leaving Texas another young one was added to the flock—he goes by the name

of Richard B. Dick has an idea that he'll take pediatrics after his service stint. Pete Demarco, presently at Meadowbrook Hospital, says that the pediatric residency is pretty good and he is getting lots of experience. Incidentally, Pete and his wife are expecting an 'obstetrical bundle' in March. Pete's home address is 197-10 Hiawatha Avenue, Hollis 23, N. Y. Ben Cox sends his new address: 270 N. Mountain Trail, Sierra Madre, California. New addition to Ben's family also—Sabrina Elizabeth, born July 2, 1960. Ben informs me that he'll be starting a neurosurgical residency at Huntington Memorial Hospital in July.

"I guess that's all the news from this end for now. I would like to take this opportunity to wish you all a very happy, healthful, and successful New Year. To those in the various branches of the Armed Forces, send me those service addresses and may you have the best of duty."—GM

'60

Frederick Siefert  
30 Brookside Drive  
Greenwich, Connecticut

Fred Siefert, class secretary, writes:

"News from fellow classmates is meager but I do know that Roy Stern, after a year in San Francisco, will return to the East (Philadelphia) for a psychiatric residency at Temple . . . and last word has it that Andy Peters and Leo Greco have decided on a medical residency at New Rochelle Hospital where they're now interning.

"From Jack Tobin (and Mary, Mark and Meg) come hellos—they're busily enjoying the Navy and their stay at St. Albans Hospital. And Gil Ortiz with the USPHS on Staten Island sent Xmas greetings from himself, Naida and 1½ children (Stern hopes you're working on those papers, Gil).

"Ike Lissauer reports from Michael Reese Hospital that for a change he enjoys working hard . . . and from me (Siefert)—now that we're three—we plan to stay on at Greenwich Hospital for at least a year of medical residency. After that—???

"Happy New Year to all!"—FES.

Arthur Botting, presently interning at the Royal Victoria Hospital in Montreal, dropped by the Alumni Office and informs us that he and James Murray will be heading for the Mayo Clinic in Rochester . . . Harry Locke and Richard Lindsay will be going to the University of Virginia . . . John Derry heading for FFAH and obstetrics . . . Carl Marchetti—recently married . . . Floyd Donahue is the father of a baby girl.

Stanley Ostern is now interning at the Jewish Hospital of Brooklyn and will take his residency in internal medicine at the same hospital. Dr. Ostern has announced his engagement to Claire Sue Rothenberg.

Allan Rothenberg was married shortly after graduation in June. Dr. Rothenberg writes: "Barbara and I are living at 950 50th Street, in Brooklyn. I will begin residency in Dr. Slobodsky's Pediatrics Department at FFAH and Metropolitan in July.

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January - June 1960

*Prepared by the College Library Staff*

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THE only rational way of educating is to be an example—if one can't help it, a warning example.

—ALBERT EINSTEIN

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