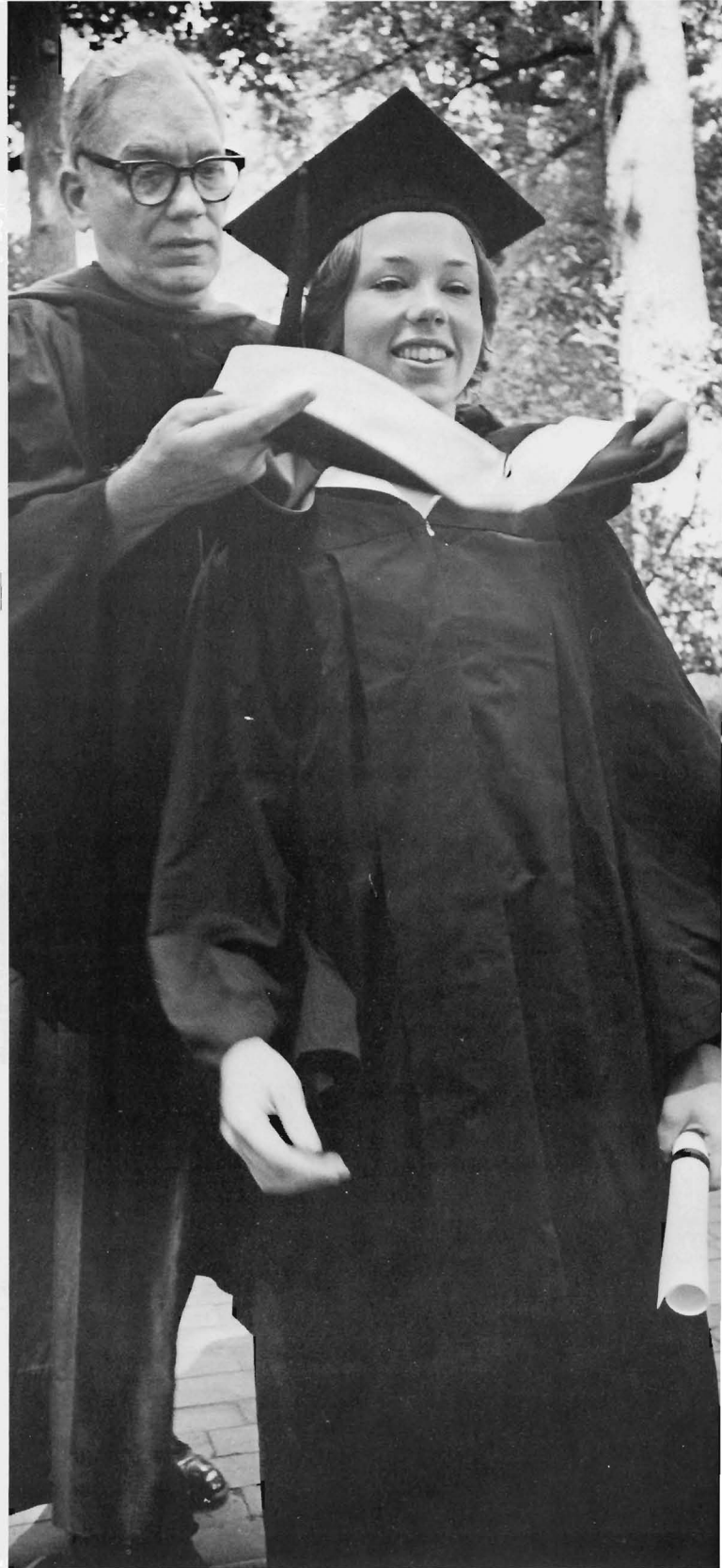


SOUTHWESTERN NEWS

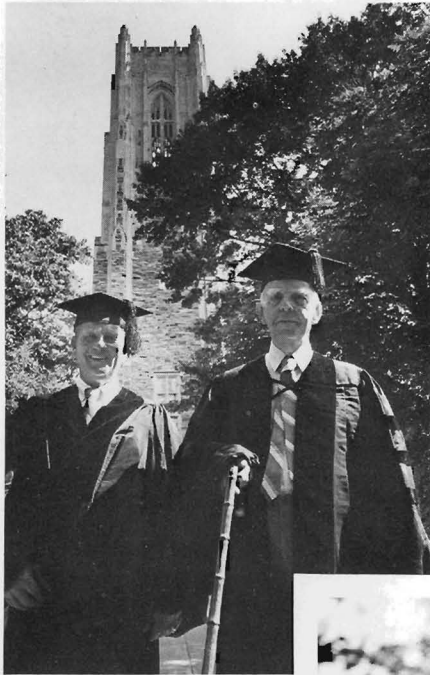


Summer 1972

Commencement



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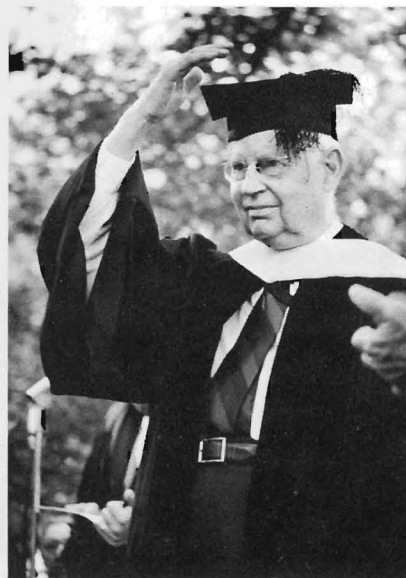
Drs. Kemmons Wilson, left, and E. H. Little.



President Bowden conferred honorary degrees upon six outstanding men. Left to right: Athelstan Spilhaus, Burnet C. Tuthill, David Leander Stitt, Otis Granville Henry, E. H. Little, President Bowden, and Kemmons Wilson.



President William L. Bowden.



Professor Emeritus of Music Burnet C. Tuthill acknowledged applause after receiving honorary Doctor of Music degree.



June 5, 1972: 123rd Commencement Exercises.

Commencement '72

On a perfect June morning, Southwestern's 123rd graduation exercises were held in their traditional setting, the lovely Hubert F. Fisher Gardens. President William L. Bowden conferred degrees upon 174 graduates, 22 of whom graduated Phi Beta Kappa, 19 with honors, 79 with distinction. Seventeen additional degrees will be awarded in August upon completion of course requirements, putting the number of 1972 graduates at 191.

Honorary doctoral degrees went to six outstanding men. Dr. Athelstan Spilhaus, Fellow of Woodrow Wilson International Center for Scholars and the commencement speaker, received a Doctor of Science degree; Otis Granville Henry, Regional Director of Christian Education of the Synod of Tennessee, a Doctor of Divinity degree; E. H. Little, President and Board Chairman Emeritus of Colgate Palmolive Company, a Doctor of Humanities degree; Burnet C. Tuthill, Professor Emeritus of Music, Southwestern At Memphis, a Doctor of Music degree; Kemmons Wilson, Chairman of the Board, Holiday Inns, Inc., a Doctor of Business Administration degree; David Leander Stitt, Associate Minister, First Presbyterian Church, Houston, Texas, a Doctor of Divinity degree. Dr. Stitt, retired President of Austin Theological Seminary, had preached the baccalaureate sermon, "Return to Laughter," on the preceding day, June fourth, at Second Presbyterian Church. He is the father of Sally Stitt, who graduated Phi Beta Kappa with distinction in English.

Miss Stitt and William McBride were the two graduates who received the Algernon Sydney Sullivan Award for fine spiritual qualities practically applied to daily living. Dr. Ralph Hon, Professor of Economics and Business Administration whose association with Southwestern dates back 41 years, also received the Award, which is presented annually to two members of the senior class and to one other who, in service to the larger community as well as to the college, has given liberally of his talent, spirit, time, and energy.



Athelstan Spilhaus has emerged as one of the nation's and one of the world's leading thinkers, writers, and workers for a better environment. His cogent suggestions to industry for recycling products to control the fantastic waste that is spread around our cities and our nation and world have commanded the attention and action of both government and private business organizations. I cannot imagine a man more tuned to the needs of our times, more interested in the things that young graduates today are interested in, and for these and many other reasons it gives me more than usual pleasure to present to you one of the great scholars of our times, Athelstan Spilhaus.

Thus President Bowden concluded his introduction of the Commencement speaker. Dr. Spilhaus's remarks, edited for publication, follow.

by Athelstan Spilhaus

ecolibrum

It's a great pleasure to be here in these beautiful surroundings — a truly beautiful environment, not only esthetically but intellectually. I am honored to be here.

I suppose I ought to start by explaining the word ecolibrum. It's a word I coined, from obvious roots — *oikos*, the Greek *home*, and *libra*, the Latin *balance* . . . a hybrid word. I apologize for that. I don't usually have to, but I understand here there are some traditions of Latin and Greek. Ecolibrum is supposed to denote the balance in our earthly home—the balance between the wish for ecology, which by definition is a harmonious pattern of relations between organisms and their environment (that's organisms including Man), which often runs counter to the other desire of people, in economy. Economy may be defined as the management of affairs with a view to the maintenance of productiveness.

My work has been how to reconcile these two things. How do we plan to supply the basic physical needs of shelter, water, food, air, and fire—which is power, for all people? How do we give them ease in their lives while at the same time supplying them with what are sometimes called wants—wants that are often really basic ill defined psychological needs—of mobility, communication, recreation, culture, and the beauty that keeps us intellectually well and humanely alive? This is what ecolibrum strives towards.

I started out many years ago worrying about waste as a resource. I'm not worried about pollution; I'm worried about anti-pollution. I'm not worried about disposing of waste; I'm worried about using it. I'm always interested in the positive. I'm not interested in those who concern themselves on that side of ecology which says stop doing things because we ruin the environment. We must continue to do things to ease people's lives, yet do them in a way that will keep our environment great.

The problems of ecolibrum start with people . . . and end with people. A pollutant is something which by its excess harms the quality of living. In terms of that definition, Man himself is one of the greatest pollutants—because by his very excess of numbers he causes his own difficulties.

I'm not going to talk about birth control or whether it is one of the central problems of the world today . . . We all must work and find ways in which we can by our own voluntary efforts control our numbers, each in the way that suits his philosophy. We must at the same time work to give to people an ease of life, in contrast to the dis-ease of a hundred years ago. We must also worry about proper distribution of people, because if we distributed them properly and didn't crowd them all into huge cities in every country of the world we would not have many problems we have today.

I have worked on such things as the source of principal waste management and control. Being an engineer, I sought the engineering and scientific solu-

tions. But these are easy. You can find the engineering and scientific solutions but you (still) have the people problems.

In waste management one of our great problems is: where do we try new methods of recycling. (I don't know why we call it recycling, because we haven't even cycled yet — but we have nowhere to try it.) So a long time ago I thought and wrote about experimental cities. Cities which we would build for the purpose of trying new technologies to offer people a variety in urban living . . . experimental cities where we'd experiment not *on* people but *with* people, as part of the experiment, and try new ways of waste management.

Cities where we would try, for example, new forms of transportation. Urban transportation in our intense cities like Chicago and New York is really a very poor thing. In mass transportation they have an expensive engine in the vehicle. They have an expensive driver. They have a fare collector. And all these things are very expensive, so the vehicles have to become big. The failure of this is that people don't like to wait. The reason people like a car is that they like the privacy and the ability they think they have of going from where they are to where they want to go without stopping where everybody else wants to stop.

So, if you design a mass transportation system, what you might do is take the engine out of the bus; it's expensive. Put the mode of power in the track. Take the wheels off, because we can support the vehicle magnetically or by air. Take the driver out, because you can drive it to its destination by computer. Take the fare collector out, because he usually costs more than the fares he collects. I've never understood why you can go vertically in an elevator free — not really free but paid for by the businesses on the different floors the elevator serves; you can go up an escalator in a department store free — part of the service of the store. At what angle do we suddenly have to pay a fare?

These are some of the huge social experiments which I enjoy being a part of . . . experiments we need very badly to do. And these things lead, if you're talking about waste management recycling, to what I called a year ago or so the Next Industrial Revolution.

I now have to call it the New Industrial Revolution, because it's already here — a revolution caused by our needed management of wastes and the control of pollution.

Waste management in the past was talked about as waste disposal. Sanitary engineering has been traditionally the idea of grinding things fine or burning them or strewing them around in the hope that the taxpayers wouldn't notice. That's what we have done up to now. We can no longer do this.

The first Industrial Revolution was when power came along. Power ennobled man because it substituted for the backbreaking labor of his own mus-

cles. With power we invented air pollution — smoky chimneys etc., — but the power was so beneficial that people accepted the side effects. With this power came the ability to mass produce *things* . . . so things were mass produced and eased people's lives. But many things mass produced were thrown away after use, so that essentially with this boon of mass production we invented the solid waste problem. We also invented new ways of poisoning and polluting our waters, so that in each case with the boon came a side effect.

Now, no sensible person wants to go back. We want to find a way in which we can continue to ease our lives, but do it in a sophisticated way and turn the muscle of our science and technology, our business ingenuity and our ability in management, to take everything after use and reuse it, remake it, reprocess it, put it back into the pipeline, so to speak, and remanufacture it for reuse. Then there is no waste. Waste is simply something we haven't up to now had the wit to use. And if there's no waste there is no pollution.

We will begin, I think, to design for reuse. At present there are lots of wonderful things, like plastics, which are designed for use but not for reuse. They're difficult to dispose of — non-biodegradable, as they say. I always think of non-biodegradable things that man makes in terms of the reverse of the marriage ceremony: What man hath joined together, don't expect God or nature to put assunder.

It's fascinating — the work that's going on. Think of recycling a newspaper. Obviously, the simple thing to do is to take the print off the newspaper and use it again as newsprint. This means that research, which for hundreds of years has gone toward making permanent ink and making paper that lasted forever in libraries, is now turned to making ink that disappears in a day or so or is taken off very easily; is now turned to making paper that has microbes in it that eat it up and digest it and put it into humus quickly — so we've changed our whole direction by this. There are other ways of using newspaper. Newsprint and fiber wastes can be burned, and someone has computed that if burned efficiently they would contribute 20% to our total energy consumption in the United States. There are many different ways — and all these have to be studied to find out how we obtain our ecolibrium.

For instance, they have been feeding cellulose to cows. They're pretty scrawny cows up to now but we'll improve on that, and this just gives me a wonderful dream of a long factory with old newspapers going in one end and steaks coming out the other. These are the kinds of things which sound fantastic but which are on the horizon as we really learn to do what Nature does always — recycle and reuse everything.

Well meaning people who are working for the preservation of the environment make such statements as, "we're going to poison the whole ocean, it will be a dead ocean;" others have said we're going to run cataclysmically out of oxygen. These are non-sense statements. They are too extreme and they do a disservice to the real cause of the environment. Industrialists, in relation to the detergents in the Great Lakes, have said, "what do you want, dead babies or dead lakes?" That again is an extreme statement that

does no service to the legitimate purposes of good industry.

The ecolibrium position is in between. We should not be lulled by those who say there is nothing to worry about, because there is lots to worry about. There is lots to challenge us. But we should have faith that we can do it.

I'm reminded of the story about a farmer. When he got home from a long trip the farm manager usually met him with his dog. "Everything going well?" he asked the manager. "Oh, yes, everything's fine." "Well, where's my dog?" "Oh, the dog died," the manager said. "The dog died? What of?" "Burned horsemeat." "Burned horsemeat? How'd he get burned horsemeat?" "Well, that was when the barn burned down." "How did the barn burn down?" "Must've caught on a spark from the house." "From the house! How did the house catch alight?" "It was those candles," said the manager. "Candles, man—we've got electricity! What were the candles doing?" "We had 'em set around the coffin." "Coffin! Who died?" "Well, your mother died." "What did she die of?" "Shock . . . when your wife ran away with a neighbor."

That kind of lull — or not recognizing the problems — is also a very bad thing. So I think that while we start with people and worry about the control of people, we end up with energy — and there's a great nonsense going on in this country in limiting the production of energy.

Everything we do in recycling — everything we must do to preserve our environment means it costs energy. Any student of physics knows this. Pollution is an increase of entropy, and it takes energy to sweep up the chaos or clean up the mess. So we need to produce energy and we need to find ways of producing energy that is clean, and that we can increase, and that's economical. And this is very difficult. I remember they had a problem out on the west coast where they were siting a nuclear power plant on a headland going out into the sea. You know out on the west coast they don't have a continental shelf like our east coast has. The shore shelves down pretty steeply. But the people there didn't want this nuclear plant. They thought it would cause the water to be radioactive and that the heat would kill the fish. So they called in the expert, and when I arrived I looked over the situation and found this steep shelf and found from my oceanographic friends that the highest concentration of nutrients was at about 5000 meters. So, to put the waste heat pipe down to 500 meters — where the heat would merely boil up the nutrients and improve the ecology of the region — was the thing to do. I think they're going to do it. I said to them, "This way you can have your cake, and heat it, too."

There's a real problem with our nuclear wastes and the high energy wastes — and I am completely against those who take the out-of-sight-out-of-mind policy of putting them down in salt mines or burying them out of sight. They must be stored until we find a way to put them somewhere safely.

There *is* a way. The greatest spinoff from the space program of course was the lifting of the spirits of men all over the world. But one of the real payoffs of the space program, in the next 30 years, may be

(continued on page 9)

Tales of Arabian Days

by Jeannette Birge

What on *earth*, I wondered. Some kind of high-pitched music floated out of the language lab . . . then exotic sounds repeated themselves over and over . . . "kaafs . . . alifs . . . laams" . . . mellifluous and soft. I half expected Charles Boyer or Peter Lorre to materialize any minute with directions to the Casbah. When I found out I'd stumbled across one of our new Arabic labs, I understood why.

Arabic, I was surprised to learn, is recognized by UNESCO (United Nations Educational, Scientific, and Cultural Organization) as one of the world's five major languages (English, French, Spanish, and Russian are the other four). It teems with history. It is the Semitic language of the Arab world—the prevailing speech of Arabia, Jordan, Lebanon, Syria, Iraq, Egypt, northern Africa, and parts of central Africa. It is the language of scripture in the Moslem world—from Casablanca to Singapore.

Though major universities both in the U.S. and Canada offer it in their graduate schools, to find a language course in Arabic for undergraduates is something else—there are only a handful in the United States. Beyond the addition of Arabic Studies at Southwestern, however, looms an even more extensive program. . . beginning in the summer of '73, Southwestern At Beirut will be inaugurated, in coordination with the American University at Beirut.

Adding Arabic to our curriculum this year came about when several people realized last fall that we had all the necessary ingredients. All we needed to do was sift carefully and mix.

It began when Carter Garber, an International Studies major with special interest in the Middle East, wanted to learn Arabic now—not wait till graduate school. When he mentioned it to some other I.S. majors they liked the idea too. So Garber and some of the others went to Dr. David Likes, chairman of the I.S. department.

The sifting and mixing began in earnest then, and on January ninth Professor Salman Al-Ani inaugurated the Arabic courses here. (Al-Ani taught Arabic at McGill University's Institute of Islamic Study for seven years before joining the Department of Near East Languages and Literature at the University of Indiana and is the author of the textbooks Southwestern students are using.) Southwestern's classes are modeled on those at Indiana—same books, methods in lab and classroom, etc. Indiana's Arabic Studies Program, incidentally, acquired world recognition last year when PMLA (Publications of Modern Language Association) ranked it first in the U.S.

Professor Wasfy Iskander directed the new program. Mr. Iskander, who joined the SW faculty three years ago, works primarily as an assistant professor of economics and is finishing his doctoral dissertation in economics. As an Egyptian, however, he had studied Arabic as a native language in elementary, high school, and college. He is a permanent United States resident

now, but in 1959 he was an interpreter and personnel officer with the U.N. Emergency Forces in the Gaza Strip between Egypt and Israel. His superior officer there, a graduate of the University of Indiana, helped him gain admission to Indiana the following year. He graduated in 1964 and took a master's degree in economics in 1966. As a teaching associate he also taught Arabic at Indiana's Intensive Language Institute for two and a half years.

Under his direction, most of the actual teaching here—at least at first, was done by Zuhair Sabbagh. Sabbagh is a Palestinian Arab. from Nazareth, who graduated from Southwestern in June with a degree in International Studies. Toward the end of the second term he was succeeded by Miss Darleen May. Miss May is completing her doctoral dissertation in Arabic Studies.

The classes are open to all Southwestern students—among those enrolled this year, for instance, were several chemistry majors, an anthropology major, a biology major—and they hold a strong attraction for International Studies majors who want Arabic as a stepping stone to greater understanding of the Arab world. Fourteen students signed up for the first term this winter; 11 for the spring term. In the big universities the average number of students in Arabic language classes is said to be about 10-15, so 11-14 shows extensive interest on the part of Southwestern students (Southwestern's enrollment is slightly over 1000).

Perhaps more remarkable still is the fact that nine of the original 14 applied and all were accepted for summer work in Arabic at universities in the U.S., Beirut, and Tunis. Five of them were offered a total of nine NDEA (National Defense Education Act) fellowships, with stipends averaging \$1,800 per fellowship, and are studying at Georgetown University. Two others are abroad—Carter Garber at the University of Tunis, Mark Lester at the American University at Beirut.

Mark is the only Southwesterner studying in Beirut this summer. With the establishment of Southwestern At Beirut next year, however, there will be at least 25, probably twice that many. Like its forerunner Southwestern At Oxford, the eight-week program will be open not only to Southwestern students but to those from other colleges and universities too.

A comprehensive seminar series on the Middle East lies at the heart of the program. Internationally distinguished scholars in the fields of Middle Eastern literature, history, sociology, anthropology, international relations, political science, economics, and contemporary politics will lecture; Southwestern faculty will provide discussion leadership. Students will earn three hours credit for the series and in addition will select a regular three hour course in the University's summer curriculum. If you are interested in further details—the program will be open to alumni—write to Dr. David Likes, Chairman, Department of International Studies, Southwestern At Memphis.

برنامج اللغة العربية = كلية ساوثوسترن آت ممفيس

John Clayton Turpin: Atypical Registrar

It is probably the most frightening experience a new student will have during his years at Southwestern. It even gets to an upperclassman. Standing in a long line you watch your schedule slowly disintegrate as the *Closed* sign goes up over more and more courses, filled up before it's your turn to register—they're not kidding when they tell you Southwestern features "small" classes. You may be a history major but you are about to sign up for optical physics and chemical biology—at least they're still *Open*. By the time you finally reach the door marked *Registrar* you are almost resigned to your fate.

Behind that door, perched between an empty fish bowl and a stereo tuned to WMPS-FM (all classical music), sits John Turpin, peering over his half glasses at each shorn lamb who enters. On a good registration day he will eat out one hundred and twenty students for having the wrong computer code, convince six seniors to switch majors, and bring eight freshman girls and two senior men to tears.

Keeping track of the records of a thousand students, mothering neglected faculty, defending the administration like the best of Establishment Men even when he knows better . . . what kind of man is this?

Over the past sixteen years John Turpin has established himself as an institution—just as Miss Martin in the Cashier's Office before him. He has accepted his role joyfully and without a great deal of complaint.

Qualifications for a registrar? Mr. Turpin will tell you the job requires "a degree of insanity, the soul of a policeman—flatfooted, and a lot of patience."

On the degree of insanity students agree—anyone who will stand before the student body wearing a wig and impersonating rock music singers must be slightly mad. (Mr. Turpin got an ovation for that act in last year's Student Follies.) As for the soul of a policeman—anyone who's tried to get his schedule changed will agree John Turpin definitely has that. And patience? Even this he has shown on rare occasions.

Not what one could call a great outdoorsman, Mr. Turpin nonetheless likes fresh air. For this reason he sometimes holds registration out under the trees. Not long ago he held an Open Air Forum called "What you always wanted to know about registration but were afraid to ask." Students were encouraged to ask questions then instead of finding out later what "prerequisite" means.

Keeper of the records, defender of the establishment, secretary of the faculty and the administrative policy committee, John Turpin still finds time for other interests.

He has served as a licensed lay reader and been elected to several terms on the vestry—one as Senior Warden—of All Saint's Episcopal Church. Perhaps his favorite esthetic interest is the Southwestern Symphony Orchestra. Organized just this year by Turpin, the symphony is an odd assortment of no violins, a cello, six brass, and other instruments.

"Not enough things in this world are done for the fun of it," he says. "The symphony has at least added one more. Besides, it will make a good chapter for my

memoirs."

But a career as a great conductor disguised as a college registrar is not enough. Turpin, whose resemblance to Richard Burton has been noted by more than one coed, has recently embarked upon a career in television. Though he hasn't received his Emmy nomination (the mails have been delayed again), he has been gratified by the response to commercials he has made for a local bank, under the direction of SW photography professor Radakovic.

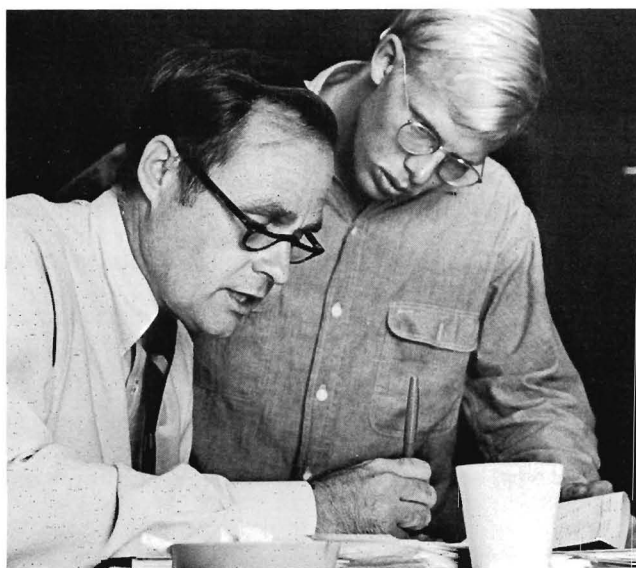
Mr. Turpin has a number of persons mad at him practically all the time. But it cannot be said he has even one enemy. Seemingly impersonal to the majority of students as they file past his desk three terms a year, he is known by those who have dealt with him on other occasions to be a man who cares about students. He will take time to listen to your problems. He's a good listener—he took a B.A. in psychology here in 1955, then earned an M.A. in guidance and counseling at George Peabody the next year. He returned to Southwestern that fall, so he's never been out of touch with students since his own student days.

How did he get to be registrar? "It just got to be a habit," he says. As a college student he worked in the office of the registrar, the late Mr. Malcolm Evans. He came back as assistant registrar.

Mr. Turpin's heaviest criticism of today's students is their "lack of a sense of humor—their inability to do something just for fun, without thought of some finished product. People around here want credit for going to lunch," he says, referring to what he believes is a current craving for recognition.

Has it always been this way? "No," he says, "some years ago people used to laugh it off if they made an F—it wasn't all that tragic. Now they cry if they get a B.

"But I'm not sure they've gotten genuinely 'serious.' I think it's a facade. You know, there's a lot of talk about apathy on the campus . . . 'You can't get anybody to do *this*; you can't get them to get involved

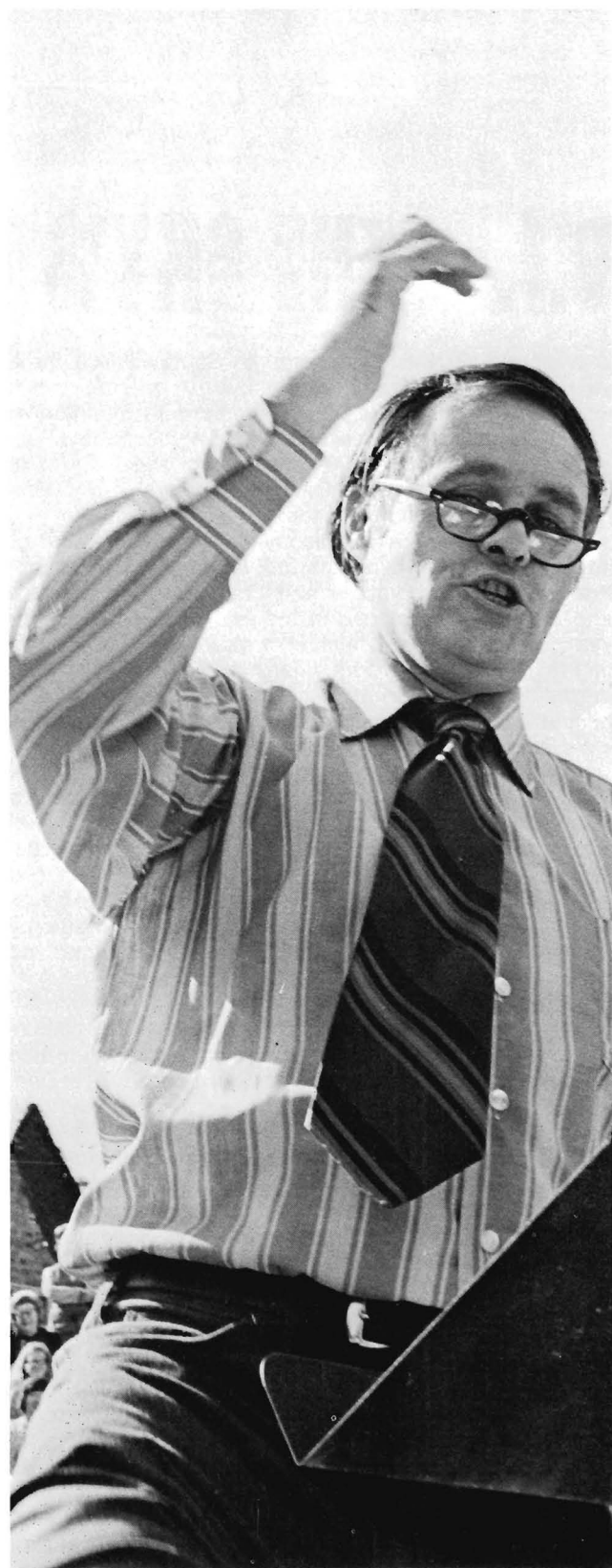


in *that* . . . by and large I think most students are doing what they came here for, and that means to *study*, and they don't have time for lots of wild ideas. Frequently the ideas are no good. And the student is *kind* enough to say, 'I'm too busy; I've got to study,' when, really, this something that somebody wants to get him involved in is something he doesn't feel has a great deal of worth. He doesn't want to hurt that person's feelings, so he's polite about it. That's a characteristic our students have always had—a genuine kindness to each other. Actually, besides being sensitive to his fellow student he's sensitive to his own needs, and he's being an individual and doing what *he* came here to do, but he's reached a good compromise in that he knows how to turn someone down, and assume the blame—for apathy—himself, without hurting the other person's feelings . . . A humane approach."

You might call Mr. Turpin a successful transplant. He hailed originally from Virginia, but marriage to a Memphian, the former Sue Craft, proved to him that civilization does exist west of the Shenandoahs. Mrs. Turpin, incidentally, also graces the Southwestern staff, as assistant catalog librarian in Burrow Library. The Turpins have a son and daughter, John III, 12 and Sue Anne, 15.

The opinion of people who work with a man is supposed to be a good yardstick of his character. Ask anybody who's worked with John Turpin and you'll get this for an answer, ". . . he's the greatest boss anybody could have, bar none . . . Something different is always happening . . . Some things he makes happen."

by Mark Lester '73
and F. Clark Williams '74





D.I. = THE SKY'S THE LIMIT

When Dan Ellsworth came to Southwestern three years ago he already knew how to operate metal working machinery. He was at home with mechanical things basically because his father, a mechanical engineer, brought him up on the "how" and "what" of instrument design. Somewhere along the way Dan caught the fascination of it too.

At Southwestern he discovered the excitement of optical physics — and started looking for a project that would both combine and challenge his interests and skills. He found one at the end of his sophomore year, but had to wait almost a year before he could tackle it. The right time finally came, however, and during the spring term just passed he designed and built a mobile observatory that will gather data about sky background radiation in the infrared.

He was able to do it as a Directed Inquiry. D.I.'s, as they are called, are independent study projects agreed on by a student and a professor, then approved by the faculty Special Studies Committee. They can, and they do, range all the way from special readings on a given topic to retracing the footsteps of Lewis and Clark. Like Southwestern's traditional tutorial and honors programs, they are characterized by a one-to-one student/professor ratio.

Dan had to wait nearly a year to begin his D.I. because until then his schedule was too full to squeeze it in. Last summer, for instance, he worked full-time in the student research program on mercury pollution. In that inter-disciplinary project — physics, biology, chemistry — his role was to concentrate on the optical signatures of plants in an attempt to measure their uptake of mercury. (The National Science Foundation funded the program through its brand new Student Originated Studies Project. Southwestern was one of only 97 colleges and universities in the country to get such a grant, and SW students are continuing their research this summer, again under the NSF umbrella, with Dan as project director.)

But back to his D.I. What he has built is actually a mobile observatory, though Dan refers to it as a radiometer. At the end of his sophomore year he found out that the materials and equipment for such a project were on hand. He had just taken a course in optics and radiometry under Dr. Jack Taylor, chairman of the physics department, when Dr. Taylor mentioned that the department had picked up (through government surplus) an eight-inch-diameter radio-

meter and associated electronics, and a two-channel strip chart potentiometric recorder. (Radiometer and electronics cost about \$35. The recorder was also \$35.) Dr. Taylor told him the department had also obtained through government surplus a fairly elaborate rotating mechanism originally designed to test gyroscopes. A tantalizing opportunity for an enterprising student with the desire and the ability to put them all together, along with other items that would have to be designed and built from scratch.

One thing students in experimental physics soon learn at Southwestern is how to improvise. This is brought about partly because of financial restrictions — physics equipment is expensive, and partly because it is sound education.

The more Dan talked to Dr. Taylor about the possibilities for a Directed Inquiry project in experimental radiometry centered around the development of the apparatus, the more enthusiastic he became. Here was a first-rate chance to round out classroom theory, with its blackboard and chalk approach, through laboratory practice. It was hard to have to wait so long to get started on it, but now he thinks he was able to do a lot more with the project than he could have a year ago, and he cannot say enough about the stimulation and encouragement Dr. Taylor has given him.

What he has designed and built consists of five major parts:

(1) Radiometer head — this detects the radiation under study.

(2) Sighting telescope — this telescope, equipped with an illuminated reticle for night use, allows the operator to locate a radiation source.

(3) Camera and telephoto lens — this system provides a permanent visible record (photograph) of the object being studied.

(4) Electronics unit and Recorder — used to process information received from target.

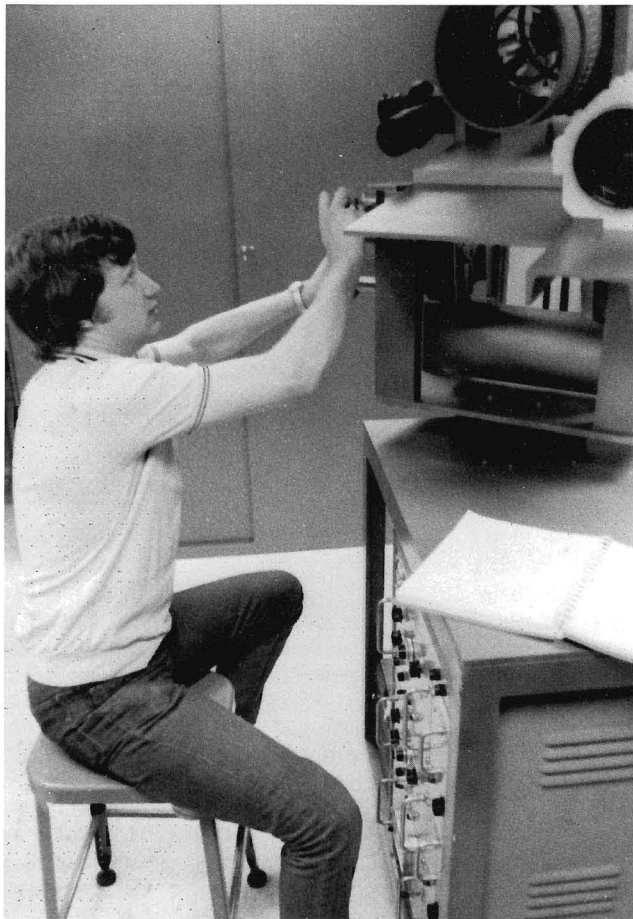
(5) Mounting and Rotating apparatus — this elaborate mechanical system, equipped with precision setting circles, allows the operator to position the optical systems in azimuth and elevation.

Besides being able to gather data about sky background radiation, Dan has the satisfaction of knowing he built a piece of apparatus that will have lasting value to Southwestern students who follow him. And the system he put together at a cost of about \$100

(continued from page 4)

would have cost between \$15,000 and \$20,000 if it could have been bought commercially.

He expects to follow up this Directed Inquiry with an honors project using the electro-optical system. He hopes, too, to take the system to Africa a year from now and that there he will be able to distinguish between self emission and scattered radiation from the solar corona during the total solar eclipse on July 30th — an unusual eclipse because time of totality will last seven minutes. The Physics Department is busy with plans to make an expedition to Africa for the eclipse . . . but that's another story.



that when we develop the shuttle to go into orbit we'll be able to concentrate all our high energy wastes — take them up in the shuttle into orbit and then, with a very small kick, kick them into the sun where those radioactive wastes, far from doing any harm, will keep the sun burning a tiny bit longer. Now that sounds fantastic, but when you come to think of it it's the only sensible place to put radioactivity. Put it where radioactivity is — and that's either down into the center of the earth or out into the sun.

These are the kinds of things that I hope many of you will be planning. Ways, serious ways, to move toward an equilibrium. An equilibrium where we'll have steady, not ever increasing, numbers of people so we'll be able to take care of their needs, their physical needs. We'll remove the stresses of cities and give people the time in which to contemplate, in which to converse, the time for the important business of being human. And that's what we are aiming toward in equilibrium.

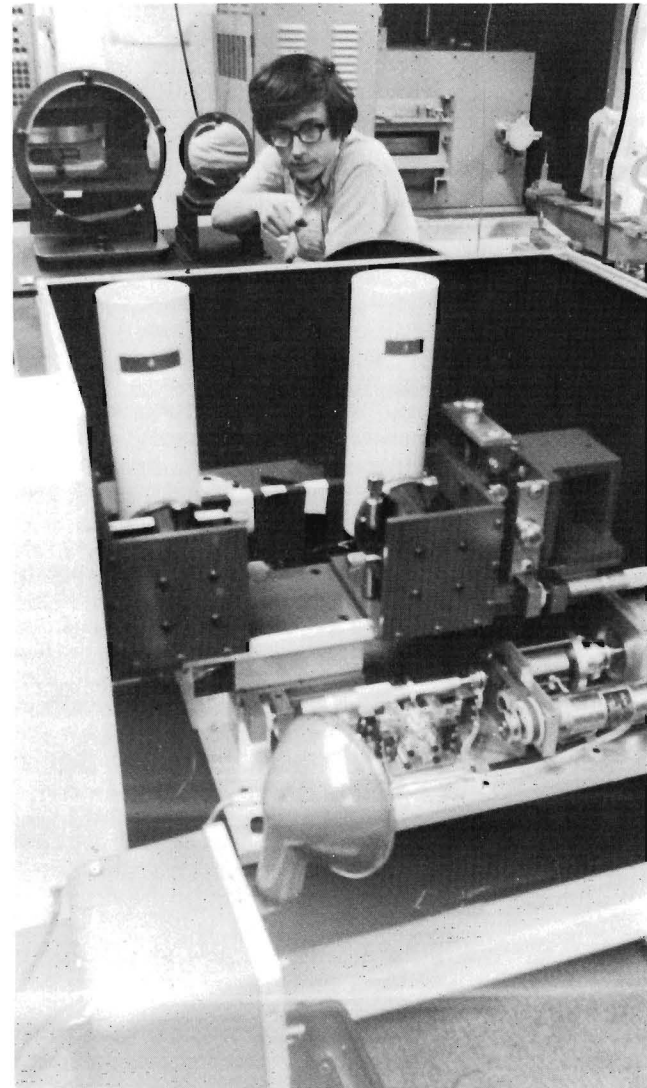
You may say this is optimistic. I don't think so. It's worthwhile work. There'll always be worthwhile work to find for those who find work worth while. Not optimistic — because I have a fundamental faith in the fact that men and women of all nations have the integrity, the imagination, the incentive and the industry to meet these challenges that face us. And I have faith in YOU, meeting these challenges. God bless you.

Dr. Spilhaus was born in Capetown, Union of South Africa, earned his bachelor and doctoral science degrees at the University of Capetown and his master's degree from the Massachusetts Institute of Technology. Ten universities and colleges in the United States and England have awarded him doctoral degrees relating to the sciences. He is a past president and is now chairman of the American Association for the Advancement of Science, served 17 years as the Dean of the Institute of Technology, University of Minnesota, is a former president of the Franklin Institute in Philadelphia and of Aqua International. Three United States presidents — Eisenhower, Kennedy, and Johnson — appointed him to posts of high responsibility and he has served the House of Representatives as a member of the advisory panel of the Committee on Science and Astronautics. Dr. Spilhaus has invented oceanographic, meteorological, and space instruments — including the bathythermograph for ocean research and the Spilhaus space clock for studying the solar system. He has written eight books and more than two hundred scientific articles about marine sciences, space sciences, experimental cities, and urban ecology.

Bulletin Board

Sports Windup

Southwestern won the 1971-72 College Athletic Conference track championship, tied Centre College of Kentucky for first place in football and basketball, tied Washington University at St. Louis and University of the South at Sewanee for second place in baseball, placed third in tennis and golf, fifth in wrestling and cross country.



Dr. John Streete '60 is using this infrared grating spectrometer (built in the physics department machine shop and laboratories) to study radiation from the helium spectrum of solar prominences. His research is supported by the National Science Foundation and Research Corp. Dr. Streete, associate professor of physics at Southwestern, accompanied by David Hume, a June graduate, is using the apparatus this summer at the High Altitude Observatory's Solar Observing Station located at Climax, Colorado. The apparatus will play a key part in Southwestern's Laboratory of Atmospheric and Optical Physics' 1973 Solar Eclipse Expedition to Africa.

Theatre

Eads Hill, an experimental theatre group organized this past year by former and current Southwestern students, performed David Hardy's "A Full Eight Hours" and Dale Worsley's "Unta-The" at New York's famous Cafe La Mama Theatre during the first week of June.

"A Full Eight Hours" which Mr. Hardy directed himself featured Ellen McElduff Hardy and Dale Worsley. Michael Patton, Shealy Thompson and Dan Heiber were the performers in "Unta-The" which had original music by Taylor Kitchings and a metal sculpture set by Steve Bennyworth. Both plays had their premiere performances at Southwestern in the spring and are scheduled for production at the Little Rock Arkansas Art Center in August.

On Sunday, June 11, the entire group were guest chefs at FOOD, an East Village restaurant operated by artists and performers. Their southern menu was a big success.

A special showcase performance of "A Full Eight Hours" was performed for Jules Irving, Director of the Lincoln Center Theatre, who praised it highly.

A Mid-South Seminar

The Department of Continuing Education will hold a seminar on "Inventing the Future: The Mid-South 1990" during the weekend of August 11-12. John Osman of the Brookings Institution, consultant to Southwestern's Urban Policy Institute, will be on hand to help lead the discussions. Participants will try to think through to what 1990 will be like if present trends continue, and to suggest possible alternative futures — essentially, to write the future. The "cross impact" method will be used in the discussion sessions, which will be held Friday night, Saturday morning and afternoon. Call the Continuing Education Center for further details. The Center will make reservations at Holiday Inn-Central for those needing overnight accommodations.

Distinguished Alumni Award

The late Dr. John Quincy Wolf, Professor Emeritus of Southwestern and a nationally recognized folklore authority, was posthumously awarded the first Distinguished Alumni Award given by Arkansas College. Mrs. Wolf accepted the Award, presented during Alumni Day activities May 27. Dr. Wolf, one of the best loved professors ever to teach at Southwestern, died March 14. He had retired last June after 34 years as a member of the Southwestern faculty. Before coming to Southwestern he taught at Arkansas College, Goucher College, and the University of Wisconsin. He was a graduate of Arkansas College, took his master's degree at Vanderbilt and the Ph.D. at John Hopkins.

Dean Allen Elected to CEEB's Southern Council

Dr. Ray M. Allen, Dean of Admissions, was recently elected as the Tennessee representative on the newly established Southern Regional Council of the College Entrance Examination Board.

The Council's first meeting was held in Atlanta. The nine other states comprising the southern region are Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North and South Carolina, and Virginia.

Dean Allen, a Southwestern graduate of 1944, returned to the college in 1963 as Dean of Admissions and Associate Professor of Bible and Religion. He holds the B.D. and Ph.D. degrees from Duke University where as a graduate student he directed the Methodist Student Movement and served several rural churches. Later he combined teaching and the ministry, accepting twin positions of Assistant Professor of Religion and Director of Religious Life at Wofford College, S. C. He came to Southwestern from Jackson, Tenn., where he was Professor of Religion and Philosophy at Lambuth College.

Dr. Allen is married to the former Julia Wellford, also a Southwestern graduate. They have three children, the eldest of whom will attend Southwestern as a freshman this fall.

REPORT TO ALUMNI FROM Dr. Ray Allen, Dean of Admissions

With the continuation of certain trends in American higher education — including a larger percentage of freshmen going to state colleges and universities; federal student aid grants favoring less selective colleges and universities; the practice of multiple applications on the part of individual students; and greater competition for those students who wish to attend private, 4 year, liberal arts colleges — Southwestern At Memphis must continue to contact an increasing number of prospective students, recruit them more successfully, and matriculate more of those accepted for admission. This year significant progress has been made along these lines (over 800 applications have been received), and Southwestern alumni have made real contributions to this progress.

Last Fall, over 355 alumni in approximately 185 cities in 31 states agreed to serve as members of the Southwestern Alumni Admissions Advisory Association (AAAA). Approximately 100 of them attended one or more sessions of the Admissions Workshop for Alums, held on the Southwestern campus during Homecoming Day, October 23. Some of these alums attended a preliminary session on the Friday night before, when they joined Memphis and Shelby County high school guidance counselors for dinner in the Refectory, and to hear Tennessee Commissioner of Education Dr. E. C. Stimbert speak on some problems

and perspectives of education today.

The Saturday morning workshop sessions emphasized the importance of Southwestern alumni being well-informed representatives of the College when talking to prospective students, their parents, high school counselors, and church or civic groups. The Admissions staff members, Director of Student Financial Aid, President and Vice-President of the College, five full-time members of the faculty, four students, and two visiting counselors all attempted to give alumni a better understanding of the College and of the task of recruiting students today. Many alums expressed enthusiastic appreciation for the fresh insights and increased knowledge gained from the speakers and materials made available at the workshop.

Several alums subsequently took the initiative in contacting counselors and prospective students in their localities; others sent names to the Admissions Office for contact. Some were asked to represent Southwestern at particular "College Days" (or "Nights") in their vicinity, and subsequently reported on those meetings either by letter, telephone or a personal visit to the Admissions Office. It's great to have a visit from an alum from Chattanooga or Chicago or Washington, D. C., and hear what has been done or will be done to represent Southwestern at the schools in that vicinity.

In the Spring, over 170 alums away from Memphis were sent one or more names of students (350 students) from their localities accepted by the Southwestern Committee on Admissions. Ninety Memphis Alumni received 140 names of accepted Memphis students. They were asked to get in touch with these students to welcome them to Southwestern and offer any assistance they could as the students prepared for college. Copies of some of the letters sent to the students by the alums, personal conversations, and letters received from the accepted students, all give much evidence that alums made significant contributions to the recruitment of students who will enter the College in September of 1972.

Another Admissions Workshop for Alums will be held during Homecoming week-end, October 27-28, 1972. Alums are urged to use this opportunity to prepare themselves to become better informed representatives of Southwestern. They will receive further information about the Workshop from the Admissions Office.

Another program involving alumni will be started during the year. Southwestern will provide a bus to any alumni or alumni group to transport prospective students (and their parents if desired) to Southwestern for a visit to the campus. Initially, plans will be made only for round-trips that can be made in one day (such as from Nashville, Little Rock, or Jackson). If you are interested in chaperoning such a bus-load of prospective students, please contact the Admissions Office.

And, thanks for what you are contributing to the success of the Admissions work at Southwestern.

ADVANCED DEGREES

- '48 Harriet Causey Decell, M.A., Miss. College.
 '60 Travis Glen Casanova, Ph.D., U. Miss.
 Kemia Richards Nix, M.A., Emory.
 '63 Charles McCrary, D.D.S.
 L. R. Mills, Ph.D., L.S.U.
 '64 Wynona Gillmore Mills, M.A., L.S.U.
 '66 James Clyde Butler II, M.L.S., U. Miss.
 George David Tyree, Jr., J.D.,
 George Washington U.
 Ray Wintker, M.A., Vanderbilt.
 '67 Dell Bailey Kinlaw, M.S., U. of S.C.
 Clarence Scarborough, Jr., M.Div.,
 Princeton
 James Sullivan, M.A., U. Va.
 '68 Barbara Lesh Borleske, M.A., Duke
 Aaron Carland, M.Div., Princeton
 Michael Hettinger, M.S., U. Tenn.
 Nat Kirkland, Jr., M.D., U. Va.
 Marian Oonk, M.A.T., U. of N.C.
 Michael Richards, J.D., Vander-
 bilt.
 William Wright Robertson, Jr.,
 M.D., Vanderbilt.
 '69 David Frank Elmore, M.S., U. Colo.
 Prentiss Ray Leffler, J.D., Vander-
 bilt.
 Lynda Alexander Misohak, M.A.,
 Mills College

DEATHS

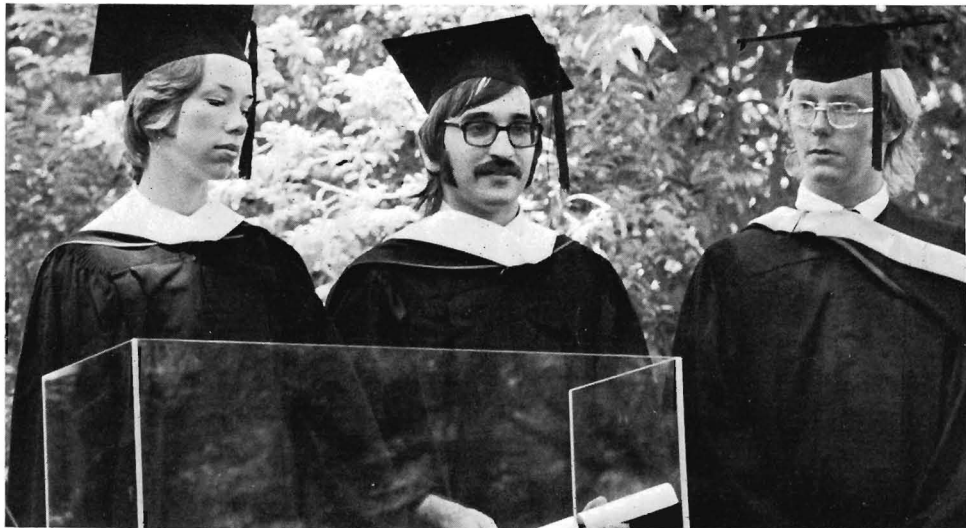
- '11 The Rev. Dr. Eugene Crampton
 Scott, March 19.
 '24 Mark B. Ryan, April 28.
 '34 Noble Dewitt Sappenfield, Jr.,
 March 20.
 '43 James Hervey Conway, May 27.
 '45 William Sayle, May 14.

WEDDINGS

- '39 Nell Pidgeon Terry to B. T. Hunt.
 '42 Joye Fourmy Cobb to George C.
 Romeiser.
 '60 Nelly Galloway to James O.
 Shearer.
 '61 Ann Roberta Kirkland to Birt
 Waite
 '62 Lynette Margaret Meade to Dr. C.
 Warren Thompson.
 '64 Martha Hinson Stone to John Dill-
 mon.
 '65 Virginia Lowry to William C.
 Phelps.
 Elizabeth Shippen to Robert Cros-
 by.
 '66 Mary Lydick to Gordon Keith
 Rogers.
 Jo Helton to Ray Wintker.
 '67 Sara Jane Turley to Jim Cole.
 '68 Priscilla Chism to Archie McLaren.
 Linda Seacat to F. Richard Fletch-
 er.
 '69 Lynda Alexander to Ronald Paul
 Misohak.
 '71 Judith Ann Kelly to David Trout-
 man.
 Elizabeth Tharpe to J. R. McCarty.
 Lynda Campbell to Roy Shannon
 McDonald.

BIRTHS

- '51 Mr. and Mrs. Walker Gwinn, a
 daughter, by adoption, Janice Vir-
 ginia, March 5, 1971.
 '59 Dr. and Mrs. John F. Rockett (Car-
 ol Ann Greaves), a daughter, Kar-
 en Elizabeth, May 21.
 '63 Dr. and Mrs. Charles W. McCrary
 (Janie Stone), a daughter, Ellen
 Stone, April 8.
 '65 Mr. and Mrs. James Kasab (Dale
 Seay), a son, Andrew Irby, April
 22.
 '66 Mr. and Mrs. William Karl Jen-
 nings, Jr., a son, John Amos, April
 21.
 '67 Mr. and Mrs. James C. Whitting-
 ton, a son, James Bradley, May
 22, 1971.
 '69 Mr. and Mrs. John Patton Black
 (Kacky Wood '68), a son, John
 Patton Black, Jr., October 2, 1971.
 Lt. and Mrs. Craig Murray (Patri-
 cia Jackson), a son, William Clark,
 July 13, 1971.
 Mr. and Mrs. John Stitt (Susan
 Gladden), a daughter, Georgia
 Cate, June 17.



*Susan Smith, Hershel Lipow, and John
 Hunt Rutledge II, first students elected to
 Board of Trustees.*

CLASS NOTES '14

Our deepest sympathy to GLEN BERRY DUNBAR, whose wife died last winter. Mrs. Dunbar, the former Emma Heflin, will be remembered by many alumni from the college's Clarksville days. The Dunbars lived for many years in McNabb, Illinois, where Mr. Dunbar continues to make his home.

'15

SAM DUNBAR operated the family farm near Woodland (Tenn.) from Southwestern days until recently, when he sold both farm and cattle and moved into Clarksville.

'30

Newsweek editor Robert Shogan examines the circumstances leading to *Abe Fortas's* resignation from the Supreme Court in *A Question of Judgment: The Fortas Case and the Struggle for the Supreme Court*. The book, for which Fortas refused to be interviewed, was published this spring (Bobbs-Merrill, \$10).

The Women's Executive Council of Memphis has named EFFIE PORTER "Woman of the Year." Altrusa of Memphis, of which she's a board member and past president, entertained in her honor with a formal reception following the Council's announcement. After graduating from SW Effie taught both in elementary and high school, then resigned to work in real estate. In 1965, however, she went back to teaching. She is a member of the faculty at Memphis Technical High School, in the bookkeeping department. Two of her favorite organizations are Memphis Little Theatre — she's been associated with it in one way or another for 30 years and is busy now working on its current building project — and the Beethoven Club — of which she's past president and present treasurer.

'33

HELEN LOWRANCE has been appointed associate headmistress of the Hutchison School, a leading girls' prep school both in Memphis and the Southeast. Helen, the first to hold the associate headmistress post, has taught at Hutchison since SW days and for years has headed the Lower School—kindergarten through sixth grade. Robert Dewese Lynn is school headmaster. Dr. Lynn is the son of the late LUCIUS ROSS LYNN '96, D.D. '16. The school was

formerly owned and directed by DR. and MRS. WILLIAM R. ATKINSON (AMELIA APPLETON) '17 '25.

'37

GWEN ROBINSON AWSUMB (MRS. WELLS), only woman on the Memphis City Council, is thriving on one of the most challenging assignments of the Tennessee political year, that of West Tennessee manager for Senator Howard Baker's reelection to the U.S. Senate. Baker, now the state's senior Senator, received an honorary degree of civil law from Southwestern in 1968.

The Memphis Board of Realtors has named LOUIS WEEKS its Realtor of the Year. Louis, president-elect of the SW Alumni Association, is sales manager of residential real estate at Boyle Investment Co. and sells land for development — not in competition with his sales force. He sold over a million dollars in real estate last year.

'38

BETTY FOLEY has been given the Ave Maria Guild's Senior Citizen Volunteer Service Award for the year. A medical social worker with Visiting Nurses Agency (a SUN affiliate) and Rosewood Nursing Home, Betty holds a master's degree in social work from St. Louis University. She's a member of the Tennessee Commission on Aging, the Mayor's Commission on Aging, the Ave Maria Guild Home, and a board member of Shelby County Occupational Shop for retarded persons and the Jessie Mahan Day Care Center.

'40

ANNE POTTS LUNDE has been promoted from Senior Underwriter to Assistant Manager of the Underwriting Department of Criterion Ins. Co., an affiliate of Geico Inc. Co., McLean Va. Former SW roommates HARRY MORRIS and W. E. LAMB visited the campus this spring. Harry owns a Lompoc (Calif.) insurance firm; "Humko" has farming interests in DeSoto (Miss.).

'45

If you were watching the TV Academy of Arts and Sciences' Emmy Awards the night of May 4, you felt like cheering when ANNE HOWARD BAILEY'S name was called out — then like cheering all over again after her acceptance remarks. She won the award, her first Emmy, for her libretto of *The Trial of Mary Todd Lincoln*, broadcast by PBS



'48

MARTHA BLACKMAN will spend the '72-'73 academic year in Poland, Czechoslovakia, Hungary, Rumania, Bulgaria and the Ukraine. She is a member of the faculty at Stanford where she has developed programs in early harp, Baroque sinfonia and plucked instruments and teaches viola de gamba and early strings. Prague will be her main base of operations for the '72-'73 session. She's one of 11 from the U.S. to be awarded IREX faculty exchange grants for research of early Central European music. Their findings will be compiled in a practical anthology on the subject. As a parallel to the research Martha wants to learn as much as she can about folk instruments and performances and their possible influence on the written music. This summer she's directing two workshops, one at Stanford in June, one in Chicago in August. Her article "A Translation of Hans Judenkunig's 1523 Lute Book" appears in the June issue of the English *Lute Society Journal*.

'48

IRA PRYON leaves Arkansas State U., where he's been an assistant professor of finance, to join the Department of Business Administration at Western Kentucky University this fall. He's a Ph.D. candidate at the University of Missouri.

'49

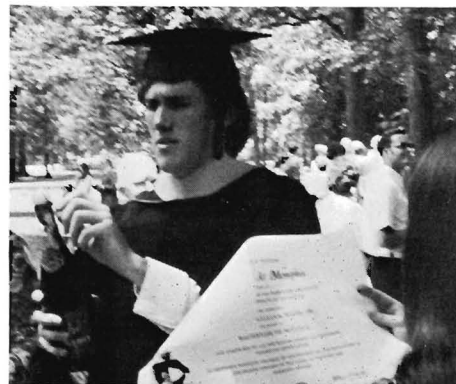
LESLIE THOMPSON was almost killed in an accident (car) in August, 1969 — broken neck, severe back injuries, etc. After seven bedridden months in the hospital he was able to begin the surgery that gradually put him back on his feet again. In the meantime he'd sold his business and home in Palm Beach and he and Peobble had bought a 60-foot yacht — "Playing the piano on water," he says, "you can blame your mistakes on the sudden ground swells or the wake from a neighbor's boat." When Palm Beach's fabulous Paramount Theatre was nearly torn down he persuaded three others to join him in preserving it as a concert hall ("the city auditorium was built for rodeos and ice shows") and is now its general manager, playing both stage presentations and movies. "In between first runs I like to do festivals of old films such as Chaplin and Fields and

the Marx brothers, and I use live music in the pit." He's on the endowment committee of the new Palm Beach Symphony. The orchestra, in order to augment its nucleus of permanent residents, encourages retirees from major symphonic orchestras to move to Palm Beach. And more about music — Leslie has organized a professional choral group of 12 singers (the Centurians), and they're scheduled for Renaissance and Baroque concerts at the Deering Estate "Vizcaya" in Miami, three of the state university series concerts, and the Republican convention. "How great it is," he writes, "to be alive today, and to be busy." (Ed. Note: Thanks to Mama and Papa Tut for sharing their letter from Leslie with the *News*.)

BETTY (BYNUM '46) and BOB UTTER hope to find time to get back to the campus for Homecoming. They'll probably manage it, too — at least, the things they ordinarily manage to do are enough to stagger a plain garden variety citizen, even in Texas. The Utters and their two sons, 21 and 18, call Ft. Worth home — and love it. Bob is vice president of World Service Life Insurance Co. He's also a past J. C. president, has been treasurer of Ft. Worth's Opera Association, president of Casa Manana Musicals, a Chamber of Commerce "Action Ambassador," host moderator for a "Hot Line" radio program and entertainer on an hour-long five-day-a-week television show, chairman of pre-season ticket sales for the Colonial National Golf Tournament and for Big Brother Golf Tournament, Boy Scout Council member, and chairman of various United Fund and Community Pride Campaign committees. Betty founded the Youth Orchestra of Greater Ft. Worth and was a founder of the Youth Orchestra Association, is a former vice president of Ft. Worth's Opera Guild and the Ft. Worth Symphony League. She's worked in professional capacities in opera, oratorio, radio, TV, concert, and recordings. She's been a fashion coordinator too, had a byline in Ft. Worth's Chamber of Commerce Magazine, and composed two musicals, *Heidi* and *It Happened in Hamelin*, which have had full scale productions — professional casts, full orchestra, etc.

'50

MILLEN DARNELL, associate minister at Evergreen Presbyterian Church, is the 1972-73 president of Memphis Ministers Association. ANNE (DAVIS) and JOHN TOPPINS have moved from Dallas to Tuscaloosa,



where John will be Assistant Director of Development at Stillman College.

'51

Gov. Winfield Dunn and Senator William Brock, Tennessee co-chairmen of the committee to reelect President Nixon, have named JOHN THOMASON as Shelby County chairman. John, an attorney, was chairman of the Tennessee Lawyers Committee for Dunn in his race for governor in 1970, and had previously been active in other areas of Republican politics.

'52

JOHN COCHRAN was elected in the fall as director of the Edie Special Growth Fund and the Edie Special Institutional Fund, two mutual funds sponsored by Lionel D. Edie & Co., Atlanta. John, a Georgia State University professor of finance, holds the doctoral degree in business administration from Harvard.

'55

BETTIE (WORTHINGTON) and BILL SHENK have moved back to the Memphis area and are living in Collierville with their daughter, 16, and son, 14. Bill is now the Associate General Presbyter for Education of the Memphis Presbytery.

'56

The Southern Branch of the American Public Health Association has awarded EUGENE FOWINKLE the first annual Charles G. Jordan Memorial Award, made to the person in the southeastern area (16 states) who shows the greatest "demonstrated potential for achievement in the field of public health." Eugene is Tennessee's public health commissioner.

'58

BOB BOOTH graduated May 4 from the Advanced Management Program of Harvard's Graduate School of Business Administration. The program was established in 1943 to prepare experienced executives for the responsibilities of top leadership. Classes last for three months. Attending this, the 63rd class, were 161 senior executives from business, government, and the military from the U.S., Canada, and 19 foreign countries. Bob is Assistant Treasurer of C.I.T. Financial Corporation, N.Y. He and BEVERLY (DOTSON '60) live in Fayson Lakes, N.J.

The film "Dear Dead Delilah," starring Agnes Moorehead, is JOHN FARRIS'S first step in the field of movie directing, and he expects to follow it up by adapting and directing the screenplay for his novel *The Captors* sometime this year. Other Farris novels include *Harrison High*, written while at SW, *The Longest Night of Dawn*, *King Windom*, and *When Michael Calls*. *Harrison High* was the basis for the 1960 film "Because They're Young;" *When Michael Calls* was a recent made-for-television movie; and another Farris work, "The Death of the Well-Loved Boy," was a 1967 Off-Broadway presentation.

LILA WRAPE SAUNDERS (MRS. J. TUNKIE) is president of the Dyslexia Foundation of Memphis, a group organized three years ago by parents of children with dyslexia, a perceptual handicap that hinders reading and writing. Specially trained tutors (often parents, though a parent never works with his own child) work with the children on a one-to-one basis every Saturday morning throughout the school year, teaching them how to compensate for the disability.

'59

JULIA SIMMONS is the new Minister of Education at Westminster Presbyterian Church, Birmingham.

WALKER WELLFORD is '72-'73 chairman of the Memphis American National Red Cross Chapter and Julius Melton, SW Director of Deferred Gifts, vice chairman. Walker is vice-president of the Business Development of Memphis Bank and Trust.

'60

JOHN BLAIR is working in New Orleans with a Federal Program for Cuban refugees.

'61

KENNETH BARKER has been reelected to a two-year term on the faculty Senate at Canisius College (Buffalo), where he's an assistant professor in biology. The Barkers—Mrs. Barker just finished her first year of med school—are doing research this summer on chromosome structure.

GINNY (TAYLOR) and SAM DRASH have moved to Atlanta where Sam will be assistant principal of the high school section of Lovett School. He will also teach American History and be head coach of the 8th grade football team. DIANE LOWE FOWLKES has received a Woodrow Wilson Dissertation for the 1972-73 academic year and this summer will study mathematical applications of political science at the University of Michigan under the sponsorship of the Inter-University Consortium for Political Research. The dissertation fellowships enable recipients to devote their full attention to dissertation research and writing. Diane, a graduate student in political science at Emory University, is studying "The Relative Effects of the Family, School, Peer Groups and Mass Media on the Political Socialization of Youth."

'62

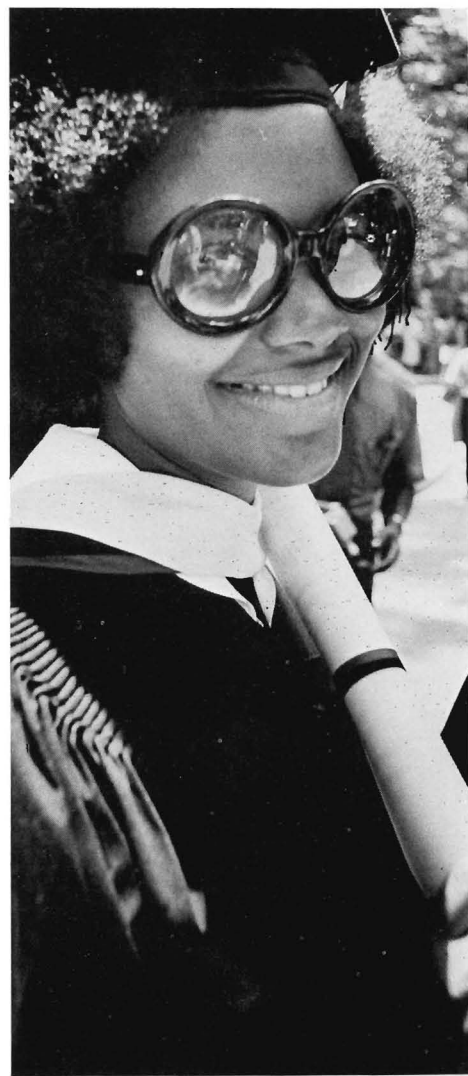
BILL BROWDER is the new Fiscal Director for the Seventh Ward General Hospital in Hammond, La. He and MARGARET (DARDEN) continue to live in Baton Rouge and Bill commutes via interstate.

DIANE (McCULLOUGH) and Charles CLARK have a new home in Whitehaven, a Memphis suburb where Diane is Director of Christian Education at Whitehaven Presbyterian Church and soprano soloist with the choir. Among other Southwesterners on the church staff are the minister, BILL BROWN '50, D.D. '69; FRANCES OWENS BARCLAY (Mrs. F. B.) '32, assistant secretary; and LOU BANKS FULTON '65, music director. Diane was recently elected president of the Memphis Alumnae Chapter of Sigma Alpha Iota professional music sorority, and is teaching several private voice students. Her husband teaches orchestra strings in Memphis elementary schools.

LEON RUSSOM is appearing regularly on the CBS TV soap, "Love Is a Many Splendored Thing."

'63

MARY LOU (JONES) and Joe ARMSTRONG return to Addis Ababa in Sep-



tember for another three-year tour with the Naval Medical Research Unit there. Joe will continue his research on malaria. Bon voyage wishes will reach them meanwhile at 1600 Northcrest Drive, Silver Spring, Md. 20904. Mary Lou says she's looking forward to seeing more of Ethiopia on this tour "as our children, Jamie, 6, and Kerry, 4½, are a bit more portable."

JACK BROWN, who got his Ph.D. in French at Chapel Hill last year and joined the Ole Miss faculty for the '71-'72 session, is teaching a new course in Old French there, as a stepping-stone toward offering a doctorate in French. The new course series, according to a January University publication, examines the language and literature of a period previously left unstudied at Ole Miss—from 1000-1300 A.D.

JANIE (STONE '65) and CHARLES McCRRARY have bought a home at 1561 Vinton Avenue in the Memphis Garden District and Charles is practicing pediatric dentistry. (See Advanced Degrees and Births.)

L.R. MILLS is an assistant professor of physics at the College of Charleston. NONIE (GILLMORE) taught high school in Baton Rouge for three years after getting her M.A. in American History at L.S.U., while L.R. earned his Ph.D. (August, 1970). TOM SCOTT'S election as president of UC Leasing, Inc. was announced May 16. UC Leasing, a subsidiary of Union Service Industries, Inc., writes long-term, full payment leases on selected types of general equipment usually in the \$50,000 to \$500,000 range. Tom has been with the firm since its formation four years ago. The leasing company provides tax shelter for USI earnings, takes advantage of USI debt capacity, makes use of the cash throw-off of USI's cotton warehousing operations. After graduating from SW, Tom and BETTE CAROL (THOMAS) lived in Madison for two years while Tom earned an MBA degree at the University of Wisconsin, then went to Nebraska for a year before returning to Memphis.

LIBBY McGAVOCK WHITTLE say she's already looking forward to the Class 10th Reunion next year . . . not too soon to be thinking about it. A few months ago she ran into GLENN WILLIAMS '61 at a U. of N.C. at Greensboro faculty intramural basketball game. Both he and Heath Whittle teach at UNC-G. Libby, Heath, and the kids are summering at Brevard, N.C., where Libby and Heath direct Rockbrook girls' camp. This fall Libby will teach kindergarten again. Our deepest sympathy to her and to her sister MARGARET (MRS.

ROBERT WELSH '61) on the death of their mother last February.

'64

MARTY (HINSON) and John DILLMON now live in St. Charles, Mo.

'65

LIB (SHIPPEN) and BOB CROSBY are now living in Tustin, Calif., where Bob, a Captain, is maintenance officer of one of the helicopter squadrons at MCAS Santa Ana. They were married in January at Subic Bay Naval Base in the Philippines, where Lib had been teaching for the last several years.

LEWELLYN WOOD GREENWOOD will be one of the 23 elected Mississippi delegates to the 1972 Democratic Convention in Miami.

'66

BILL LENEAVE has received the Distinguished Flying Cross for action as a C-130 pilot on two extremely hazardous resupply missions to Thien Ngon Airfield, Vietnam. He was honored in ceremonies at Little Rock AFB, Ark., where he now serves as a Captain with a Tactical Air Command unit.

LUCY (BARTGES '67) and DAIL MULLINS have moved to Birmingham where Lucy works for the Welfare Department and Dail is a med student at the University of Alabama.

RAY WINTKER has been working on his doctoral degree in psychology at Vanderbilt since getting a master's there last summer. He and Jo Helton were married last November.

'67

Mayor Wyeth Chandler recently named BARRY BOGGS to the Memphis Drug Abuse Commission.

JIM COLE (See Weddings) is now a staff writer for the *Commercial Appeal*. After graduating from Southwestern he took an M.A. at the University of N.C. at Chapel Hill and taught history at N.C. State U. at Raleigh and at the U. of Md. Extension in Germany.

RICHARD JENNINGS has been named Vice President and Director of Special Projects of Griswold-Eshleman advertising agency, Cleveland, Ohio. The 60-year-old Cleveland based company has offices in five U.S. and five European cities, and one each in South America and Australia. Dick, VIVIAN (BOLEN), and their two children live in Shaker Heights.

CAROL CRUMP KING is working in the

offices of Rep. Dan Kuykendall (Republican, Tennessee).

JIM MOON has been named head wrestling coach and assistant football coach at Battle Ground Academy Franklin, Tenn. A '63 graduate of BG and a member of the school's original wrestling team, he will also teach math and economics at the Academy. In the past five years, Jim set up three wrestling programs—he was at Whitthorne Jr. High in Columbia for a year, Oak Hill School for a year, and at Murfreesboro Central High, where he trained the 1972 heavyweight state champion for three years.

ANNE WELSH ROBERTSON has moved from Detroit to Atlanta.

BO SCARBOROUGH is assistant minister at First Presbyterian Church Brooklyn, New York. He received his M.Div. degree from Princeton Theological Seminary in June, 1971.

JIM SULLIVAN earned a master's degree in developmental biology at the University of Virginia and is presently working on his Ph.D. in wildlife biology at Virginia Polytechnic Institute.

'68

Union Planters National Bank, Memphis, elevated SCOTT ARNOLD to officer status in May.

BARBARA LESH BORLESKE (MRS. STEPHEN) wrote in May that in a few months her husband will get his Ph.D. in chemistry from Duke and they will move to Wilmington, where he has a job with DuPont. Barbara has a master's in chemistry from Duke.

AARON CARLAND got his M.Div. degree from Princeton in May and has been ordained pastor of Craig and Hy-daburg Presbyterian Churches in Alaska.

NAT KIRKLAND got his M.D. from the University of Virginia in June and is doing the first of a three-year family practice residency at University of Virginia Hospital, Charlottesville.

PRISCILLA CHISM McLAREN is Director of Information and Education for Memphis Planned Parenthood Association.

JANE (MANDO) and Ken MEEKS are finishing a year's internship in Benson, N.C., where Ken serves two small churches, one in town, one rural, and Jane has taught senior English and dramatics at the local high school. They'll return to Richmond this fall for Ken's senior year at Union Theological Seminary. During their first two years in Richmond Jane was a recreation therapist for retarded children.

MIKE RICHARDS took his law degree at Vanderbilt in December and is prac-

ting law with the firm of Heiskell, Donelson, Adams, Williams & Wall, Memphis.

BILL ROBERTSON got his M.D. from Vanderbilt in May and will intern at the University of California (at San Diego) Hospital.

BONNIE (FORT) and Charles SPANN have moved from Little Rock to Dallas. CYNTHIA (GLADNEY '70) and DON STEELE are in Richmond, where Cynthia works in the customer department of Presbyterian Book Store and Don is in his last year at Union Theological Seminary.

ERIC WILSON has been recognized for helping the U.S. Air Force's only EC-121 Constellation wing earn the Air Force Outstanding Unit Award. A first lieutenant, he is a weapons controller with the Aerospace Defense Command's (ADC) 552nd Airborne Early Warning and Control Wing at McClellan AFB. The unit received the award for exceptionally meritorious service from March, 1970, through May, 1971, and was cited for accomplishing diversified missions in Southeast Asia, Japan, the Republic of Korea, Iceland, and the continental United States.

'69

KACKY (WOOD '68) and PAT BLACK (see Births) live in Little Rock where Kacky teaches 6th grade and Pat's a senior in med school at the U. of Ark. PAT DOLAN finished his sophomore year at Tulane Medical School this year.

SALLY (STONE) and JOHN EVERETT are living in Dallas — 3122 Park Lane, Apt. 120.

LYNDA ALEXANDER MISCHAK (MRS. RONALD) plans to begin working on a doctorate in organ performance at Stanford. She got an M.A. in music literature at Mills on May 28 and she and Ron were married June 10. Ron taught biology at Memphis State for three years and is working on his Ph.D. in immunology.

SUSAN (GLADDEN) and JOHN STITT have moved to Macon, Georgia — John finished his M.B.A. at the University of N.C., Chapel Hill, this spring and is a sales representative in Georgia and Florida for Buckman Laboratories. They'd love to hear from any Southwesterners nearby. For more Stitt news, see Births.

'71

A news release from Princeton Theological Seminary, where OTHA GILYARD is in his junior year, announces his recent installation as pastor of the Baptist Church, Hopewell, N. J.

J. R. McCARTY and Elizabeth Tharpe were married in Memphis June 17 and are living in Houston where she's a student at the University of Houston and J. R. is going to Baylor College of Medicine.

BETTY PEEBLES was granted a summer scholarship from the Italian government, to study sculpture in Italy. She left for Italy June 16th and will receive an award from Italian dignitaries and make her acceptance speech in Italian before returning home for her second year of graduate school at the University of Georgia. She has an assistantship in sculpture for next year and hopes to begin doing some teaching.

ALUMNI MEMO:

Homecoming and Class Reunions are October 27-28.

Meanwhile, keep in touch through the *News*.

Write Jeannette Birge, editor, *Southwestern News*, 2000 North Parkway, Memphis, Tennessee 38112.





SOUTHWESTERN NEWS

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