YOUTH OPT FOR CHRISTIAN EDUCATION
Clear purpose needed!

"There is one thing that deeply concerns me. It is that those working at the University need a new awareness as to why we are here and the job we have to do. I really feel that this is important, not only to be conveyed to faculty, but to students as well. If we have only the motivation of making money, we have certainly lost our vision and might as well close our doors."

Lawrence E. Davidson
Honolulu, Hawaii

More on VA Hospital

I do not see the dangers in having the VA Hospital in our vicinity that some seem to see. Were it not to be located where first suggested it would have been unfortunate, but three-quarters of a mile or so should not be "dangerous." It will give our institution a wonderful opportunity to "shine." If those who come there find what the Lord intends they should find, they will be leaving the praises of Loma Linda. Not a few may also be led to inquire further into what Seventh-day Adventists teach and believe.

R. R. Figuhr
Angwin, California

As an Adventist and a Veteran's Administration employee of many years, I would like to offer my views concerning the proposed VA hospital coming to Loma Linda University.

A few years ago when the prospects of Loma Linda were being speculated upon as a possible site it seemed unbelievable. This was just too good to be true! Even as the speculation turned into probable reality, the whole idea seemed like an impossible dream.

The editorials, articles, and letters, pro and con, have been extremely interesting to me. I believe the letter by L. Biggs sums up my feelings very well. It is tremendously exciting to think that the Lord has opened up the way for this great event to take place. What a challenge this can offer to all concerned! I personally feel very proud that my government placed such high values on what Loma Linda University stands for that their decision was made to build nearby and affiliate with our medical center. A reciprocal benefit can be obtained by both institutions. Family and church ties have always brought Loma Linda University close to me in many ways and I am equally as hopeful for the many new opportunities the VA can bring to LLU.

Three of the four VA hospitals that I have worked in as a professional nurse have been affiliated with large university medical centers. My husband is a denominational worker; therefore, we have moved around considerably. The relationship between universities and the VA hospitals is strong; however, I have observed that it is the Deans' Committee of the university that sets much of the local policy and guidelines for operation—especially in the professional services. It would surprise me if serious problems were not to arise in this area. This is not to say there won't be any problems. Of course there will! Isn't this almost always true in any large organization? With mutual understanding, trust, and cooperation even major areas of differences can be resolved.

As a church, let us unite and be proud that Loma Linda University will have an affiliation with the nearby VA hospital. President Nixon stated that this new addition to the VA system of over 160 hospitals could be theiest in the nation. Let's not make those "just words"! Let's make it a spectacular reality!

I hope it would be a real privilege to someday serve in the Veteran's Administration Hospital, Loma Linda.

I wish to commend you for "A Necessary Response" in the last issue. I agree with you brethren 100 per cent.

Watson Buckman
Lansing, Michigan

I hope that all interested parties and constituents of the church and the University will marshal their respective positive inputs and help the Veterans Administration establish a quality institution, which should reflect credit on the principles we espouse. This will require plenty of Christian charity on the part of some of us—maybe more than we have.

Milton Murray
Dayton, Ohio

About government aid

While it may seem inappropriate to sound a discordant note amidst the general jubilation over Loma Linda University's good fortune in receiving a $50 million Veterans Hospital as a functional gift, I have a question which deserves our attention. Would the jubilation be as large if it were an undergraduate liberal arts campus that would be the beneficiary of this government largesse? Every time I ask myself the question, I seem to receive the same answer. The whole project would be instantly scotched on the "separation" theme. In other words, if we are preparing to substantially abandon our strict anti-federal aid position, are we also preparing to do this in a comprehensive and consistent fashion?

George W. Colvin, Jr.
Glendale, California

Editor's note: "Government largesse" hardly seems an accurate term for describing an agreement for clinical training programs in a nearby VA hospital. Most Adventist colleges utilize government-operated schools, hospitals, community agencies, or prisons for student training purposes. Nor is your reference to "our strict anti-federal aid position" supported by facts. The church has sought and accepted property, war surplus goods, tax exemptions and grants. In many countries direct gifts, as well as educational and hospital grants and subsidies, are accepted. There has been and is a policy preference in this country to decline some forms of government aid.

Student evangelism

Recently the University News Service mailed out the very interesting story of the involvement of the ministerial students at the La Sierra campus in Mission '72. It was a most thrilling experience to read what is being done here and I am sure this experience will help to make these men more productive ministers for the Lord.

A. G. Streifling
President
Nevada-Utah Conference

Minister physician team

Here's what I'm concerned about. I want to see men get through a ministerial course of study and men get through a medical course of study and still be able to talk together. They should be able to work as a team, the kind of gospel team that this world has not seen much of but desperately needs. In my opinion, there's been too much mistrust and isolation and self-sufficiency on both sides of our team.

Kenneth Sutter
Ferndale, Washington

Continued on page 32

Opinions expressed on this page do not necessarily express those of the editors or of Loma Linda University.
University Trustees approved sale of additional University acreage to the Veterans Administration for development of the VA hospital campus, which will, with land to be secured from the Redlands Unified School District, include 38 to 39 acres. According to President David J. Bieber, the new hospital will be constructed on the eastern portion of the plot and will face the University. VA hospital planners and architects are currently collaborating with University Medical Center administrators in comprehensive studies designed to avoid costly duplication of services and facilities, and to maximize benefits resulting from operation of the new hospital.

Robert H. Pierson, president of the General Conference, told University Trustees recently that the University is an integral part of the church and that everyone involved with it must be motivated by service to mankind. Neal C. Wilson, president of the North American Division, said that those working at the University need a new awareness as to "why we are here and the job we have to do."

The President's Committee has appointed a task force to be known as University Staff IV. Its purpose is to counsel and advise University Relations personnel in identifying and meeting interpretation needs of the University. Chairman of the group is Norman J. Woods, PhD, associate dean of admissions and student affairs. Serving with him are John W. Ellick, PhD, chairman of the department of anthropology; Alice E. Gregg, assistant librarian; Robb Hicks, special representative; Brian J. Jacques, PhD, chairman of the communications department; Vernon H. Koenig, EdD, dean of University extension; and Donald L. Peters, DDS, clinical director in the School of Dentistry. "The University exists for the sole purpose of preparing qualified young people for service to humanity and the church," said President David J. Bieber. "We intend to do a better job in communicating our philosophy and mission."

John W. Ellick, PhD, chairman of the department of anthropology in the College of Arts and Sciences, was named associate dean for academic standards by University Trustees. Fritz Guy, associate professor of theology and philosophy, was appointed associate dean for curriculum. He and Dr. Ellick will assist newly appointed dean Norskov V. Olsen in administering the college. Kenneth L. Vine, PhD, professor of Biblical Studies and former president of the Middle East College, will succeed Dr. Olsen as chairman of the college's department of religion.

In a report to University Trustees, Willard H. Meier, EdD, dean of the School of Education, said that 405 students will have completed their teacher preparation programs during a four-year period ending in June. He said that 38 students will complete their teacher preparation programs this summer, and that 178 teachers will have earned their Master of Arts degree during the same period. He reported that 296 students are currently enrolled in graduate programs.

Paul Heubach in the division of religion has been appointed to a Pacific Union Conference committee authorized to study the growing divorce rate among Adventists. Findings and recommendations leading to prevention will be reported to the church's leadership.

University Trustees voted recently to approve validation of degrees in chemistry, biology, and mathematics at the Middle East College in Lebanon. The college is an affiliate of LLU. Vice President for Academic Affairs Robert E. Cleveland said that the college is doing a good job with qualified personnel to handle these degrees.
Nancy Reagan, wife of California's Governor Ronald Reagan, met with women teachers on the La Sierra campus to discuss the role of women in community volunteer programs. She said that women motivated by compassion and concern can improve the quality of our society. She expressed a desire "to know the people of California better." Approximately 200 La Sierra women attended the luncheon event.

Congressman Jerry L. Pettis has been selected to serve on a 16-member Republican Task Force on National Health. The task force will conduct an independent investigation on the status of health care services in the US, and explore the feasibility of several recently proposed legislative programs in the health field. Pettis is a member of the House Ways and Means Committee, which will formulate any forthcoming legislation on national health insurance. Subjects for special attention by the task force include comprehensive and catastrophic health insurance, creation of health maintenance organizations, health education and illness prevention, and prescription drug costs.

In a recent report, Vice President for Student Affairs Tracy R. Teele said that international students represent from 10 to 11 percent of the University's student body. He said that approximately 68 student missionaries would work in foreign countries this year, 20 of which would put in a full year of service.

A committee to evaluate spiritual programs and develop a new spiritual thrust on the Loma Linda campus has been organized. Chaired by Vice President for Student Affairs Tracy R. Teele, University Church pastor William Loveless, EdD, Associate Dean of Admissions and Student Affairs Gaines Partridge, EdD, acting chairman of the division of religion Jack Provonsha, MD, PhD, and youth pastor Richard Gage, will work with Dr. David J. Bieber in achieving the committee's objectives.

In spite of the general teacher surplus in elementary and secondary levels, the church's educational system is experiencing shortages in several areas. According to Willard H. Meier, EdD, dean of the School of Education, there are openings for men teachers for grades 5, 6, 7, and 8; on the secondary level, there is continued need for teachers of mathematics, English, physical sciences, business, industrial arts, and girls' physical education. And, says Dr. Meier, "qualified Bible teachers are still difficult to find."

Three School of Nursing faculty members received honors at the Association of Seventh-day Adventist Nurses (ASDAN) meeting in Detroit, Michigan, late last month. Dean of the nursing school Marilyn J. Christian was elected president; Maxine Atteberry, professor of nursing, was elected to the 1972 Hall of Fame; and Clarice W. Woodward, associate professor of nursing, was picked as Nurse of the Year for 1972.

Twenty-nine physicians took a specially administered American Board of Family Practice examination this month at Loma Linda University. Because the test is regularly scheduled on Saturday, the Board of Family Practice allowed the University to give the exam Saturday night and Sunday. The only non-Seventh-day Adventist taking the test was an orthodox Jewess from Malone, New York, who flew in just for the weekend.
AFTER 100 YEARS

The 1872 decision of James and Ellen White, John and Anne Kellogg, and other Adventist stalwarts at Battle Creek to establish an independent educational system for the Church's youth did not come without conflict. The membership, preoccupied with fledgling medical ministry, publishing, and evangelism programs, resisted any new burden.

Not a few believers were satisfied with the status quo. Adventist parents had already arranged to subsidize the support of an Adventist teacher in the city's Number Three Ward School (NTWS). Others held that the Church should limit itself strictly to instruction in religion.

The pioneers acted to provide comprehensive education only when they were led to understand the pervasive nature of the gospel. "It isn't enough to see religion as something to be added to other learning," they concluded. "It has to do with the whole being." So a simple shelter with rough plank benches was built on Washington Street, with Goodloe H. Bell as teacher.

One hundred years and 4,675 schools later, Adventists are confronted with the same option. Many feel the price for a complete system for all their youth is too high. Others see Christian education as essential if the Church's youth are to carry Christ's gospel to the world.

Educators at Loma Linda University are committed to the option implemented in 1972. They believe that "education has to do with the whole being."

WHAT ABOUT THE SOCIAL GOSPEL?

Few subjects disturb the minds of believers as deeply as the "social gospel." Purists in conservative evangelical camps view social action as a distinct threat to Christian witness. Others, accustomed to traditional ministries, balk at innovative efforts designed to meet valid human needs, fearing that new approaches somehow militate against "the Gospel." On the other hand, many compassionate Christians are labeled "activists" or "liberal" because they believe in working to alleviate the human condition.

Seventh-day Adventists and other church groups were significantly involved in social action programs in the middle of the nineteenth century. The social commitment of the Adventists was formidable. The embryonic church prodded mainly by James and Ellen White, launched ambitious programs in health reform, the ministry of healing, education, abolition, and prohibition.

The faithful expanded the church's social thrust to include comprehensive inner-city programs, homes for the aged, and orphanages. Toward the end of the century, Alonzo T. Jones and others forged an almost militant religious liberty emphasis. Women in the church became active in distributing used clothing and, more recently, disaster relief programs were developed in many nations. Ellen White gave enlightened emphasis to environment and the meeting of nutritional needs through agriculture.

While Mrs. White, whose writings exerted profound influence, encouraged many lines of work, she gave prior attention to health reform, healing and education. At times she warned against investing too heavily in programs that might absorb a disproportionate share of the church's resources. She consistently and persistently thought in terms of an aggressive world mission reaching and benefitting all classes and nations.

The health reform and healing ministries especially were viewed as having the requisite universal appeal, and they related closely to the church's distinctive beliefs about the nature of man. Because of their multi-class appeal, they also had built-in support resources. Throughout her life Mrs. White gave these ministries singular and sustained emphasis.

Synchronous to the general increase in social action on the part of the Protestant churches was a revolution in theology. German Biblical criticism challenged the sovereignty of the Scriptures, as did promotion of Darwinian evolutionary theories. Sigmund Freud's psychology and the social doctrine of Karl Marx influenced many thoughtful people in the churches. Meanwhile, the rapid growth of science led many whose faith in revelation had been shaken to believe in a man-made utopia, to be realized through social and industrial progress. For many, including some Adventists, social gospel programs became ends in themselves.

Not a few concerned Christians, and especially those in the evangelical traditions, came to feel that social action was getting out of hand. Some eventually saw the social gospel to be in opposition to a "Word"-oriented gospel. A division developed between conservatives and proponents of the social gospel.

A parallel ideological rivalry divided Adventists. The ministry, led by such men as Arthur G. Daniels, felt that the church's healing arm had overshadowed other branches of the work. Physicians led or inspired by John Harvey Kellogg felt rejected and became increasingly independent. A few stalwarts in each discipline recognized that the genius of Adventism existed in a preaching, teaching, healing ministry focusing on a unity or composite of human need. They hoped for a common ministry, involving physicians who preached, and preachers who healed. Though their hopes were fractured by the apostasy or expulsion of Dr. Kellogg early in the twentieth century, they were sustained through the founding of the College of Medical Evangelists at Loma Linda.

While the Church has benefited greatly from the dedicated services of patient men and women in both ministries, it must be admitted that residual rivalry exists in the minds of some. Ideological differences are still reflected in divergent concepts of the gospel and the role or importance of what is called the social gospel. The education of ministers became and remains separated from that of physicians and others in the health professions.

Adventists are currently in confusion and conflict over this historic issue. Inter-disciplinary misunderstandings threaten the growth and mission of the church at a time when resources and opportunities for service exceed our most sanguine expectations. Too many on both sides are preoccupied primarily with their own programs and methodologies. If Christ's gospel is to be communicated effectively, the truth about God and His will must be focused on contemporary man. The service of Spirit-guided men and women will be Christ-centered, innovative, flexible, and relevant to human need.

The Christian gospel is one gospel. It should never have become dichotomized. Without down-to-earth service to people, it is hollow and hypocritical. Without the Word, it is uninspired and self-serving.

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ADVENTIST YOUTH LOOK AT
CHRISTIAN EDUCATION

Loma Linda’s undergraduate college reaches new enrollment levels at a time when many youth consider a college education “not worth the effort.”

While enrollment in private colleges across the nation declines precipitously, Loma Linda University’s college and eight schools each report unprecedented gains in admissions this academic year. What is responsible for this growth in campus population?

One veteran educator cites increased world interest in health and delivery of health care services. Young people are essentially realistic, he says. They are moving to fill the growing need for practitioners in the healing arts.

While this theory seems valid for the health-related schools, it is inadequate to explain substantial gains in the College of Arts and Sciences in fields hardest hit across the nation. One view suggests that the college is merely regaining its identity in the minds of California Adventists. It is suggested that the traditional image of a rural, church-related college was blurred when La Sierra College was merged with Loma Linda University. “The people are beginning to realize that the college has not only retained its character and environment — it has gained academically, and is now in a position to offer resources not available to an independent college,” says a University administrator.

An informal survey of students on the La Sierra campus indicates a change in thinking among the church’s youth. A coed from Glendale believes that young people generally are more aware of the value of an education that is Christ-centered. She says that young people are no longer embarrassed by talk of religion and spiritual needs.

An administrator who frequently represents the University at church groups and academies says that the new quarter system, with its four-hour classes, makes sense to many young people. The popularity of the new interdisciplinary program is evidence of student interest in educational programs utilizing new and emerging concepts of learning. Traditional approaches in which various subjects and disciplines were rigidly separated gave way to a more natural unified concept of learning. In addition to this experimental approach, there is, in both the College of Arts and Sciences and in the School of Education, a comprehensive reorganization of general studies.

A science major who came to La Sierra after two years in another Adventist college says that while he came to take advantage of the University’s program in biology, the most gratifying feature of his school program is the manner in which religion courses are integrated with liberal arts and science classes. A vivacious blond in pigtails came from an eastern state because of the University-sponsored inner-city projects appealed to others.

A number of students say they came because of an opinion that students participate in University governance. Actually, a hundred students are voting members of essential University committees. Still others gave the increased availability of work and stu-
dent aid programs as their reason for choosing Loma Linda. A pre-dental student said he had heard that the dormitory dean was not only popular, but had been exceptionally helpful to students.

Bonna Rodgers is a sophomore majoring in physical education. A graduate of Orangewood Academy, she opted for La Sierra “because most of my friends were here, and because I believe Christian teachers make a difference.”

John Krell, a senior communication arts major, came to the La Sierra campus “because it offered courses in film production. John is enthusiastic about the newly organized communications department. He believes it to be superior to anything offered elsewhere.

Jeff Sage, a sophomore pre-dental student, says he came to La Sierra because he thought it was the best way to get into the School of Dentistry. He, too, praises the residence hall dean in Sierra Towers. “He’s always trying to help and encourage the students. He’s a real nice fellow. College life’s a lot more fun if you can like your dean. The students here are friendly, and they’re really involved in what’s going on,” he said.

Fred Baker, a pre-law senior, is majoring in political science. He considers the political science department outstanding. “Furthermore,” he says, “I’m an Adventist and think I should support what I believe in.”

Theology student Douglas Robertson says he came to La Sierra because his parents “really believe in the college.” Douglas indicated that he believes in it too. “This school has a real religious atmosphere.”

Nicholas Golay, who hopes to be a journalist, says, “It’s been a very rewarding experience to be a student here. I’ve made friendships that will stand the passing of time. We do have a religious atmosphere here. I, for one, appreciate that.”

While some students thought that the college was out-pricing itself, others expressed approval of the diversified work program. Several students voiced the need for an adequate gymnasium, and were enthusiastic about University plans to build a new recreation complex in the near future.

Robert Osmunson, associate dean of admissions, says there will be no let-up in the University’s recruitment programs. “We have a quality product, and we intend to let people know about it. Our new approaches in education make sense. I’ve found that when Adventist young people understand them, they conclude that a Christian education is well worth the price.”

University president David J. Bieber believes that a more accurate image of the undergraduate programs is developing among the school’s constituents. “People are beginning to see La Sierra as an authentic Christian college with the additional advantages of a sophisticated and reputable education and science center,” he said.
New approaches to learning transform a bewildering burden of subjects and courses into a meaningful and sometimes exciting growth experience.

Though the sum of human knowledge has been burgeoning, little progress has been made in finding more effective methods of relating this knowledge explosion to the capabilities and idiosyncrasies of the human mind.

While the resources of the mind are believed to be almost limitless, thoughtful educators are awakening to the realization that the mind cannot be likened to a bucket to be filled with vast quantities of information, nor to the memory disk in a computer to be filled with data. An organ of infinite complexity, the mind is inextricably a part of a growing, maturing person who must, if he is to be successful, deal with a staggering complexity of problems, relationships, and emotions.

Development and utilization of a student’s cognitive capabilities deserves more attention than it has been getting from educators who have too frequently been discipline, rather than student-oriented.

Teachers at LLU are challenged by the very nature of this remarkable age to find more effective approaches in educating the church’s youth. In responding to this challenge, they have been learning much about learning. Faculty from all of the schools meet each year in University-sponsored learning conferences and workshops. A group of educators, known as Staff I, is authorized to recommend curriculum changes in the various schools. As a result, new and revolutionary practices are emerging in the different schools (see President David J. Bieber’s “What We’re Learning About Learning,” page 20).

The interdisciplinary studies program in the College of Arts and Sciences is an example of innovative and thorough curricular revision. More than 50 freshmen were admitted to the experimental program in September. The new program provides a context for encountering the broad spectrum of knowledge essential to an education in the liberal arts and sciences. It accounts for approximately half of the student’s course work during his first two years.

A comprehensive view of man and his world

The new program consists of two concurrent series of wide-ranging integrated courses. One series focuses on Human Being and Behavior and explores the structures and dynamics of personal, social, and religious life. The other series focuses on the development of ideas and emphasizes scientific thought, the arts and religion.

Purpose of this approach is to help the student achieve a comprehensive view of man and his world, to encourage independent study, and to give increased opportunity for pursuing individual interests.

The program is an alternative way of meeting most of the general requirements for the bachelor of arts degree. It reduces the amount of time needed for these requirements, because the course work is carefully integrated into a unified whole, and because the program involves a limited number of interested and qualified students.

In addition, the program meets the minimum non-science portion of the pre-professional requirements listed by the Schools of Medicine.
and Dentistry. In the School of Education, it meets many of the requirements for a diversified program in elementary education. Centered on the La Sierra campus, the program is sponsored by the College of Arts and Sciences in cooperation with the Schools of Medicine, Dentistry, and Education. It draws on the educational resources of the entire University.

**Factors that contribute to personal identity**

The first year sequence in Human Being and Behavior examines the many factors that contribute to personal identity and influence human behavior. These factors come from both heredity and environment, and include cultural, chemical, physiological, economic, political and religious elements.

At the same time, the first year sequence in the development of ideas concentrates on the place of science in western thought and culture. This study includes the history and philosophy of science, its methods and limitations, its impact on life and the natural environment, and its relation to Christian faith. A highlight this year is a weekend field trip to observe geological formations in the Grand Canyon.

The second year sequence in Human Being and Behavior studies the group context of human development and the social aspects of behavior, including the ecological, the institutional, and the inter-organizational. The second year sequence in the development of ideas explores western and non-western literature, music and visual art in the light of their cultural setting.

Students in the program registered in the College of Arts and Sciences, will, upon completion of the two-year course, have met the following general requirements for the Bachelor of Arts degree: communication skills, 8 to 12 units, depending upon the student's performance in written and oral communication; humanities, 32 units; natural sciences, 8 units; personal and social relationships, 8 units; and religion, 12 units.

Students who register through the School of Education will have satisfied requirements in English and speech, 8 to 12 units; humanities, 32 units; natural sciences, 8 units; social sciences, 8 units; and religion, 12 units.

The program is directed by teachers from both campuses. Coordinator of the program is Fritz Guy, PhD, associate professor of theology and philosophy in the department of religion. Betty J. Stirling, PhD, professor of sociology in the department of sociology and anthropology in the Graduate School, is a key teacher in the first-year program, as is Ronald L. Numbers, PhD, assistant professor of humanities. Dr. Stirling gives guidance to student study in the area of Human Being and Behavior, while Dr. Numbers helps them in studies relating to science and western thought.

**The innovative approach is efficient**

A distinctive feature of the program is its correlation of a wide range of ideas and information. Traditional boundaries between departments and disciplines are ignored, and the emphasis is on understanding and answering broad questions about life: What factors make me what I am? What ideas and events have made the contemporary world what it is? How can I prepare for the future?

Teachers in the program believe that the University's distinctive religious motivation and philosophy of education call for a kind of thorough integration of "religion" and "secular" knowledge.

Another distinctive feature of the program is its comprehensive general education. Students are introduced to a broad range of subject areas and, through the participation of many guests as lecturers and resource personnel, benefit from a large number of stimulating faculty minds. As a cooperative enterprise of several of the schools of the University, the program draws heavily on personnel and resources not ordinarily involved in the teaching of undergraduates. More than 40 guest participants are contributing to the program this year. Also incorporated into the program have been lectures by Sir John Eccles and Jonas Salk.

An advantage of the innovative approach is its efficiency. Because the same students and teaching team are involved throughout the entire academic year, the course sequences can build progressively on themselves and on each other. As participants, both faculty and students, get to know each other better, there is more and more productive student-teacher and student-student interaction.

In a recent lecture at the University, Clark Kerr, LLD, PhD, executive secretary of the Carnegie Commission on the Future of Higher Education, observed that there is nearly a year of informational overlapping between high school and college. The flexibility of the interdisciplinary program reduces the extent of this sort of overlap. Furthermore, the content of the program is different from anything that students have encountered previously. A variety of teaching methods confronts the students with new kinds of learning experiences.

**Learning how to read**

Accrediting authorities encourage such inter-school programs. Accreditors also urge involvement and educational innovation on the part of teachers. The program in interdisciplinary studies incorporates both of these recommendations and is favorably mentioned in a report from the Western Association of Schools and Colleges.

Upon completion of the two-year program, each student should demonstrate his ability to (1) read seriously, scholarly, but non-technical expository books and articles in history, humanities, behavioral science and religion, including the Bible and the writings of Ellen G. White; (2) utilize a wide range of ideas and approaches in answering a major question; (3) make effective use of the resources of a library, and write coherent essays and term papers; (5) speak effectively in informal and semi-formal contexts; (6) describe and explain the principle cultural, social, psychological, physiological, and religious factors that contribute to personal identity; (7) describe and explain the structure and behavior of various kinds of groups, with particular attention to economic, political, and religious groups, and inter-group relationships; (8) discuss the development of scientific thought and its impact on western culture; (9) read and understand imaginative literature: prose, poetry, and drama; (10) describe, and respond creatively to selected works of western literature, art, and music; (11) discuss intelligently such broad religious topics as the reality of God, the origin of the world and man, human freedom, the general nature of the Biblical documents, and the relation of religion and science; (12) develop a responsible, constructive answer to an ethical question; and (13) formulate in a preliminary way a personal world view.

According to Dr. Guy, the student performance in the program has been very encouraging in terms of initiative, discipline and demonstrated learning. "We'll know more about the effectiveness of this approach when general studies examinations are compared with those taken by students in our traditional academic programs," he says.
Nearly a thousand students at La Sierra develop practical skills while preparing for professional careers.
gram, supervised by Raymond Fuller; and the nationally known poultry program, managed by Arnold Boram. A significant segment of the student work force may be found pushing brooms or cleaning windows or blackboards.

The modern, scientifically arranged food service department, headed by Joelle Ellis-ton, employs both men and women students.

The meticulously manicured campus grounds are almost entirely the result of student labor. According to grounds supervisor John Clough, teachers and students volunteered time to get flowers planted when budget cuts limited the program. As a result, guests visiting the campus this spring are greeted by a dazzling array of snapdragons and other brightly colored flowers. Maintenance of the physical plant provides employment for scores of students. Others assist dormitory deans Richard Orrison and Vivian Cushman, in management and governance of student residential facilities. Still others keep Hugh Marlin operating the University Market.

An imaginative industrial enterprise has given the student work program a substantial boost. It is Versitron Industries. Organized by Paul Dumaz, who operates food services at La Sierra and at a number of other institutions, EYE, as it is called, relates selected manpower needs of a number of industries to college students wishing to work part of their way.

Coordinated by Warren Labans, the diversified industries occupy the old college hall, which also doubled as the gymnasium. Brad Whited, general manager of the EYE division, sees EYE making it possible for more students to obtain a Christian education. In stating the objective of the program, he came quickly to the point: "The purpose is to save souls for the Lord."

Versitron Industries provides a remarkable variety of jobs for students. Largest contract to date is with Porteous Fastener Company of Los Angeles. Students weigh and package hundreds of tons of nuts, bolts, washers, and cotter pins.

Working on contract for Hazel Pierson Handicrafts of Rosemead, students cut, fold, package, and heat-seal art and decorating products. Others repackage safety glass lenses for the Amorlite Lens Company of Burbank. A large number of students worked on a General Conference project preparing and packaging 837,000 Mission '72 craft packets. College hall also accommodates a warehousing and distribution service for Nielsen Enterprises, Ltd., of Burbank. Versitron Visual Arts produces bales of felt visual aids for the General Conference Sabbath School Department, as well as silk-screen produced posters for other church programs and projects.

Students learn practical business and production skills. Coeds learn to manage billing, shipping and bookkeeping procedures. Others of both sexes become familiar with the intricacies of offset and silk-screen printing. Still others do commercial art and camera work.

"Some of our students have to learn how to work," says Mr. Whited. "Most of them haven't had an opportunity to learn responsibility to a job and to an employer. That's what we are trying to teach them. Here they come face to face with reality. They must earn what they get. We see this work experience as an extension of their classroom studies. It is relevant to our philosophy about educating the whole person." Mr. Whited says that running a competitive business with student labor isn't easy. Workers are not only inexperienced, but they work short shifts. The day is divided into four two-hour work shifts to accommodate academic programs of students.

Mr. Whited is on leave from a teaching post and is involved as manager because of a belief in the value of work for young people. "I'm absent from the classroom to help this program get started. When it gets on its feet, I'll go back to teaching. When asked how he likes it, he replied wryly: "It is hard and very dirty, and sometimes it is very rewarding." Asked if he would choose to leave teaching again for the project, he said, "I would do it again because I believe this kind of operation is God-ordained, and that it will succeed -- providing we can get the kind of financial backing we need. Right now we have to struggle for every penny. We have practically no capital."

Most students at Versitron work between ten and sixteen hours a week. A pre-med student said, "My grades have improved and my work here paid for my first quarter."

Students have a healthy respect for Mr. Labans, EYE's general coordinator. Ron Richards, a working student, said, "The work here isn't all fun, but here your work counts. Mr. Labans is the best boss I have ever worked for. He judges your worth by your performance, not by your appearance, and if you're not producing, he doesn't beat around the bush. He just says, 'Richardson, shut up and get back to work.'"

The National Defense Loan program gives additional assistance to students from middle and lower class income families. In 1965, the business office on the La Sierra campus handled $200,000 of student financial aid. Last year it processed over $1,100,000 in student loans, grants, and scholarships.

University President David J. Bieber summed up the administration's attitude: "We learned in a recent survey which I conducted that five out of ten Adventist youth in the Pacific Union Conference are attending non-Adventist schools. Our objective is to make Christian education available to every student who seeks it. We're going to open every door possible."
THE SABBATH: ITS EXPANDING PLACE IN CHRISTIAN BELIEF

by V. Norskov Olsen, PhD, DTh

A University theologian depicts an elemental doctrine in a new and distinctive context.

In inaugurating the Distinguished Faculty Lectureship, University administrators recognize what thoughtful constituents have long suspected: Loma Linda has among its faculty distinguished academicians who are making unique and outstanding contributions in their respective disciplines.

In selecting the speaker for the first Annual Distinguished Faculty Lecture, the lectureship committee, headed by Graduate School J. Paul Stauffer, PhD, dean of the Graduate School, decided to honor an educator and emphasize a concept elemental to the origin and mission of Loma Linda University.

Committee members selected V. Norskov Olsen, PhD, DTh, chairman of the department of religion on the La Sierra campus. Dr. Olsen is a theologian known and respected in Europe and in the United States.

"The theology of the Sabbath makes us distinct, and I believe that unwavering faithfulness to that distinctiveness will be respected as long as the acting God has a work to do in and through His covenant people."

Dr. Olsen's lecture, presented at a banquet held for University Trustees and faculty, was entitled "The Significance of the Theological Aspects of the Seventh-day Sabbath as a Constitutive and Corrective Norm for Christian Beliefs and Practices." In defining his thesis, Dr. Olsen said, "As there are some specific theological concepts which create the doctrine of the Sabbath, the keeping of the Sabbath has far-reaching theological implications."

"When we refer to the Sabbath as a constitutive norm, we think of a doctrine which is so pertinent that other doctrines are not truly established lest they are erected within the theological framework of the former, which functions as its constitution.

"When we speak about the Sabbath as a corrective norm, we mean a doctrine which at all times should be a tuning fork by which we can ascertain whether or not the other doctrines are in tune, both on the spiritual and pragmatic levels."

Dr. Olsen linked the concept of the Sabbath with concepts about God. He observed that in an age when the influence of Darwin and the evolutionary theory has destroyed faith in God as the creator, Seventh-day Adventists "have correctly emphasized that the theology of the Sabbath restores the right God-concept: a transcendent God who is absolute, personal, and holy; the creator and sustainer of the universe." He pointed out that the Sabbath presents God as an active eternal being.

"God discloses Himself in His acts: creation, the flood, the call of Abraham, the Exodus, Sinai, Saul, David, Solomon, the exile, the return, the incarnation, the crucifixion, the resurrection, and the ascension of Christ, Pentecost, and the Second Coming. Redemption," he said, "is based on specific historical acts which occurred within historical time, and which God made part and parcel of the plan of salvation. The weekly Sabbath reminds us that God acts in history, and He sanctifies time and events taking place within history."

"In Judaism," he said, "the idea of holiness was shifted from space to time, from the realm of nature to the realm of history, from things to events. Answers to the deep scientific and philosophical problems of being, space, and time can best be met by the God-concept embedded theologically in the Sabbath doctrine. The Sabbath teaches us that there is a realm of time where the goal is not to have but to be, not to own but to give, not to control but to share, not to subdue but to be in accord."

"When the pioneers of our church chose the name Seventh-day Adventist, they were convinced that the name itself would convey the significance of two very pertinent doctrines for the latter days. In that they were correct. In God's providence, they reviewed the two doctrines together, for the second advent of Christ is theologically embedded in the Sabbath doctrine." Dr. Olsen explained that the concept of the Sabbath closely links the Sabbath to the world to come, that it not only explains man's origins, but also his destiny. To the ancient rabbis, the Sabbath was the essence of the world to come.

Observing that an understanding of the Sabbath leads to correct concepts of eschatology, Dr. Olsen said that it gave significant mean-
The theology of the Sabbath makes us distinct, and I believe that unwavering faithfulness to that distinctiveness will be respected as long as the acting God has a work to do in and through his covenant people. More than that, it is in that distinctiveness that we have our greatness. For the world needs just that which is found in our distinctiveness.

"As America becomes a more complex society and as the principle of the free church in a free state may change, the church will face new problems in its relationship to society."
Anyone thinking of home economics courses as an excuse for college girls to play house would be soundly jolted by classes in home economics now offered at the University.

To begin with, the term home economics is inadequate to describe what is going on. A wide range of programs dealing with practical aspects of living have been developed. These courses are now a part of the department of consumer related sciences, with curricula on the associate degree, bachelor of science and graduate levels.

The field has assumed new dimensions going far beyond the students personal homemaking needs. Subjects are related to community service, institutional management, and evangelism programs. "The science of effective and efficient living in an increasingly complex society relates significantly to Adventist values as well as to the church's humanitarian objectives," says Mary P. Byers, chairman of the department.

Four bachelor of science degrees are offered in the department. A popular major is in home economics education. The program qualifies graduates to teach home economics courses in high schools and academies. It also opens doors to professional service in a wide range of community agencies.

A major in clothing and textiles offers intensive training in clothing construction, tailoring, and designing. According to Shirley
T. Moore, PhD, associate professor in the department, Christian standards affecting dress and fashion are taught. Students look forward to careers in teaching, business, or industry upon graduation. Girls majoring in dietetics complete a two-year curriculum in the consumer related sciences department. Their second two years is spent in the University Medical Center on the Loma Linda campus under the academic direction of the School of Allied Health Professions. Demand for graduates in this program can be described only as acute. Men and women completing this program have a variety of options, such as diet therapy in hospitals or public health institutions, food administration, and teaching.

A new major in child development educates the students to understand and work with children in the preschool to third grade age level. Students in this rapidly growing program are taught to develop understanding and creativity in children, finding ways to increase learning capabilities and growth in children.

In addition to unquestioned value of this program to prospective parents, it qualifies graduates for supervisory and administrative positions in nursery schools, Head Start programs, and day care centers. A master of arts degree in this field is planned for the 1973 academic year. Students completing graduate work would be much in demand for teaching on the college level.

Students who may lack time or inclination to earn bachelor of science or master’s degrees may qualify for useful professions by earning associate degrees in food service, nutrition care service, and child and family science.

The department, which is housed in a sparkling new building at the top of the campus places high value on community service aspects of its various professional programs.

A promising specialty in the department is in urban family education. While full credit is offered in this field, it is not yet a bona fide major. The program is conducted as a specialty in the home economics education major. Students in this specialty get out into neighboring communities where they get practical experience working with people in low income categories. “This community service emphasis,” says Mrs. Byers, “was inaugurated to help people help themselves. We work in convenient neighborhood community centers and in individual homes, giving people information that will help them manage on restricted incomes.

“We believe this approach to be of even greater value than the giving of money. Patrons are educated in meal management, sewing, purchasing, budgeting, and how to protect themselves from fraud and other types of misrepresentation. When indicated, we refer individual cases to appropriate community agencies for further help,” said Mrs. Byers. Students also work with the Seventh-day Adventist-sponsored Ontario ACT House, serving a comprehensive range of community needs.

Another rapidly developing specialty is the program in vegetarian food service. A special course in the specialty will be offered this summer. “Many people in today’s culture are seeking knowledge about the vegetarian way of life,” says program coordinator Shirley Moore. We expect food service directors from non-Adventist institutions to take this course.” A report on the program is carried in the current issue of the American Journal of Dietetics.

“In developing these new programs, we endeavor to keep students in close contact with church lay activity leaders involved in membership education and inner-city programs. We are encouraging local conferences to utilize graduates for work among the disadvantaged and minority groups. We believe this kind of program is significantly suited to church witness imperatives,” says Mrs. Byers, who adds that some of the graduates will find productive roles as social workers.

“Consumer related science these days is more than learning to make aprons and bake beans,” concludes Mrs. Byers. “Education in these sciences is vital to good family management and living, and opens many doors to effective Christian service. It is relevant education in an age of revolution.”
HOW MINISTERS ARE MADE

The church needs ministers who, having a personal relationship with Christ, know how to represent Him to a fragmented and bewildered society. The development of this kind of man is the objective of a new emphasis at La Sierra.

If religion is to be relevant, it must do something to help people. So says V. Norskov Olsen, PhD, DTh, chairman of the department of religion and dean elect of the College of Arts and Sciences. It is generally believed that it is up to the theological seminary to provide ministerial students with practical experience useful in becoming successful ministers. Dr. Olsen, a seasoned pastor as well as an educator, feels the minister is made by actually meeting spiritual needs of people. He therefore believes in early exposure to the kind of real-life situations experienced by pastors. To achieve this objective, new concepts and programs are being built into the curriculums of college-level theology students.

Currently about 35 students are assigned each year to assist in area pastorates. These externs are assigned to pastors who utilize them in organization, planning, and worship services in the church to which they are assigned. The student ministers get involved in various evangelism programs. They accompany pastors on visits to the sick or the troubled. Experiences and problems are then discussed in the college classroom.

Some students become so involved in the life of the church that they are employed by local conferences to serve as youth pastors. Others work as counselors and administrative assistants in conference-operated summer camps. Still others serve as directors or caseworkers in inner-city programs during the summer. “The more involved he gets with people, the better he can identify with problems which will one day be his as a pastor. He becomes aware of his deficiencies, and this gives us a chance to help him in the class room,” says Dr. Olsen.

Students also have a chance to think about various paraministerial specialties. Studies in such areas as psychology, history, sociology, anthropology, and communications are related to coursework in theological subjects. Dr. Olsen holds that ministers with these and other specialized skills are urgently needed in carrying on the mission of the church. Our purpose in this interdisciplinary approach is to increase the effectiveness of the minister by giving him confidence and a variety of skills. Should the student not go into the ministry, his usefulness as a layman and church leader is increased.

The Pacific Union Conference recognizes the value of the new approach in the making of ministers. Beginning this year, a newly organized committee will interview sophomores who plan to become ministers. They will keep a file on each student, evaluate his leadership potential, and keep an eye on his scholastic record. The committee also discusses his progress with pastors and church members where students have served as externs.

Upon graduation, future ministers are to be employed in a local conference for a year’s internship. The same committee that has followed their progress evaluates their internship and then counsels with them on graduate educational programs at the Theological Seminary.

A new class entitled “Dynamics of Personal Religion” is conducted to help students understand and meet their own spiritual needs. Students discuss the meaning of prayer and help each other in gaining a personal relationship with Christ. Dr. Olsen observes that students who have a deep and genuine personal experience are comfortable and effective in dealing with the very real spiritual problems faced by believers in a complex and confusing world.

“We hope,” he says, “that these new creative approaches and programs will provide the church with an effective ministry of both ordained clergy and professional men.
The question, “Am I my brother’s keeper?” evokes a heartwarming “yes” in this report of freshmen in the School of Dentistry.

FRESHMAN DENTAL STUDENT Robert S. Enders, (right), explains a formula to classmate Milton R. Kent. Under a program called Team Learning Concept, freshman dental students having difficulties in certain classes can turn to others in their class like Mr. Enders who serve as tutors. TLC’s goal is to prevent any class dropouts in the next four years due to academic problems.

Freshmen in the School of Dentistry have developed a plan they hope will prevent any of their classmates from dropping out of school during the next four years because of the tough curriculum.

Using a variation of the famous Three Musketeers motto, “All for one and one for all,” members of the 1975 class hope to halt the high rate of dropouts usually evident in dental and medical schools. It won’t be easy. The last School of Dentistry graduating class, for example, had ten fewer members than had enrolled four years earlier.

This year’s 69 freshmen call their plan Team Learning Concept. It is a determined effort to prevent a single member of the class from falling below academic minimum requirements.

At the beginning of this school year, class president Nelson R. Gatov proposed Team Learning Concept to other class officers and then to the entire class. He suggested pairing academically-troubled students with classmates who were doing better in their studies. At this point in the year, an average of eight to ten people in the class work voluntarily as tutors on a one-to-one basis.

“It’s a real morale booster to know that a person’s classmates care enough about him to help him make the grades,” says Mr. Gatov. “Freshmen are always a bit scared when they face a new experience such as dental school. So they need all the encouragement they can get.”

Class tutors try to emphasize the importance of taking good notes and developing strong study habits. “Surprisingly, not all graduate level students know how to study,” Mr. Gatov says. “Many of them have trouble distinguishing between the important and the not so important.”

Students are discouraged from requesting a tutor to help them prepare for an upcoming test. “We want our tutors to work with individual students over a longer period of time, for as long as it is necessary,” says Mr. Gatov.

One way to measure the success of the tutoring program is to ask students who are being tutored what they think about it. Says one, “I started out very badly. Now I’m doing much better. What more can I say? My tutor found my study weaknesses and helped me correct them.” As an unexpected social footnote, this student and his tutor have become good friends.

Tutoring is not the only part of Team Learning Concept. Periodic joint study sessions are sometimes scheduled. And, with full approval by the dean, class officers maintain a file of examinations from previous years for students to study. Most of the TLC program is administered in their spare time by the class president and secretary.

Except that tutors in the freshman class work for free, tutoring, study sessions, and old test files are methods common to many college and university campuses. What makes this program unique is the approach used by the class officers. They keep track of every student’s academic standing in the class, trying to spot trouble areas and individual problem trends as soon as possible. Then, with the class chaplain as liaison, the student is approached and asked if he needs any help. Even faculty members are now sometimes reporting certain student difficulties to the class officers.

Finally, the course says Mr. Gatov, “the student having problems will come to us. But sometimes, those who need help the most are least willing to seek or accept assistance. Some students are afraid they will impose on us. We want them to impose. We want them to know there are 68 other people who care what happens to them.”

Another student who is now being tutored agrees. “If there is a weakness in Team Learning Concept,” he says, “it is the failure of some members in our class to utilize the help that is available. The program is pretty new, though. I think, in time, all of us will recognize our need early and know where to turn for assistance.”

Quite a few faculty members are impressed with Team Learning Concept even if it is a new program. “The students are doing some of our advising and counseling jobs for us,” says one. “We don’t always have the time to do it adequately. Besides, students seem to accept advice from their peers more readily than from us anyway. So it is working out well all the way around.”

Neither a Seventh-day Adventist nor a graduate of an Adventist college, class president Mr. Gatov is particularly impressed with the attitude of the faculty.

“It’s marvelous to know our professors care about us,” he says. “I couldn’t get over the rapport between students and their teachers here at the university. It’s not like a state college where you’re just a number.”

Will Team Learning Concept work? Mr. Gatov thinks it is too early to tell for sure. Though he doesn’t believe tutoring will be quite as necessary during the last couple of years, he would like to see the total concept continued for the entire four years. He would also like to see incoming freshmen classes adopt a similar program.

“Most graduating classes present a gift to the school at commencement exercises,” he says. “Perhaps the ultimate gift we could give the School of Dentistry, and one another, is 69 graduates.”
SPECIAL PROBLEMS are best treated at an early age.

IT'S TIME TO START TALKING

by Ron W. Bowes

Therapists at La Sierra's new clinic open doors to normalcy and communication in a rapidly growing program.

Tina was three years old, but she couldn't talk—not even one word of "baby talk." But she was an intelligent little girl, who stared knowingly at her mother's silent snapping fingers and looked quizzically at her father's anguished face. Tina was a normal baby in every way, except that she could not hear.

Physicians at March Air Force Base Hospital, where her father was stationed, diagnosed her problems as near total deafness due to the effects of Rubella which Tina's mother contracted during the first trimester of pregnancy. At March Hospital, staff physicians recommended that Tina eventually be fitted with a bone-conduction hearing aid. For the present, they fitted her with a conventional hearing aid and recommended therapy at the Speech and Language Rehabilitation Clinic on the La Sierra campus of Loma Linda University.

Carole Sue Bowes, then a junior speech pathology and audiology major, began to work with Tina. The sounds that Tina heard with her new hearing aid were frightening. Often she would just disconnect her hearing aid when someone would speak to her. But soon she began to understand that speech could get her what she wanted—a toy or a piece of candy. Then things began to happen.

At the therapy session, Carole Sue brought toys that Tina could associate with sounds. Tina tried to imitate the sounds. Carole Sue used simple pictures to encourage responses from Tina. Soon Carole and Tina were venturing outside the clinic to the playground. The buzz of a bee became a lesson in sound and association. Tina was hearing for the first time, and she liked it.

Before the semester ended, Tina had a vocabulary of 35 words, slightly less than the average for a near-four-year-old. Her parents were moving east, but they had already arranged for therapy to continue. The prognosis was good. Tina would have a near-normal
STUDENT TESTS hearing of patient in the Medical Center’s clinical audiology facility.

childhood. “Many children are not so fortunate,” says Carole. “Many children go untreated and undiagnosed. Some are thought to be mentally retarded. Often they are treated badly by parents and other children, which results in even more problems.

Over two million Americans suffer serious communication disorders such as loss of hearing, serious articulation problems (such as substitution of one sound for another), cleft palates and lips, or stuttering. Nearly 70% do not receive proper treatment.

Communication disorders can be among the most disabling of handicaps. “When you are cut off from the world around you, either because you can’t hear or you can’t be understood, you are faced with one of the most isolating of human experiences—a life sentence to solitary confinement,” says Kenneth L. Lutz, Ph.D. associate professor of speech pathology and director of the Speech and Language Rehabilitation Clinic of Loma Linda University.

“The clinical training program at Loma Linda University often begins in the sophomore year. The clinic is an important aspect of the program because it allows the student to work with people and their problems says Dr. Lutz. “It’s an experience you can’t get in the classroom or the textbook.”

Over one thousand persons have received help since the clinic was established in 1957 by Dr. W. F. Tarr, the senior member of the communications faculty. While there is a fee for services, no one has ever been turned away because he couldn’t afford treatment.

An afternoon in the clinic illustrates the variety of training experiences that students receive. Cookie Johnson, a senior speech pathology major works with hand puppets to teach a bright-eyed youngster how to say the “snake-sound sss,” without thrusting his tongue forward and “just blowing.” It’s fun, says Johnny, and he hates to leave after the half-hour session is over.

In another therapy room, Kathy Crane works with a 67-year-old stroke patient. The effects of the stroke include limited movement of the limbs on the right side and brain damage resulting in limited speech, known as aphasia. As a result of destroyed brain cells, words and relationships no longer “connect.” A typical aphasic may look at a picture of a “chair” and say “table” or “tree” even though mentally he knows the correct word. To help her patient reestablish this “idea to word” sequence, Miss Crane prepares a series of pictures, below which is the printed word; she carefully pronounces each one with her patient, thus reestablishing the relationship.

In another room a patient reads into what looks like an ordinary tape recorder with earphone. Actually the machine is a delayed audio recorder, designed to allow the patient to hear what he has just pronounced.

All the while, students in adjoining cubicals are watching the therapy sessions through one-way mirrors and listening through built-in microphones.

Many hours of observation and reporting are required of the would-be student clinician before the student is assigned patients of his own. Weekly evaluation sessions are required of all student clinicians. Reports are made, just as in any medical office.

An important part of the training program goes on in the community as well. Speech pathology programs are operated by Loma Linda University students in the school districts of Riverside and Corona, and in public service agencies in the area. Hospital facilities at the University Medical Center and at Riverside General Hospital are also assisted by student clinicians.

The program is growing. The need for speech pathologists in schools, hospitals, and research institutions is not being met. In the Seventh-day Adventist school system alone, there are an estimated 3,000 children with speech and hearing problems, yet not one speech pathologist is employed by Adventist elementary or secondary schools. There is an increased demand for speech pathologists on medical and dental teams in hospitals and clinics, too.

To meet this demand, the University is planning two graduate programs in Speech Pathology and Audiology. The programs have been approved by the Board of Higher Education of the General Conference and will begin with the fall quarter of this year. One program leads to the Master of Science degree in Speech Pathology and Audiology and is oriented toward research in communication disorders. The second degree, the Master of Science in Communications Disorders is oriented toward clinical work in hospitals, schools and private practice. Both programs meet the requirements for approval by the American Speech and Hearing Association.

SPEECH THERAPIST develop rewarding friendships with children as they respond to treatment.
WHAT WE’RE LEARNING ABOUT LEARNING

by David J. Bieber, EdD

The University’s president reveals how new insights in education are changing teaching methods in the University’s college and schools.

When newsmen asked the coach of Harvard’s famous rowing team to explain its failure to win a race, the oldtimer paused, kicked the pier, and replied: “My men are good fellows — they’re fine athletes — they’re a first-rate team. They simply rowed too long in the same place!”

Rowing too long in the same place isn’t difficult, especially in education. It is possible these days, to work hard and long — to experience the stress and fatigue usually associated with achievement — and still make little real progress in the development of new, effective methods of transmitting knowledge.

I need not tell you that apprehension and dismay prevail, generally, in the world of education. Prophets of gloom and doom insist that traditional ideas and practices are inadequate, or at least out of date. Many feel that the American dream of a college education for just about everybody is futile, if not dangerous to the health of the nation.

Christian educators are unique.

Critics charge that educators, generally, are failing to meet the real objectives of education — namely, to create a society of enlightened, responsible, productive people. Christian educators find themselves in a unique, and certainly a challenging, position therefore. At Loma Linda University, Christian teachers are as concerned as educators anywhere about contributing to useful, constructive citizenship — but they are working for higher stakes.

The faculties of our college and our schools are committed to the task of assisting Christian youth to prepare for distinctive, redemptive, healing ministries. Each graduate can become an agent of God’s grace and will. Excellence in professional or vocational competence is paramount. Yet concern for man’s restoration and well-being must be equally paramount if this University is to realize its peculiar mission.

“They have to row harder.”

So, in their efforts to overcome problems encountered by teachers everywhere, our faculties press for special, more comprehensive goals. They have to row harder!

For several years, now, we have seen among our teachers much earnest study of the science and art of education. Our faculties have worked together in institutes, conferences, seminars, and special committees, seeking always to discover more effective teaching and learning methods. Significantly, most of these efforts have focused on the learning experience of young people, not on teaching skills per se. As a result, we are now caught up in a veritable revolution.

DR. R. BRUCE WILCOX associate professor of biochemistry, and two students demonstrate scientific computation equipment for Dr. Bieber.
A surprising aspect of all this is that we often find ourselves keeping step both with the most creative twentieth-century educators and also with the nineteenth-century founders of our educational mission. Remarkably, the educational concepts developed in the Seventh-day Adventist church seventy or more years ago have very great current acceptance.

The principle behind our revolution — what are they? What are we learning about learning?

I'd like to tell you how three major factors in learning are changing the scene here at Loma Linda University. These factors are: motivation, climate, and participation.

"Motivation is profoundly important."

For us, motivation is profoundly important. A frequently heard reason for education is economic reward. Young people in our society have grown up to a statistical drumbeat that says: "High school graduates earn more than nongraduates — college graduates earn more than high school graduates — Ph.D.'s and professional people enjoy an even higher level of income."

Although these claims cannot be denied (at least in the recent past economy), we are interested in a quality of motivation that reaches and evokes the deepest intellectual, emotional, and religious resources.

It is good to aspire to an affluent, socially productive life. It is better to be motivated essentially by a hunger for truth, a desire to be what the Creator intended, and a feeling of genuine compassion for people.

Experience teaches us that a student learns what has meaning for him. If new information relates to one's interests and experience, he can hardly be prevented from learning.

"IF NEW information relates to one's interests and experience, he can hardly be prevented from learning."
A climate good for intellectual growth is rich in diversity.

Campus pastors, chaplains, and counselors work to solve personal problems and to give practical meaning to religious life on the campus.

Our objective is to enable each student to utilize all of his resources to become a creative, competent, integrated man or woman — a whole person — a unity.

Last, participation — also closely linked to motivation and climate — is probably the most vital factor in learning.

"We learn not only by hearing or observing, but by doing."

We learn not only by hearing or observing, but by doing. Winston Churchill observed sadly that "the English learn only through suffering." (Doubtless the same observation might be made about Americans as well.) We believe that learning is best experienced through a successful encounter with the realities of life — by doing.

Loma Linda University's revolution is nowhere more apparent than in the area of student participation. The responsibility of educators is to involve students in real-life situations where they are on the "doing" team.

Increased emphasis is being given this requisite to learning. Student writers write. Future teachers teach. Prospective preachers preach. Dentistry and nursing students care for patients. Student secretaries work in offices. Future farmers farm. Embryo physicians join full-fledged specialists in the clinics, in the hospital room, and in the practice office as an integral part of the medical team. Dietitians, therapists, technicians, assistants, and hygienists co-minister under the personal direction of qualified teachers.

Thinking is like dying, it has been said, — each man has to do it for himself. The ability to identify, analyze, and solve problems is critically needed in our society. Participation — doing — is the effective way to acquire this ability. Each student must himself do — and gain skill and confidence in the doing.

Student teachers in the School of Education do testing, evaluating, and teaching to various types of students.

School of Health students study community health needs, plan preventive and remedial programs, and take part in the conducting of these.

Students of dentistry treat patients in the School's clinic, in mobile clinics, and in mission settings — as do dental hygienists and dental assistants — in collaboration with their teachers.

Extension students work and study in intensive on-the-job agriculture programs overseas.

Clinical training electives take students from medicine, nursing, and other disciplines into schools, institutions, and hospitals.

"LEARNING IS best experienced through a successful encounter with the realities of life."
DISCOVERY implies doing.

The revolution is not over. Improvisation and involvement will continue as this University functions as a viable corporate enterprise.

Education must equip people to cope with — even more, to lead out in — change. Professions and jobs no longer stay static. Education is a way of life, a way of living. School, therefore, is a place to learn how to learn, and to keep learning. Besides learning who they themselves are and how they relate to other people of the world, students need to learn the languages of science, of mathematics, of humanities, of social sciences, of behavior, of the cultures of the world. They need to know the structure of knowledge and how to inquire inductive-
DO NOT LET ANYONE LOOK DOWN ON YOU BECAUSE YOU ARE YOUNG, BUT BE AN EXAMPLE FOR THE BELIEVERS. IN YOUR SPEECH, YOUR CONDUCT, YOUR LOVE, FAITH AND SINCERITY
British educator is 1972 commencement speaker

Approximately 750 Loma Linda University students will be graduated during the annual spring commencement weekend, June 9-11. The three traditional weekend services are scheduled for Friday evening, June 9; Saturday morning, June 10; and Sunday morning, June 11.

Speaking Sunday at the conferring of degrees ceremony will be Eldred Wright Walls, MD, PhD. The same speakers will be acting director of the Division of Religion Jack W. Provonsha, MD, PhD, and college president. Dr. Olsen joined the College of Arts and Sciences faculty in 1968 and became chairman of the department of religion in 1971. A widely studied scholar, Dr. Olsen holds the Bachelor of Divinity degree from Andrews University (1951), the Master of Theology degree from Princeton Theological Seminary, and two doctorates. He received the Doctor of Philosophy from the University of London (1966) and the Doctor of Theology from the University of Basel (1968).

Before coming to Loma Linda University he was at Newbold College in England from 1954 to 1966, first as chairman of the Bible department and academic dean and then as president. "Dr. Olsen's experience as an administrator, teacher, and scholar, as well as his kind Christian spirit, highly recommends him to this deanship," said Loma Linda University President David J. Bieber.

"He will build on the excellent foundation laid by the college's first dean, Dr. Ralph Krooeren."

Reflecting on his new responsibilities, Dr. Olsen says, "Our college can be a place of mere study and to study hard." Eight quarter units of upper division credit will be available on this tour. Dr. Schwarz will cover the Czarist period of Russian history and Dr. Baker the Soviet era. Each professor is offering four units of credit. The two instructors will give frequent evening lectures throughout the tour.

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Dr. Olsen

MOUNTAIN STREAM is setting for student baptisms. Approximately 25 students joined the church during the current school year.

University News Watch

Theologian named dean of the College of Arts and Sciences

V. Norskov Olsen, PhD, DTh, has been named the new dean of Loma Linda University's College of Arts and Sciences. Dr. Olsen, now chairman of the department of religion, will assume his new responsibilities on July 1.

A native of Denmark, Dr. Olsen has served as a pastor, teacher, evangelist, college academic dean, and college president.

Dr. Olsen joined the College of Arts and Sciences faculty in 1968 and became chairman of the department of religion in 1971. A

"Dr. Olsen's experience as an administrator, teacher, and scholar, as well as his kind Christian spirit, highly recommends him to this deanship," said Loma Linda University President David J. Bieber.

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Dr. Olsen

MOUNTAIN STREAM is setting for student baptisms. Approximately 25 students joined the church during the current school year.
Construction is underway for new library and gymnasium

Loma Linda University has tentatively received approval for more than $3.5 million in construction projects on the La Sierra campus in Riverside within the next one and a half years. Final approval of a 25-year master plan for the campus is expected to be granted by Riverside.

Projects to be completed in the initial phase include a new $2.3 million library, a $600,000 gymnasium-auditorium, a 75-car parking lot, remodeling of the administration building and a new water supply tank to serve the library.

The two-story library will handle approximately 225,000 volumes and accommodate 600 users at a time. It will be located adjacent to Sierra Towers, the men's high-rise dormitory. Library construction is now underway, with final completion expected by September 1973.

Final plans are being developed for the gymnasium-auditorium east of Pierce Street near the present physical education facilities. Completion of the 2,500-seat facility is expected by the end of the year. The parking area will be constructed in conjunction with the gymnasium-auditorium.

Remodeling of the administration building is only in the preliminary planning stages at this time, and there is no timetable for start or completion, according to a University spokesman. Cost for the administration building remodeling will run about $500,000.

Future phases of the master plan include construction of residence halls and related parking facilities throughout the campus, development of academic buildings and related parking at the northwestern corner of the campus, and construction of administration and parking facilities west of Pierce Street. No timetable has been established for these projects.

University President David Robinson, Modesto City Hospital, P.O. Box 1877, Modesto, California 95353 (209) 524-4081.

J. Bieber describes the master plan as "flexible," indicating that implementation of each phase depends in part on campus growth.

Present campus enrollment stands at 1,888 students.

On the La Sierra campus, Loma Linda University operates programs in the liberal arts, education, graduate studies, nursing and extension. Another 1,600 students attend classes at the University medical center in Loma Linda. The institution is operated by the Seventh-day Adventist Church.

School of Health acts to prevent heart attacks

The major cause of death in America is under attack by School of Health personnel. They have developed and are now operating a program called "Heartbeat" that aims at locating people most susceptible to coronary disease and then giving them a specific health improvement regimen.

"Heartbeat is a program of coronary risk evaluation," says John A. Scharffenberg, M.D., assistant professor of applied nutrition and coordinator of the project. "We do not diagnose or treat the problem. We attempt to change behavior in a way to lower heart attack risks."

During a recent open house held at the School of Health, 392 people were tested. Thirty percent of them were overweight. Obesity increases the risk of heart attack by 50 percent, says Dr. Scharffenberg. Other contributing factors to coronary attacks include stress, high blood cholesterol, smoking, inactivity, high blood pressure, diabetes, and hereditary patterns.

In addition to a history and physical examination, persons in Heartbeat are given specialized programs to improve their health. Some of these programs such as five-day stop smoking and scientific weight control plans are offered by the School of Health. All abnormal findings are sent to the participant's personal physician.

Dr. Scharffenberg says the Heartbeat program will be taken to surrounding communities as soon as possible. He hopes the program, if successful, will spread around the country.

Medical Office Available

Medical office available in Medical Arts Building located adjacent to 100-bed fully accredited hospital. Liberal lease arrangements and strong support from other physicians in the building. Contact W. Harlynn Robinson, Modesto City Hospital, P.O. Box 1877, Modesto, California 95355 (209) 524-4081.

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Undersecretary of HEW addresses annual APC banquet

One of the top-ranking health officials in government administration urged physicians to stop debating the pros and cons of government involvement in organized medicine.

Speaking last month at the School of Medicine Alumni Postgraduate convention in Los Angeles, John G. Veneman, undersecretary in the Department of Health, Education, and Welfare, told doctors at the annual banquet that their profession “can’t sit back and ask whether it’s healthy for government to be involved in health care, because government is involved and people want government to be involved.”

By government, Mr. Veneman said, he meant the people it represents. Medicine needs government, he added. “It’s their tax money that pays all these bills.”

He also pointed out that people need medicine, particularly the doctor. Because of the mutual need, he said, government and medical profession should “stop some of the foolish arguments.”

JOHN G. VENEMAN, undersecretary in the Department of Health, Education, and Welfare, told doctors at the annual Alumni Postgraduate convention banquet that their profession “can’t sit back and ask whether it’s healthy for government to be involved in health care, because government is involved and people want government to be involved.”

SPECTRUM is a quarterly journal established to encourage Seventh-day Adventist participation in the discussion of contemporary issues from a Christian viewpoint, to look without prejudice at all sides of a subject, to evaluate the merits of diverse views, and to foster Christian intellectual and cultural growth.

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Assistant Director of Nursing-Inservice Director needed in new 132-bed hospital. Psychiatric, medical, surgical facilities. Good elementary school and academy, large active church, urban or rural location. Contact Paul J. Gerhardt, Personnel Director, Battle Creek Sanitarium, 197 N. Washington Ave., Battle Creek, Michigan 49016, or call collect (616) 964-7121, Ext. 566.

Undersecretary of HEW addresses annual APC banquet

Dr. Koorenny

The real question, said Mr. Veneman, was to what extent government should be involved in medicine. He cited the recently-passed Health Manpower Training Act of 1971 as an example of how government can aid medicine.

“This new law,” he said, “will offer medical schools like your School of Medicine a federal capitalization grant for every new medical student they enroll. It will place a premium on training more doctors and nurses in the health occupations.”

Mr. Veneman predicted the new grant method will produce an increase of 815 first-year places in the nation's medical schools and 1,851 in other schools for health professionals.

“The aim of medicine and government should be to ensure that every American receives adequate health care,” he said, “regardless of their income, age, ethnic background, or where they live.”

“Everyone agrees with that goal, but everyone doesn’t agree on how to reach it.”

“In a closed society,” he added, “changes to guarantee such goals could be enforced. But an open society must work in a different way. In an open society, government can lead, it cannot direct.”

The responsibility to influence young doctors toward these goals belongs to the medical schools, he said. “It will be up to them to foster in young men and women a desire to serve their fellow man in doctorless places.”

Too many young doctors choose to practice in the suburbs of Los Angeles and not enough in the backwoods of Mississippi,” said Mr. Veneman. “At the present time, there are more doctors in Los Angeles County than in 13 of our states.”

Physicians trained with what Mr. Veneman called “the Loma Linda philosophy” are more likely to go where they’re needed, he said, even if their decision sometimes means personal sacrifice.

“The new Health Manpower Training Act opens the door for such decisions,” he said, but that’s all. Only medical schools rich with a sense of higher mission can lead young people toward that door.”

Arts and Sciences' first dean resigns for position at alma mater

Ralph L. Koorenny, PhD, first dean of Loma Linda University’s College of Arts and Sciences, has announced his resignation from the post. He has accepted a position as Professor of Economics at his alma mater, Walla Walla College, College Place, Washington, beginning July 1. Dr. Koorenny said “a desire to return to classroom teaching” in his area of specialization prompted his decision to return to Walla Walla College where he graduated in 1946.

WANTED

BUSINESS ADMINISTRATOR: Large Dental Group, send resume to: Dr. J. Dunn, 24663 Taylor, Loma Linda, CA 92354.
ELDER AND MRS. Erwin E. Cowentine receive the Medallion Award of Merit from Charles B. Hirsch, secretary of the Department of Education. The Award of Merit honors him "for extraordinary meritorious service to Seventh-day Adventist education." The presentation was made at Loma Linda University's annual Distinguished Faculty Lecture.

DR. RAYMOND O. WEST, chairman of the department of family practice, chats with Dr. Millie G. Halberstad at the lunch break during the American Board of Family Practice Examination held earlier this month at the University. For the second straight year, the Board allowed the University to administer the test on Saturday night and Sunday instead of the regularly scheduled time on Saturday. Since this was the only place giving the test after sundown, Dr. Halberstad, an orthodox Jewess, flew in from Malone, New York, to take the exam along with 28 other physicians.

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☐ Religion in the Orient Tour Departing November 5, 1972

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R. W. Weismeyer, Griggs Hall, Room 223
Loma Linda University, Loma Linda, CA 92354

Orient tour designed for SDA's offered to university alumni

A two-week summer tour to the Orient, tailor-made for Seventh-day Adventists, is being offered all University alumni by the School of Medicine Alumni Association.

The Orient trip includes one week in Tokyo, Japan, and another seven days in Hong Kong. There is an optional side trip to Bangkok, Thailand, available also.

Leading theologian Speaks to University about modern religion

Modern religion is in "a time of creative formlessness," according to theologian Martin E. Marty, Ph.D.

Speaking at a Campus Communion Fellowship meeting earlier this month on the Loma Linda campus, Dr. Marty observed that while the world "teeters on the brink of revolution, many people are experimenting with various kinds of religion. They are in quest of new and free experiences," he said.

Dr. Marty, chairman of the American Board of Family Practice, said, "The increased interest in religion to the need of people to rise out of their depression. General malaise and low morale afflicting people today, he said, are reflected in bumper stickers such as "I'm neither for nor against apathy," and "Tomorrow is cancelled due to lack of interest."

The population of the world is trying everything, said Dr. Marty, including mysticism, the occult, and Far Eastern religion. "It is an era of religious creativity," he said. "But that creativity must be channeled into the right streams. Otherwise, our time is merely one of creative chaos."

It is being arranged by INTRAV of St. Louis, Missouri.

Tour members will take over an entire World Airways 707 jet for the trip. There will be no drinking or smoking on the plane and no travel on Saturdays. INTRAV vice president Kenneth Stauffer adds that vegetarians "get along well on the Oriental diet."

In conjunction with the tour, several medical seminars will be held in both Tokyo and Hong Kong. This will be taught for the most part, by local physicians from Japanese and Hong Kong hospitals and universities. The seminars are also optional and will not interfere with the main tour or sightseeing excursions. Sightseeing arrangements can be made individually, says Mr. Stauffer, and there will be no registration. "Tour members can do as they please," he said.

The tour leaves from Los Angeles and San Francisco August 28. Total cost is $578 with a 100 pound luggage limit. For further information, contact Alma Johnson, Alumni Association, Loma Linda University School of Medicine, 1852 Michigan Avenue, Los Angeles, CA 90033.

He also predicted that experimental religion will for a time eventually lead to worship among small cells of people rather than being centered in church parishes. But Dr. Marty warned that though some people may find good religious thought through experimentation, it won't get them anywhere until they also tackle moral issues.

Dr. Marty is professor of modern church history at the University of Chicago, Chicago, Illinois, and associate editor of the journal Christian Century.

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Religion in the Orient Tour Departing November 5, 1972

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R. W. Weismeyer, Griggs Hall, Room 223
Loma Linda University, Loma Linda, CA 92354
Dental association head calls for more services for children

Comprehensive dental care for children must be included at the outset of any national health program, said the president of the American Dental Association, Dr. Carl A. Laughlin, of Clarksburg, W. Va., in a speech last month at the 1972 School of Dentistry alumni-student convention held in Loma Linda. Dr. Laughlin stated that emergency dental care for all age groups should also be a major provision of any national program.

He suggested that, during the first year of the dental program, "children between the ages of two and four be provided with comprehensive dental services. After the first year, the program should gradually phase in other children from the older age groups until, by the tenth year, children ages two through 17 are included."

Dr. Laughlin added that public funds should be used to pay for the health care of the needy only, and not the affluent. The American Dental Association has long been opposed to any national health program that uses public money for the care of virtually every citizen, regardless of income or need," he said.

He said studies have shown that dental care is particularly needed by underprivileged children.

The aged and dying need benefits of home and friends

Prolonging the life of critically-ill or terminal patients is not meaningful unless the patient is returned to his environment of friends and nature, said theologian Catherine Lyons, member of the Board of Ethics in the United Methodist Church.

In a speech to nurses and nursing students attending the annual meeting of the Alumni Institute at the University last month, Miss Lyons suggested that forestalling death should only be done with a definite goal in mind.

"For us not to be intimately concerned with the effect that medical treatment has on our patient's ability and desire to enter into a living relation," she said, "is to stand in a scientific vacuum divorced from medical ministry."

Nearly 200 people jammed A-level Amphitheater in University Medical Center to hear the all-day discussion of "Who Shall Live?" The main thrust of the session centered around abortion and the terminally-ill patients.

Luther Christman, PhD, dean of the School of Nursing at Vanderbilt University, Nashville, Tennessee, delivered the annual Mary Montieth Lecture. He told the audience that it was not enough to spend costly resources on persons who must spend part of their lives on lung or kidney machines just to marginally survive. We must also start making more than feeble efforts to prevent

"About 66 percent of the children from families with incomes of less than $4,000 annually have never been to a dentist. By age 15, the average child has 11 decayed, missing or filled teeth," Dr. Laughlin pointed out.

The dental leader predicted that some form of national health insurance program will become law before the end of the decade with a portion of some type of program might be enacted before the present Congress concludes its business in 1972.

"The ADA would support the Nixon administration bill if it included dental care. In its present form, however, it does not allow for minimal dental service and we cannot support it. I would hope, before the Administration bill is considered by Congress, that its sponsors would make provisions for dental care," Dr. Laughlin added.

He explained that comprehensive dental care for children should include the following:

- Regular dental examinations, including x-rays;
- Elimination of infection and life-hazardous conditions such as oral cancer, plus congenital disfigurements and major handicapping orthodontic problems;
- Treatment of injuries in the oral structures;
- Restoration of decayed or fractured teeth;
- Replacement of missing permanent teeth;
- Elimination of diseases of bone and soft tissue;
- Maintenance of space between teeth when the service would preserve normal occlusion.

"Eventually, we expect that the dental part of a national health program would include such comprehensive dental care for all age groups," Dr. Laughlin stated.

Okinawa High Commissioner J. B. Lampert and Hayashi Yamashiro, president of the Ryukyu Agricultural Development Company, with civilian and military officials, visit a Loma Linda University Experimental Agriculture project. Conducting the tour is Jacob R. Mittler, director of the project. Intensive methods utilized in the University extension program produce vegetables and fruits more efficiently than with traditional production methods. Okinawa is considered unsuitable for food production by agricultural authorities. Mittler is conducting similar programs on other islands of the Pacific and in east Africa.

LLU and the Holy Land

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DIRECTOR, DIPLOMA NURSING PROGRAM
MEDICINE HAT COLLEGE
MEDICINE HAT, ALBERTA, CANADA

Future of higher education is subject of lecture series

Medical school training should be shortened from four to three years and medical residency programs from five to three years, said Dr. Clark Kerr, chairman of the Carnegie Commission on the Future of Higher Education, in a speech last month on the Loma Linda campus of the University. Accelerating physician education was just one of the recommendations made by the commission to Congress in 1970. In that report, the commission also suggested increasing the number of medical school graduates by 50 percent before the end of the decade.

Another facet of the 1970 report concerned improving health care delivery to Americans. Commission members recommended the establishment of more than 100 health education centers in the nation in close proximity to 95 percent of that population.

Dr. Kerr also predicted vast revisions in college curriculums. He said that future college students might soon work only three years to earn their bachelor's degree. In the next 10 years and more generally to look ahead to the year 2000. Since the founding of the commission, members have issued 11 reports with nine more scheduled for release at a later date.

Dr. Kerr's speech was part of the University Lecture Series sponsored by the Graduate School. Three students drop school for six month mission assignments

Three Loma Linda University students are dropping out of school for the remainder of the year. "But it's not a disciplinary action," says Tracy R. Teele, vice-president of student affairs for Loma Linda. The three students will take up 6-month mission assignments in Morogoro, Tanzania in Africa, and Quito, Ecuador.

Leaving for the mission assignments are Mr. and Mrs. Patrick Rutherford of Grand Prairie, Texas, and Diane Patterson of Grand Haven, Michigan. They will serve without pay.

The Rutherfords will affiliate with the Seventh-day Adventist Bible Correspondence School at Morogoro, and will direct the English language section of the school. Miss Patterson, who plans a career in physical therapy, will assist doctors in the English language section of the school.

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"There really are no funds available for the project," says Mr. Teele. "Most of the money is raised by the students. When there isn't enough money, students even pay their own transportation to the mission field."

Over 50 students from the La Sierra campus of the University have been involved in volunteer mission service since the student mission program began in 1963.

Internist Needed

In Oroville, California, with a drawing area of 30,000, we do not have an internist as well as there being a shortage of general practitioners. The people of this area must drive 25 to 30 miles to get such services. Space soon available in new suite of offices now under construction at the Medical Center Hospital. This area has a beautiful lake which is a key to the California Water Project, has a lovely small town atmosphere with population of 7,500 in God's country with a lot of fishing and hunting. SDA church and lovely country school. Contact Dale Hirst, DDS, 64 Oakcrest Drive, Oroville, California 95965 (916) 533-9563.

Dr. Kerr

Dr. Kerr is recognized as one of the top educators in the country. He is currently professor of economics at the Berkeley campus school.

The Carnegie Commission was set up by the Carnegie Foundation more than four years ago specifically to evaluate higher education in the next 10 years and more generally to look ahead to the year 2000. Since the founding of the commission, members have issued 11 reports with nine more scheduled for release at a later date.

Dr. Kerr's speech was part of the University Lecture Series sponsored by the Graduate School.
President Nixon appoints LLU cardiologist to panel

Assistant professor of medicine, C. Joan Coggin, MD, has been named to the Presidential heart advisory panel.

Dr. Coggin, who was recommended for the position by the American Medical Women's Association, says the panel will advise President Nixon on new avenues of research for the prevention of heart disease.

The committee is an outgrowth of President Nixon's March 2 speech where he called for "great inroads in the conquest of heart problems."

Dr. Coggin is one of 18 of the nation's leading cardiologists and cardiac surgeons chosen to be members of the panel. The panel will report their findings directly to the President.

As a cardiologist and co-director of the Loma Linda University Heart Surgery Team, Dr. Coggin has made trips to Pakistan, India, the Republic of China, and Greece. She was named Outstanding Woman of the Year in Science in 1969 by Muses, a support group for the California Museum of Science and Industry.

The Alumni Associations of Loma Linda University have selected the dates for their 1973 Homecomings. They are as follows:

**Physical Therapy**
- February 9-11

**School of Medicine**
- February 16-22

**School of Arts and Sciences and School of Education**
- February 22-25

**School of Dentistry**
- February 28-March 3

**School of Nutrition and Dietetics**
- April 6-8

**School of Nursing**
- April 13-15

**School of Health**
- May 11-13

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Hours: 9 a.m. to 4:30 p.m.
Fee: $40
June 4, 1972

"ADVANCED EDGEWISE MECHANICS"
Joseph Jacobs, D.D.S., M.S.
Lecture
Enrollment limit: 80 orthodontists
Fee: $80
Place: School of Dentistry
June 7, 8, 1972

"INTRAORAL SEDATION"
Newell D. Johnson, D.D.S.
Lecture/Demonstration/Participation
Enrollment limit: 5 dentists who have taken "Nitrous Oxide-Oxygen Sedation," on previous two days
Fee: $115
Place: School of Dentistry
June 14, 1972

"RECENT DEVELOPMENTS IN ORAL IMPLANTOLOGY"
Robert A. James, D.D.S.
Lecture
Enrollment limit: 50 dentists
Fee: $110
Place: School of Dentistry
June 7, 8, 1972

"PREVENTIVE DENTISTRY"
Gilbert Dupper, D.D.S.
Lecture/Demonstration/Participation
Enrollment is limited
Place: School of Dentistry
Hours: 9 a.m. to 4:30 p.m.
June 12, 1972

"SIT DOWN, DOCTOR!"
Niels B. Jorgensen, D.D.S.
Lecture/Demonstration/Participation
Enrollment limit: Members only
Place: School of Dentistry
Hours: 9 a.m. to 4:30 p.m.
July 6, 1972

"FULL MOUTH WAXING TECHNIQUE"
Peter K. Thomas, D.D.S.
Lecture/Demonstration/Participation
Enrollment is limited
Fee: $100
Place: School of Dentistry
November 18, 1972

"IMPLANT STUDY CLUB"
Robert A. James, D.D.S., Coordinator
Lecture/Demonstration/Participation
Enrollment limit: Members only
Place: School of Dentistry
Hours: 7 p.m. to 10 p.m.
June 14, 1972

"FUNDAMENTALS OF ELECTRO-SURGERY"
Charles L. Smith, D.D.S.
Lecture/Demonstration/Participation
Enrollment limit: 25 dentists
Fee: $40
Place: School of Dentistry
Hours: 9 a.m. to 4:30 p.m.
June 19, 1972

"NITROUS OXIDE-OXYGEN SEDATION"
Lecture/Demonstration/Participation
Enrollment limit: 20
Fee: $130
August 9, 1972

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**HYDROPPONICS**
Ted Greer
La Mesa, California

"Very positive. It's about time we got this caliber of film from our denomination."
Ed Boyatt
Spangle, Minnesota

"An excellent film. Definitely the best our denomination has on any of our colleges. Great filming, thought, and ability to create youth interest."
Mike Krowel
Billroth refresher course in anatomy

William F. Britney, M.D.
Prescott, Arizona 86301

Hydroponics
I had the good fortune of finding SCOPE in the local post office wastepaper can. After scanning a few pages, I saw the article on hydroponics. I wonder if a person can get a book or course on the fundamentals of hydroponics and the equipment used to grow the family's vegetables.

Ed Meckler
Angwin, California

Editor's note: The University Extension class in Hydroponics here is well attended.

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**CURRICULUM**

New graduate program in Medical Technology

A new graduate program leading to a Master of Science in medical technology or a Master of Medical Technology will be offered, beginning the fall quarter of 1972, announced J. Paul Stauffer, Ph.D., assistant dean of the Graduate School.

In addition to a baccalaureate degree in medical technology or a related laboratory science, applicants must either be eligible for certification or already be certified by the Registry of Medical Technologists.

Openings in Vocational Nursing program

Applications are now being accepted for admission into the Loma Linda University Medical Center vocational nursing program, according to Alice K. Kuhn, director of the program.

The one-year course, open to both men and women, begins January 29, 1973.

Loma Linda University vocational nursing students placed third highest in the state of California on their state examinations.

Doctor of Health Science now offered by LLU

The first Doctor of Health Science degree program to be offered in the United States begins this fall at Loma Linda University.

In a statement to members of the Seventh-day Adventist denomination Board of Higher Education, School of Health officials stated that the new program will "prepare individuals to promote health. Sufficient background in the health sciences (will be) provided so that graduates can speak authoritatively in the field of health."

The report also said that the program will give them "sufficient expertise as to how to motivate health behavior change."

School of Health officials believe...

Continued on next page

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**PHARMACIST WANTED**

Staff Pharmacist for 132 bed hospital. Department being completely updated. Good elementary school and academy, large active church. Urban or rural living. Contact Mr. Paul Gerhardt, Personnel Director, Battle Creek, Michigan 49016, or call collect (616) 964-7121, extension 586.

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**Intensive Coronary Care Nurse Needed**

Registered Nurses for Intensive-Coronary Care Unit. Conference hospital located 4 miles from Armona Union Academy. Salary commensurate with experience. Usual fringe benefits. Call collect Director of Nurses, Hanford Community Hospital, Hanford, California. (209) 582-4361.
Curriculum
Continued from previous page

In order to receive a D.H.Sc. degree would be an asset to the Church by providing well-trained health educators and helping to train qualified graduate religion and theology majors (ministers) to utilize health in evangelism and in church health education.

They emphasize, however, that while this degree program will have significant value to the ministry of the church, it should not be considered an alternative to ministry training.

Prerequisites for admission to the program include a bachelor's degree general requirements and adequate background in the natural, physical, and behavioral sciences. The program may be completed in less than 3 calendar years (11 quarters).

RESEARCH

Smog damaging to clothing

As if it were not enough to know that the pall of smog that blankets Southern California's densely populated areas causes respiratory ailments, burning eyes, and a general malaise among its victims, we are now advised that smog damages clothing and draperies, and does so within weeks.

The latest news comes from six graduate students and Bonita Farmer, professor of textiles in the University's department of consumer related sciences. They have just completed three years of research in which various kinds of textiles were hung in a control laden atmosphere in which the inhabitants of many cities live.

Findings of their research will be released to the American Home Economics Research J o u r n a l. When it comes to clothing, says Mrs. Farmer, nitrogen dioxide is one of the worst pollutants. Wash and wear cotton deteriorates very rapidly at smog levels equaling or less than those in Southern California.

Fabrics consisting of 65 percent polyester and 35 percent cotton with durene press finish withstand average smog conditions best. "People buying draperies," says Mrs. Farmer, "should do well to avoid those made from rayon and acetate fibers. These deteriorate very rapidly. Lining helped maintain the appearance, but did not help the wearing qualities. We noticed color loss in 30 days. Cotton wore well initially, but it also deteriorated rapidly after 90 to 120 days. The physical properties of polyester held up satisfactorily, but colors faded in a short time. One hundred percent velor modacrylic was the best drapery fabric tested."

"Many of our students," said Mrs. Farmer, "will be living in smog afflicted areas. Our research should at least help them in the selection of clothing and draperies."

Report on phonetic symbolism to be given in Tokyo

The sound of a word, though it may be in a language completely unknown to the language student, is not infrequently given the student a clue to its meaning. The phenomenon, called phonetic symbolism, is the subject of a report to be presented at the 19th International Congress of Psychology to be held in Tokyo this summer.

The University's Shirou Kunihira, Ph.D., associate professor of psychology, will give evidence indicating significant value of phonetic symbolism in foreign language learning. "Certain sounds in a language help the speaker of another language to guess the meaning of words in that language in a better than chance degree of accuracy," he says.

Dr. Kunihira's report is based on work done by students enrolled in his class in Psychology of Learning during the fall quarter. Their psychological studies involved English speaking students successfully guessing the meaning of words in such languages as Chinese, Hindi, Hebrew, Czech, and Thai. In each case the meaning was suggested by the sound of the word.

According to Dr. Kunihira, research in phonetic symbolism has been conducted by American and European psychologists for almost 40 years. Nonetheless, however, demonstrated that the phenomenon could be useful in language learning. The University study is the first to link phonetic symbolism with verbal learning. "The finding amounts to the discovery of a new variable in verbal learning;" observed Dr. Kunihira.

Students involved in the project are Ole Andersen, Cheryl Burkett, Peter Etcheverry, Richard Gurney, Burdette Henri, Bill Husk, Debby Kelly, Robert Lance, Nancy Nanthingham, Carol Nelson, Jim Peters, Denise Ritz, Garyy Sably, Tim Suutz, Nancy Tassell, Jim Van Sickles, and Tim Whalen. All are psychology majors.

University archaeologist joins in dig

Loma Linda University will join eight other colleges and universities in sponsoring an archaeological dig at Caesarea from June 18 to July 28. This will be the first such archaeological research at an overseas site sponsored by Loma Linda University, says V. Norskog Olsen, PhD, DTH, chairman of the department of religion.

Professor of Biblical Studies Kenneth L. Vine, PhD, will direct the University task-force. He was invited to join the consortium by church historian Dr. Robert Bull of Drew University, director of the project. Some of the artifacts excavated at Caesarea are predicted to be of significant value to the project. Funds for the University's participation are being supplied in part by the Graduate School and the College of Arts and Sciences.

Among those accompanying Dr. Vine from Loma Linda will be Dr. James Stirling, associate professor of anthropology; Richard Davidian, graduate student in anthropology; Jay and Lyndee Turner, and Sandra Aucreman, anthropology majors; and Carol Spaulding, elementary education major.

Previous archaeological expeditions sponsored by Loma Linda University outside the United States include two summers at major sites in Central America, at which anthropology students from the Graduate school and College of Arts and Sciences accompanied Dr. James Stirling. Pottery and other artifacts are still being studied by students and faculty in the anthropological laboratory.

WANTED

An internist or a family practitioner with a special interest in cardiology.

Busy six-doctor group has been reduced to four. One physician left to specialize and one recently was disabled due to an injury. Present group consists of an orthopedic, general surgeon, and two family practitioners.

This is a beautiful vacation area on the shores of Clearlake and close to the mountains. Spacious, one to two recreational areas are excellent. Good educational facilities. We are looking for an internist or a family practitioner. Salary basis. Details on request.

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FLOAT TRIPS


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The University is offering an unprecedented variety of courses and academic programs during its June 14 to September 22 Summer Session. According to Vernon J. Koenig, dean of University Extension and Summer Session, an extraordinary number of teachers and University facilities will be utilized. "While the summer session meets traditional curricular needs of many students, orientation of the summer sessions is such as to meet local and world educational needs of persons, promoting the needs and objectives of the church," says Dr. Koenig.

According to Dr. Koenig, summer session learning opportunities range from those planned for persons wishing to qualify to begin college work to sophisticated research programs for graduate students. Others, he says, will take classes to develop skills needed to increase technical or professional competence. Some students will use summer session courses to strengthen their transcripts before applying to professional schools. Some subsidized, specially-priced study packages have been arranged for students interested in developing vocational or technical competence.

College of Arts and Sciences

A Summer Session highlight is the second International Institute for Orchestra Conducting and Symphonic Performance, June 14-28. Directing the program is Herbert Blomstedt, internationally known conductor. Blomstedt conducts the Danish Radio Symph

A master class in the French horn will be conducted by Carlyle Manous of Pacific Union College.

Mr. Manous

Dr. Manous has studied with world-known specialists and has wide experience in recitals and concerts. His doctorate in music is from the University of Michigan.

Larry Johansen, instructor of brass instruments at the University of Redlands, will teach a master class for trumpeters. Mr. Johansen has worked with such trumpeters as William Vacchiano (first trumpet, New York Philharmonic), Robert Nagel (founder, New York Brass Quintet), Ray Crisara (first trumpet, NBC staff orchestra), and James Stump (first trumpet, Minneapolis Symphony).

Students wishing to benefit from these intensive high-quality work-week sessions should make early inquiry to assure enrollment.

Students from non-English-speaking countries can get a head-start on their education this summer.

A three-course series, "English as a Second Language," will be offered to provide instruction in written and oral English. "The purpose of the course is to enable students to move as quickly as possible into a full program during the regular school term," says College of Arts and Sciences' dean Ralph L. Koorenny. "The course is designed to provide instruction in written and oral English and may be taken in one, two or all three units."

Taught by the department of modern languages, the courses may be taken for elective credit and applied to the total units required for graduation from college. A total of 12 quarter units may be earned.

Regular Summer Sessions

A diversified extensive program is offered to benefit those wishing to pursue degree studies or take refresher courses.

Strong offerings are planned for those wishing to begin their freshman college year, those who have finished the eleventh grade with excellent scholarship and would like to begin their college work in September, those who are interested in specialized areas such as quantity food production, and those desiring to strengthen their transcripts preparatory to qualifying for enrollment in professional programs such as nursing, physical therapy, medical technology, etc.

School of Education

A wide range of intensive programs designed for students who wish to become educators and still have most of the summer to themselves is offered by the School of Education's department of Administration and Supervision. The courses in this program include cooperative teaching. Dr. Koenig reports that previous seminars in cooperative teaching have been well attended. Purpose of the seminars is to provide teachers with information and materials that will enable them to teach more effectively and work together with other teachers for the benefit of students.

The School of Education is also offering various courses in non-English languages and special courses in history and art to those who desire to teach science more effectively to elementary students. New and effective teaching materials and instruction and their use will be made available in these seminars.

The revolutionary and widely-received new method of teaching music to children will be presented by Zsolt Bavor during the last two weeks of the regular summer session. Teachers utilizing this method report dramatically increased effectiveness in working with students.

Graduate School

In addition to regular graduate school offerings, a Summer Session in the East is scheduled for Beirut, Lebanon, June 15 to August 14. The program includes study and travel in Egypt, Lebanon, Syria, and Jordan. It is designed to benefit college students or teachers in history, art, religion, or the modern languages. The overseas session is also open to ministers, evangelists, or non-professional students of the Bible and its backgrounds.

A secondary school biology teacher's institute will be offered again this summer for three units of graduate credit, according to Leonard R. Brand, PhD, acting chairman of the biology department, Graduate School.

According to Dr. Brand the institute will feature lectures on current information in biology, demonstrations of laboratory experiments that are suitable for secondary school use, and opportunities to preview films for classroom use.

A high point of the institute will be a paleontology field trip to Southern Utah and the Grand Canyon.

The institute is scheduled to last for three weeks. More information may be obtained from the Biology department, Griggs Hall.

Continued on opposite page
Summer sessions

Continued from previous page

School of Health

Traditional summer quarter programs will be augmented by a selection of offerings presented through University Extension. These include the 21st annual Institute for Alcohol and Drug Abuse Suppression Education June 12 to 29, and the 17th annual presentation of the popular Institute for Foreign Missions, June 12 to 29. Both of these programs are conducted by teachers qualified by experience and training. It will be of particular value to educators.

A Home Nutrition Instruction course is offered by School of Health personnel June 19 to 23. This course will be of particular value to church personnel seeking competence in conducting community health education programs in nutrition and food preparation.

University Extension

In addition to a wide variety of classes scheduled throughout the United States and overseas, University Extension will offer courses of special interest on campus. One of these is the Job Readiness course, an intensive 8-week program taught by selected faculty members annually for almost any age for office jobs. Another class in Maintenance and Repair of Sewing Machines is scheduled for June 19 to 29. An intensive Overseas Institute of Music including study of various fields and activities in music will be held July 7 to 23 at the Vejlebjerg Højskole, Denmark. A course in Vegetarian Cookery for the Family July 17 to 28 is designed for laymen who are interested in learning how to prepare attractive vegetarian meals for the home.

Two intensive seminars are scheduled for August 7 to 31 for persons seeking greater efficiency in conference association work.

Dr. Edward Heppenstall will conduct two Theology classes in Japan. A variety of courses will be offered at the Illinois and Central California campuses for the benefit of laymen and also for ministers seeking to qualify for the Adventist Academy of Ministers.

For information concerning summer sessions, write or call Dean of Summer Sessions, Loma Linda University, Riverside, California 92505. (714) 785-2214.

The popular Job Readiness program, which more than 60 graduates have found successful in preparing them for good office positions, will be repeated this summer from June 19 to August 10. Job Readiness is a special certificate program for training typists, receptionists, and clerical office workers in eight weeks. It is designed to meet the needs of young people and adults who want to improve their office skills who cannot plan for a longer period before going to work, according to Miss Charlene Baker, Job Readiness coordinator.

Vernon H. Koenig, EdD, dean of Summer Sessions, reports that the program has been unanimously successful in preparing students for jobs and helping to place them in excellent positions. The certificate each participant receives is a continuing aid in their careers to demonstrate that they have attained high levels of proficiency.

In this course students will learn to work as receptionists in medical offices, as ward secretaries in hospitals, and as medical record technicians, as well as in regular office situations.

The fee of $175 for tuition and supplies is a true bargain in terms of what the students receive in return in a very short time, according to Dr. Koenig. Students who do not live within driving range of the campus are charged $12 weekly for a dormitory room, and the dormitory rates are at the flat rate of $15 for the five days, Monday through Friday. Weekend meals are on a cash basis.

Interested persons should request the special Job Readiness application form from University Extension, Loma Linda University, Riverside, CA 92505. Further information is available from Miss Baker at the above address or by calling 714-785-2209.

AS I SEE IT

by Robb R. Hicks
Special Representative, Loma Linda University

The neglect or abandonment of personal relationships, as I see it, represents a most destructive trend in today’s world. Our relationships demand and deserve primary attention. Our relationship to God, wife, children, associates, neighbors, colleagues, and others, requires attention and concentration. So often we tend to take them for granted, and they disintegrate with inattention and neglect.

Even the best-established relationships languish without love and care. A relationship with Christ needs worship, fellowship, prayer, Bible study, and service. Without disciplined care and concern, the relationship between you and your wife and children will deteriorate. Love is a delicate plant, but a powerful force when taken seriously.

In the realm of your job, competition with associates can be devastating, like a football team with 11 men playing against each other. Position and advancement too often take precedence over common goals. Why not try cultivating a selfless, loving, caring personal relationship with your associates, above and below you in the organization.

Attention to personal relationships will lubricate the machinery of your life and make it productive.
The first homecoming for occupational therapy alumni is planned for the fall of 1972 to coincide with the annual conference of the American Occupational Therapy Association to be held in Los Angeles. You will receive further information regarding this homecoming or you may write to the Alumni Affairs Office at the University.

Richard Shimozono, PT©68, recently joined the Easter Seal Society staff and will head the physical therapy department in conjunction with the swimming department. Mr. Shimozono has been on the staff of Fort Pierre State Hospital in central California, for the past three years. Mr. Shimozono will be accepting patients for therapy by referral from a physician.

Manford Anliker, PT©71, heads the department of physical therapy at Redbud community Hospital in Lower Lake, California. Mr. Anliker graduated from Walla Walla College, College Place, Washington, with a degree in physical education. Mr. Anliker and his wife, Joyce, moved to Lake County in November, 1971.

Ruth Little Carey, DT©33, recently contributed funds to provide an award of $500 a year to a dietetic student who is enrolled in the junior year of the baccalaureate program in the School of Allied Health Professions. This award is established for a five-year period. In addition to the dietetics student award, Dr. Carey also gave $1,000 a year for a two-year period to the dietetics research program. Dr. Carey was director of the School of Nutrition and Dietetics at Loma Linda University from 1954-1967. She is co-author of the recently published Vegetarian Cookery and one of the authors of Common Sense Nutrition, published by Pacific Press Publishing Association. For information on the award, write to Dr. Kathleen Zolber, Coordinator for Dietetics, School of Allied Health Professions, Loma Linda University, Loma Linda CA 92354.

Dorothy Van Gundy Jones, SDE©72, is conducting a series of vegetarian cooking classes at Pomona Junior Academy, Pomona. Mrs. Jones has conducted cooking classes and lectured for the International Nutrition Research Foundation and Loma Linda Foods in Riverside. Mrs. Jones is the author of nutrition articles that have appeared in a number of magazines and journals and has also written a soybean cookbook.
James N. Nix, AS’69, has been appointed director of the department of archives and research for University libraries. The new department’s chief function will be to collect material related to the early history of the Seventh-day Adventist church.

Plans call for the development of Heritage Rooms in both the La Sierra and Loma Linda campus libraries, where materials will be available for senior research. “We hope to foster an awareness of what the founders of this church went through to build this movement from a few disappointed Millerites on October 23, 1844, to the mighty, world-wide movement of today,” says Mr. Nix. In addition to Adventist history, the archives will contain material of interest to those tracing the history of Loma Linda University. Those interested in contributing denominational materials should contact Mr. Nix.

NEWLY ELECTED OFFICERS FOR THE DENTAL HYGIENE ALUMNI ASSOCIATION

Recently elected officers for the Dental Hygiene Alumni Association are Bonnie H. Ritacca, DF’68, president; Jonelle A. Ehrler, DF’68, president-elect; Deanie R. Matheson, DF’68, social vice-president; Rhonda D. Greenwood, DF’68, secretary; Virginia G. McDougal, DF’68, news correspondent; and Violet D. Bates, associate member, treasurer.

Douglas Robertson, SD’69, his wife, and two children are presently living in Port-of-Spain, Trinidad. The Robertson’s are in mission work there. Betty is administrator of the Community Hospital in Port-of-Spain. According to Dr. Robertson, the patient count is 71 and has exceeded all records. They say they are extremely busy with work and Bible studies and could use another dentist on the island.

DENTISTRY

ACSA is a new organization formed last year by merging seven existing state associations of school administrators and supervisors. The purpose of the Curriculum and Instruction Committee is to study California schools from kindergarten to high school and to recommend changes to the State Board of Education and the legislators for improvements in curriculums and in methods of instruction.

The third annual Alumni-Student Symposium was sponsored this year by the School of Education who held a combined alumni homecoming with the College of Arts and Sciences alumni.

According to Elmer Digneo, SE’68, one of the highlights of the homecoming weekend was John Ford, SM’47, a San Diego surgeon who has been active in civic, educational, and church affairs in California. He was appointed to the Board of Education by Governor Ronald Reagan in 1968. Dr. Ford’s controversial stand against the teaching of evolution as a scientific fact was covered in his discussion of “Trends in Education in California.”

Officers for 1972-73 are Lester Park, SE’64, president; Glen Clarke, SE’75, president-elect; Coraene Koenig, SE’71, secretary; Norman D. Powell, SE’70, treasurer; Rita Kershner, SE’69, publicity; and Elmer J. Digneo, SE’45, past president. Directors are Ben Anderson, SE’69; Linda Dopp Parker, SE’71; Alan Bohman, SE’61; and Sally Torres, SE’69.

GRADUATE SCHOOL

Dygnette Hart, GSN’66, report an urgent need for an instructor in their nursing school in Movani, Africa. Fifteen students enroll twice a year. She writes, “This position would provide outstanding experience, challenging responsibilities, and an unforgettable two years. There will be lonely times, fun times, and sad times intermingled with hours of satisfaction.”

Edith Gillham, GSN’65, also indicates a shortage of personnel at Kendu Mission Hospital, Kendu Bay, Kenya. They have three nurses for their fifty students, she says, including six taking mid-wifery. They are also short of doctors. Construction plans call for a new maternity unit, additional ward space, improved service units, and modernization of the old wards.

Raymond G. Hall, GS’68, assistant professor of physiology and pharmacology in the biophysics department at the University, was awarded a grant of $27,250 by the American Cancer Society. Dr. Hall was one of 39 scientists at 15 California institutions to receive a grant. His grant is for the study of cell division in normal and cancerous cells. According to Dr. Hall, “the work is aimed at understanding how these cellular controls operate and what changes occur when normal cells become cancerous.”

GRADUATE SCHOOL

Viktor Christensen, SE’69, chairman of the department of curriculum and instruction in the School of Education, was recently appointed to serve on the Curriculum and Instruction Committee of the Association of California School Administrators for Inyo, San Bernardino, and Riverside Counties. The

Mr. Nix

Dr. Robertson and family

Dr. Christensen

Continued

37
Alumni news
Continued

Dudley Cobb, (left), SM’50, last year’s president of the School of Medicine Alumni Association, turns over duties to incoming president Samuel H. Fritz, SM’48 as guest speaker John G. Veneman, undersecretary for Health, Education, and Welfare, looks on. The ceremony took place at the March APC banquet. (See photo above.)

Other medical alumni officers are Marion C. Barnard, SM’44, president-elect; Harold L. Bailey, SM’53-A, first vice-president; A. Norton Donaldson, SM’43, second vice president; Janesta Janzen, SM’62, secretary; Wilfred J. Snodgrass, SM’38, treasurer; Ulrich C. Wissner, SM’41, treasurer-elect; R. Theodore Bergman, SM’30, journal editor.

Conrad Reslock, SM’39, is the only resident physician in Nevada’s spacious Nye and Esmeralda counties which cover one-fourth of the state. His territory covers 25,000 square miles of mountain and desert. Dr. Reslock has been the chief of staff and only doctor at the $1.25 million Nye County Hospital since its completion in October of 1971. Mrs. Reslock is a concert pianist and produces educational documentaries. Many of her films, such as the award winning “Wild River” produced in 1964, are shown regularly in classrooms throughout the nation. Dr. Reslock is also a deputy sheriff.

Michael G. Bower, SM’69, has asked a federal court in southern California for a writ of habeas corpus to prevent the Army from drafting him as long as it does not draft women doctors. Dr. Bower, who is on the emergency room staff at Circle City Hospital in Corona, seeks to forestall orders to report for active duty as a first lieutenant at Ft. Sam Houston, Texas, before assignment to Vietnam. U.S. District Court Judge William T. Swegert set a hearing on Bower’s petition. It says he “does not urge any frivolity upon the court such as asking it to declare women to be equally subject to the draft as men.” It notes “the current drive by American women for true equality under the law. So along with equal pay, voting rights and equal opportunity for personal fulfillment, should flow the burden of sharing in the care of armed forces personnel by female doctors.”

Two Fresno physicians, Roald Thomas Vinnard, SM’43, and Miriam E. Vinnard, SM’42, have joined Project HOPE Health Program on the Navajo reservation at Ganado, Arizona. Dr. Miriam Vinnard will work as anesthesiologist during her stay at Ganado, and Dr. Roald Vinnard will do surgery. The program is designed to introduce the Navajo and other resident Indian groups to career opportunities in the medical and health fields.

Funeral services for Dr. Milton V. Sarkissian, SM’36, a Sacramento surgeon, was held in that city recently. A native of Dimbue, he was in private practice until 2 years ago when he became a civilian physician at the McClellan Air Force Base Health Center, near Sacramento.

Glendale neurosurgeon, J. DeWitt Fox, SM’46, has declared his candidacy for the Republican nomination in the 20th Congressional District. Dr. Fox will challenge other Republicans in the June primary elections for the seat of H. Allen Smith who announced his retirement earlier this year. Since 1958 he has
practiced in the Glendale area, although for a time he was in private practice in Washington, D. C., where he was the editor of the international publication, "Life and Health."

Roger Morton, SM’69, health education instructor in the School of Health, recently presented information concerning the Riverside Better Living Center. Mr. Morton states the purpose of the Better Living Center is to use it as a laboratory for training and encouraging students in the School to participate in various community health programs. Among these are stop-smoking clinics, scientific weight control classes, cholesterol reduction food demonstrations, physical fitness evaluation and lectures, stop-drinking programs, dialogues on drug prevention, “Heartbeat” coronary risk screening programs, and vegetarian fare instruction.

Stoy E. Proctor, Jr., SM’71, recently joined the staff of Hays Memorial Hospital, San Marcos, Texas, as chaplain. Mr. Proctor, who is also pastor of the Seventh-day Adventist church there, is already laying plans for health education programs to be offered to the community during the coming year. He has made several thousand color slides for use in his health education programs.

Reinhold Klingbeil, SM’68, is currently serving in Andrews Memorial Hospital in Jamaica. Besides being a health educator, he serves as chaplain of the hospital, pastor of the church, and teaches health classes in both schools. He recently published a book entitled “Battle to Breathe,” a treatise in popular language on emphysema and its most common cause, smoking. Dr. Klingbeil is married to Antoinette, SN’41, a professor of psychiatric nursing at Loma Linda University. She is on leave of absence to head both the BS School of Nursing and the Assistant Practical Nursing School in Jamaica.

Warren C. Lovett, SM’59, was recently certified by the American Board of Family Practice and is presently co-director of the Spartanburg General Hospital Family Practice Residency. Dr. Lovett was appointed to the rank of assistant clinical professor of family practice on the faculty of the medical school at the University of South Carolina.
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August 28, 1972

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