Affiliation developed between University and Athens hospital

A continuing affiliation arrangement in cardiac surgery has been developed between hospital and the Evangelismos Hospital in Athens, Greece, according to Dr. Cleveland. The program will soon move to a larger room to accommodate all patients interested in the therapy.

School of Dentistry team leaves for Central America

A volunteer dental-medical team from Loma Linda University will spend part of their summer in the cities and villages of Guatamala and Nicaragua.

The 21-member team leaves Sunday (July 26) on the 2,300-mile flight from Los Angeles to Guatemala City where the team will split into two clinical groups for the three week trek across the Latin American country. This is the fourth consecutive year a team has gone to Guatemala.

Controversial film produced by LLU public relations staff

A new recruitment film depicting life at Loma Linda University has been produced by the University relations office.

The 40-minute color film, produced and directed by Gary Hughes, is designed to communicate the spirit, purpose, and life of Loma Linda University students and faculty to Seventh-day Adventist young people, according to Oliver L. Jacques, director of University relations.

Produced at a cost of less than $13,000, the film has the intended to be a sermon, but a view of the film is "not an overt pitch" about Loma Linda University is made in the film.

Currently in the process of final editing, the film is "not intended to be a sermon, but a view," according to Mr. Jacques.

Swim memberships open to employees

Contemporary class memberships can be purchased in the physical education office on the lower level of Gentry Gymnasium from 8 a.m. to 12 noon Monday through Friday. Student memberships are free.

Membership for University personnel, including students' families, are family, $35; two members, $70; and individual, $35. Membership fees for community residents are family, $75; two members, $150; and individual, $75.

Swimming lessons begin every two weeks throughout the summer. Further information may be obtained by telephoning 796-7311, extension 2275.
Let’s help those “forgotten Americans”

So-called political liberals of this country have stepped forward as the champions of America’s forlorn minorities. They have done this even matching rhetoric with performance, about helping the black man, the Indian, the Cubans, and the Appalachian-style poor whites.

But the liberals need not be so jealous of helping the hope-lossers, those who have the brains, brawn, and desire but not the means. There are millions of such people, and we need not lose all hope of salvation from their dilemmas. It is the unalienable right of every man to be free to give what help he can, as long as he wants to and as he is able to.

And we have such a cause. In the fashionable jargon of today’s sophisticates, they are called the “forgotten Americans,” the founders of our country, the American Indian.

The Seventh-day Adventist church has not forgotten them. For 25 years they have operated the Seventh-day Adventist Indian Mission School in northeastern Arizona, near Holbrook, as a college preparatory institution. They recently switched, however, to a vocational and technological school. It includes an agriculture and trade school.

University SCOPE, cooperating with the Social Action Corps, urges you to help this neglected community. We are expecting a large shipment of equipment, money, clothing, and other items for this school. Send your donations by check to University SCOPE at 706-7211, extension 2373.

If you have been shopping around for a cause lately, how about this one? It couldn’t hurt, and it sure could help.

Loma Linda incorporation: register!

San Bernardino County supervisors voted last Tuesday to give final approval to incorporation proposals for the Loma Linda community. In doing so, they rejected the objections of a number of property owners opposing incorporation.

According to supervisor Donald Beckord, the matter now rests in the hands of the approximately 5,500 citizens living within projected city limits.

According to supervisor Donald Beckord, the matter now rests in the hands of the approximately 5,500 citizens living within projected city limits.

Ultimate determination of the cityhood issue will depend on election results September 22, when registered voters will go to the polls.

Residents who are not registered voters must register before Thursday, July 23, according to William M. H. Clinton, registrar of voters for San Bernardino County. This should be done at the Justice Court on Anderson Street in Loma Linda, California 92354.

Letter to the Editor

Said: After receiving a brochure from the Loma Linda Hardware store stuffed in my mailbox advertising a free gift with the purchase of an item from the hardware store to use a “valuable coupon” dividend which was advertised in the local newspaper plastic drop cloth. Nowhere on the coupon page brochure did it say that I could have a mail order purchase of more than four cents, but it sure could help.

After I asked them to please show me where it said I must mail in a purchase with the coupon, I was told they had managed to mail in the purchase with the purchase. Furthermore, they would not even discuss the option of mailing the coupon. Furthermore, the manager was not in or I would have made a purchase before receiving my free cash.

After seeing the quality of the supposedly free gift, I’m sure it could not have been free. After seeing the quality of the supposedly free gift, I’m sure it could not have been free. After seeing the quality of the supposedly free gift, I’m sure it could not have been free.

1971 Spectrum features four volume set, orders accepted

Loma Linda University employees and community residents who wish to purchase any one or the entire four volume set of the 1971 University yearbook should send their inquiries to the University SCOPUS office, according to Ronald M. Burdett, SCOPUS editor.

This SCOPUS will consist of four hard-bound 80-page volumes with the following contents:

- Volume 1: Introduction. A pictorial and factual coverage of the environment of Loma Linda University as it is today and interpreting the forces that shape the University, its possibilities, and its facilities. Publication will be in early September.

- Volume 2: Facts. A pictorial and factual coverage of each school on the Loma Linda campus with an attempt to picture personalities in the school that has it. The book will show the school’s specific needs, its trends, and its effects on the people within the school. Publication will be in early January.

- Volume 3: Photos. Portraits and group photos will appear in the book. Publication will be in early March.

- Volume 4: Feelings. A pictorial and word coverage of the school year with emphasis on student activities including graduations, publications, and activities. Publication will be in July, 1971.

Cost of the four volume set is $13.00. Individual volumes may be purchased for $3.50 each. Orders should be sent to the University SCOPUS by July 30.

Loma Linda University spectrum

Order Form

Please reserve the following volumes of the 1971 Loma Linda University SCOPUS:

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Distribution:

Longtime professor Dr. Kellogg dies

Funeral services were held yesterday for professor of physiology and Morphology Kenneth E. Kellogg, MD, 59. A native of Madison, South Dakota, Dr. Kellogg graduated from Loma Linda University in 1938. He also attended Pacific Union College, Angwin, and Redlands High School.

Dr. Kellogg was a member of the American Medical Association, the American Association for the Advancement of Science, and the Medical Research Association of California, and a diplomate of the National Board of Medical Examiners.

He is survived by his wife, Virginia, and son, Kenneth, Jr.

University SCOPE is a non-profit news publication of Loma Linda University which is published by the faculty, students, and staff of Loma Linda University SCOPE. Circulation: 6,000. Subscription: $5 per year.


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Communications about news and editorial content, advertising, or subscriptions should be directed to University SCOPE, Loma Linda University, Loma Linda, California 92354. Phone: (714) 796-7211, ext. 2373.
The Adventist Collegiate Task-force (ACT), an agency established by the La Sierra campus Associated Students of Loma Linda University, is involved in a Peace Corp-like program in Ontario. Headquartered in a house which is rumored to be haunted, their target is a confrontation with the problems of alienated youth and minority communities...service and information to those in need. The 15-room two-story house, lent to the team by the Ontario Seventh-day Adventist Church, is prepared to function as a service center and halfway house for troubled youth. There is always extra bedding for runaways or youth facing personal crisis.

Included in the community service is a 24-hour telephone “hotline” which provides counseling or crisis intervention. By dialing 983-8264 anyone who needs help or a sympathetic ear will find people who “care.”

The team of students who arrived early in June have found a receptive community—“the people have opened up their minds and their hearts to us,” says Warren W. Dale, AS’71, leader of the program.
University scientists report findings on bacterial viruses

Three Loma Linda University scientists recently reported their findings on five new bacterial viruses that resemble some types of cancer viruses in their relationship to the host cells.

A preliminary report on their studies, which was published in the Journal of Virology, the monthly publication of the American Society of Microbiology, was presented by Robert L. Nutter, PhD, professor of microbiology, at the society's annual meeting in May.

Collaborating with Dr. Nutter on the research was Leonard E. Bullard, PhD, assistant professor of microbiology, and Robert L. Schults, PhD, associate professor of microbiology.

The purpose of the study, according to Dr. Nutter, was to attempt to better understand the intimate relationship between the virus and its host cell.

The project was jointly sponsored by Loma Linda University and the United States Office of Naval Research.

A virus is an agent of infectious disease. It can only grow in a living cell, whether animal, plant, or bacterial. "The viruses which infect bacteria make excellent models for the study of infection processes," observes Dr. Nutter.

They grow quickly in the laboratory, he says, and are divided into two general types. One kind, the virulent, feeds on bacteria and cell debris, while the other, the temperate type, which resembles certain of the animal viruses, makes an enzyme that enables it to live in the bacteria as a dormant virus. "The viruses in a matter of minutes inject their harmful DNA into the host cell and then disappear. So it is in the free virus cell, DNA, making it virtually impossible for scientists to detect it, even with an electron microscope."

In this state viruses resemble certain of the animal cancer viruses, states Dr. Nutter. They cannot be found in cancer tissues, even by electron microscopy, though the presence of the virus DNA has caused the host cell to become a rapidly growing cancer cell.

In their work, the three Loma Linda scientists experimented with five viruses of the temperate type which infect Salmonella microorganism. Though each organism had the same host cell, they found it was possible to destroy the bacteria and the virus with the antibiotic streptomycin or by other means.

"One approach to the cancer problem," he continues, "is to learn more about this relationship between the virus DNA and the host cell. This helps scientists to study how to destroy the cell without destroying the virus."

The most frustrating obstacle confronting scientists today is finding a vaccine that will immunize people against cancer. Dr. Nutter, is that once the dangerous DNA of the virus mixes with the beneficial DNA of a healthy cell, the virus is able to distinguish the difference between the two.

The virus, he says, has drugs available right now which would prevent the spread of cancerous cells, but there is no vaccine capable of attacking these cells as well.

"Our approach to the cancer problem," he insists, "is to learn more about this relationship between the virus DNA and the host cell, the way to distinguish the different types of cells without destroying the other."

Though their research was not aimed at finding a cure for cancer, it was the basis upon which further findings could be made in the search for an antidote to one of the world's most lethal killers.
They were the first in nine years—the first German Demo-
crats to leave East Germany. Seventy-Seven Adventists to set foot on American soil since that morning in 1961 when Berliners discovered a 10-foot high, and mortar barricade splitting in two million people.

Representing nine months of planning for their quest to gain permission to attend the 1973 session of the General Con-
ference of Seventh-Day Adventists in Atlantic City, New Jer-
sy, Mr. and Mrs. E. Hennig and Mrs. G. Huyck on September 22, 1972, crossed the border into West Germany. Taking a huge slice out of their registration fee, they saw no other plans.

Noran Loma Linda University

"Visit Loma Linda University before returning home. ©*"

They saw, Poland. Though they could not obtain visas, they were given a document granting ad-
mission to delegates gathered for the world conference. They crossed into Loma Linda University before returning home.

Medical Record

Forbids advertising

The German Democratic Repub-
lic forbids the use of any form of advertising, including handbills, television, or newspapers, to promote re-
education. Even brochures and every-

sides cannot be held in public meet-
ing halls, only inside the church. Yet, despite the hind-

rances, a fairly typical series of meetings, such as the one held last year in Leipzig, might garner 250-300 people a night, three nights a week for two months.

Mothers of mass media ad-
vertising pad the burdens on each individual church member. "But it is not a bad way," in-

Transit at Loma Linda University

Mr. Hennig, "If a church member says to a neighbor, 'If he or she comes to the meeting, it is more impressive than pub-
ic advertising.'"

The Seventh-day Adventist church is not allowed to operate a printing press, one of the state presses is publish-
ing Sabiath school quarterlies, brochures, hymnbooks, and five volumes by Ellen G. White.

Bible course

And they have developed a quarterly Bible course called "Great Time Letters," which has had, since its beginning, 4,000 enrollees. The course has an enviable record of com-

plections. Forty-eight percent of all enrollees have finished the entire series of lessons.

Bible training for the chil-

dren and youth is one of the most difficult tasks, according to Mr. Roether. "It is not so difficult to be a Seventh-
day Adventist in East Germany. Much of the training is allowed in the schools. The lack of religious training re-

quires additional service to the people. The seminary conducts a 10-
day Bible school for their chil-

dren to help substitute for the lack of religious training re-

olved in the state school sys-

The Seventh-day Adventists do, however, maintain one educa-
tional facility, Friedensau Missionary Seminary, in Magde-
burg, the oldest Seventh-Day Adventist college in Europe. Since its founding in 1859, 4,000 students have graduated.

This year, there are 80 stu-
dents, 35 of whom are training for the ministry. The seminary offers a one-year lay activities course and a five-year minis-
terial training program.

Contrary to many Americans’ opinion, says Mr. Hennig, it is not so difficult to be a Seventh-
day Adventist in East Germany. "We have many of the things that you have here. Sometimes we just have to work a little harder."

Both parents’ parents lived in Berlin, Germany. "Mr. Borchert will never leave East Berlin before the wall was built. "If all the Adventists leave, the wall will be there anyway," replies Mr. Roether, “who would like to see World’s Days of the 18 million Germans still living in our country*."

PHYSICAL THERAPIST

Physical therapist needed for expanding department at Castle Memorial Hospital, Kailua, Hawaii. 72-bed general hospital expanding to 140 beds. Ten miles from downtown Honolulu. Write Marvin Midkif, administrator, 640 Ulukahiki Street, Kailua, Hawaii. 96734.

DENTISTRY

Continued from page 1

What is today Guatemala dur-
ing the first 1,000 years of the Christian era. Bordering Mer-
derer Memo-

ber to the north and west, Guatemala was briefly a part of that country until its inde-
dependent republic was estab-
lished in 1821.

During last year’s trip, the dental-medical team held 56 clinics, treating over 4,000 pa-
tients. According to Dr. Peters, the most serious dental prob-
lem facing Guatemalans is ram-

dent tooth decay. Much of the work involves tooth extraction. When not providing clinical services to the people of the country, the team conducts health lectures, particularly on
correcting good sanitation and proper diet. It is relatively easy to find good foods in Guatemala, says Dr. Peters, especially fruits and vegetables.

At the conclusion of the three weeks working excursion, most members of the team will spend two days exploring Mexico City prior to their return home.

Student volunteers receive no academic credit for the trip. Each student must raise the necessary travel expenses for the round-trip plane fare is $250 plus any extra quarters (one Guatemala quetzal equals one United States dollar) they wish to spend on souvenirs and gifts.

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十日西钱币会士代表团于1972年9月22

日，通过东德民主共和国的边界，进入

联邦德国。

他们被邀请参加1973年的全球会议

大会在新泽西州的奥尔特城举行。他们

经过九个月的筹备和计划，通过经

授权的会议参加者们聚集的世界会

议，他们进入美国的洛玛琳达大学。

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牙科

继续从第1页

今天危地马拉在基督

教化前的1000年中，邻近

德国家。危地马拉国自

1821年独立。

去年的之旅行，牙科医

疗及医疗队举行了56

次诊所，治疗了4000

名患者。据彼得斯博士

说，危地马拉最严重的

牙科问题乃是蛀牙。当

不提供临床服务时，该

队到各个地方进行讲

座，特别是对于节食与

良好的卫生，说彼得斯

博士，尤其是水果和

蔬菜。

在完成三周的工作后，大多数成

员将花两天在墨西哥城

考察后返回本国。

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Thinking about donating your body to science? Forget it!

Do you want to do something for your fellow man? Like be a humanitarian and all that? So you’ve decided the thing to do is to donate your body to medical science after death. Well forget it and go ahead and donate a couple of grand to your favorite charity. The cadaver market is glutted.

At least that is what the medical schools in Southern California are saying.

Chairman of the School of Medicine department of anatomy William H. Taylor, MD, says the reason is the lack of space to store the bodies.

“We feel strongly that if we take anyone we should treat their remains with as much respect as possible. If our tasks are full we can’t handle them properly.”

The University of Southern California School of Medicine is not accepting cadavers either. The medical school at University of California at Los Angeles accepts cadavers periodically, but they don’t plan to from time to time because they get too many.

Public attitudes have changed about the donation of bodies to science in the past 25 years. Medical schools are usually to use many of the bodies they get. At one time, it was very difficult to get bodies for research and it was a common practice to pay for them.

“Bux,” Dr. Taylor says, “schools haven’t paid for bodies for a long time.

“Sometimes someone will call and ask if we want to buy a body. I ask them what would they do if I told them we wanted it. They kind of gulp and say they never thought of it that way. I tell them to think of it in the same way that they go into thinking about what they are doing. But I tell them nobody buys bodies these days. There is no need to.”

Loma Linda University used 67 cadavers last year. So far this year the department of anatomy has used 26. All were donated before the willed body program was used.

Schools using bodies for research include the School of Medicine, the School of Dentistry, the Graduate School, and the School of Health Related Professions.

New LLU Hospital joins Loma Linda University hospital staff service

Two new social workers have been joining the Loma Linda University Hospital staff. Dr. Anthony D. Taylor, head of social service, says that they are the first clinical social workers to join the hospital’s staff.

They are Evaline West and Joyce Buchanan.

Miss West, a graduate of Union College, Lincoln, Nebraska, is currently a graduate student at San Diego State School of Social Work. She is rejoining the social service staff for the summer.

Prior to her social work, Miss West was a dean of women at Western Southern Union College, Keene, Texas, and at Southern Methodist University, Collegeodale, Texas. More recently she was employed by the San Bernardino County Department of Social Welfare.

Miss Buchanan was employed by the San Bernardino County Department of Social Welfare. Upon completion of her master’s degree in social work at the University of California at Los Angeles, the next year, Miss West will join the staff of Loma Linda University Hospital staff.

University Hospital social service is donation

A Loma Linda University School of Dental Science professor recently gave his 24-hour dental teaching and practice award to a man who, according to Dr. Jorgensen, has done outstanding work in the past 35 years.

Nils B. Jorgensen, DDS, recently professor of oral surgery, was awarded the prize by You Ikonen International Film Festival for the color motion picture “The Infarcted Posterior Superior Alveolar and Palatine Nerve Blocks,” originally filmed in the early 1950s and recently revised and updated.

Photographed and edited by Edward N. Hamilton, Loma Linda University audiovisual staff.

Professor of biology Artel A. Roth, PhD, is participating in a month-long seminar on “Science and Religion” at the Seminary d’Auteuil near Collonges- sous-Salve, France.

The seminar will attempt to present a tolerant and pleasant twilight for the patient. This includes techniques to help the patient overcome pain free and danger free, and to help the patient to bear his fear of going to the dentist’s office. These techniques are now taught every student in the School of Dentistry.

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