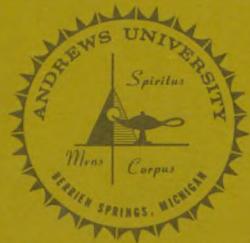


ANDREWS UNIVERSITY

FOCUS

Vol. X

October-November, 1974

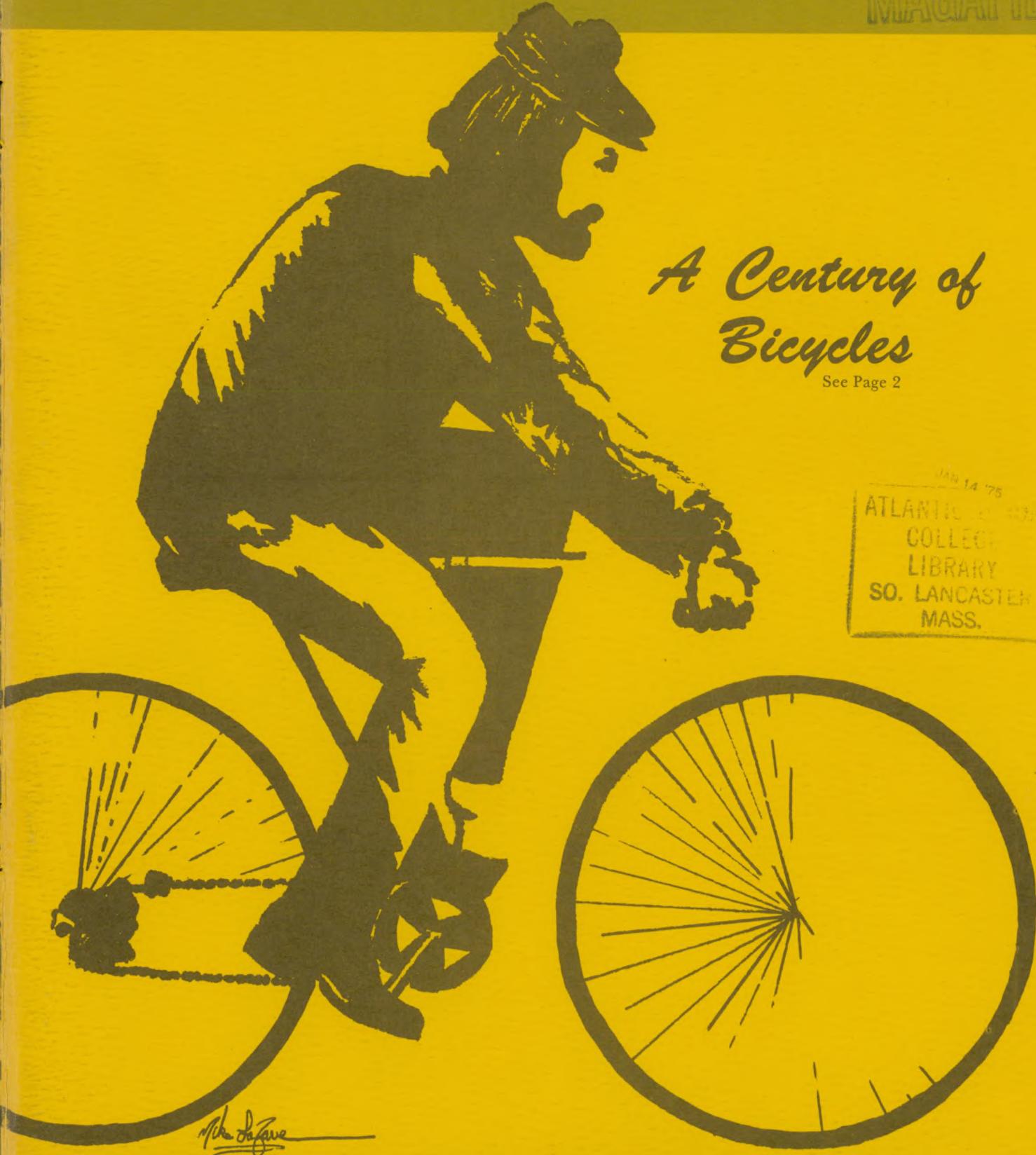
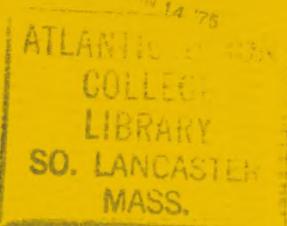


No. 5

MAGAZINE

A Century of Bicycles

See Page 2



John de Goveia



At the turn of the century, two bicycles and their riders arrived at a place they were seeking for—the perfect location for a certain kind of college.

"You can look for a site from here to Traverse City, but you'll not find one equal to the bluff out there overlooking the river for a school," said the owner of the parcel of land where Andrews University now stands.

And they didn't! Not that they hadn't tried! A systematic scouting program was organized, and the territory around Paw Paw, Benton Harbor, and South Haven was explored on bicycles. Sallie Sutherland is quoted as recalling: "My husband and I rode all over this country on bicycles. We went both up and down the [St. Joseph] river." They almost settled on an area by Goguac Lake until the bicycle scouts discovered the choice land lying near Berrien Springs.

One "beautiful day in May" of 1901, educators Edward A. Sutherland and Percy T. Magan took a bicycle ride through deep sand and dust on the narrow, hilly roads that led from South Bend to Niles and on beyond to the Edgar F. Garland

Century of Bicycles

by OPAL H. YOUNG

farm (and the adjoining Richardson farm). There it was that Magan made his now famous \$5.00 option payment to buy the land for a college that was to be moved from Battle Creek. Rumor has it that the two men spent the night camping out on the bluff overlooking the river.

A few days later, a score of officials sat there on the banks of the river while they waited for a group of "black-frocked ministers" to arrive in a buggy and walk over the farms in question. And on June 16, the "black frocks," and others involved, voted officially at a meeting in the town of Berrien Springs to buy the 272 acres at the cost of \$18,000.

And so it came about that this acreage became the nucleus of a campus that today comprises over 1400 acres. The fruit orchards gradually disappeared as buildings, beginning with a student-faculty homemade one, began to go up—buildings that served well for many years but have since been replaced with a plant that consists of 35 modern buildings and equipment valued at \$21,380,000. The fifty hardy students who had dared to follow the college down from Battle Creek for that first rugged year or so were seed for the between two- and three-thousand enrollment that Andrews registers yearly.

With the extension of the campus and distances between buildings, many of the students ride bicycles to and from class, laboratories, and work assignments. There were almost no bicycles on campus when the college put down its first roots; students, then, had no money for bicycles and no time to ride them—they were building a college, the hard way! A do-it-yourself assignment.

When competitive sports were banned at Battle Creek College, students and teachers came under the spell of a bicycle craze. Dr. Emmett K. Vande Vere, author of *The Wisdom Seekers*, tells of the appearance of the bicycle at the college. During one of the "Rhetoricals" held at chap-

el on Friday mornings, a young Englishman who had come direct from England, drew a picture on the blackboard of a "new-style bicycle that had two big wheels of moderate size and the seat midway between them, with a sprocket chain from the crank with pedals to drive the rear wheel." It did not seem to be very practical. But an improved machine was brought out the next year by the Columbia Bicycle Company.

Bicycles became the order of the day, and Vande Vere notes that the cyclists staged races, carnivals, and parades. One evening in May, 1894, some 250 cyclists paraded from the college campus through the suburbs and city, their wheels decorated with flags and Japanese lanterns.

"The advent of the bicycle," Vande Vere says, "disrupted the world as young women then knew it; now they could mingle more freely with men than ever before. The college administration and chaperons felt deep concern.... America was changing, and with easier travel available to students, the job of being college president would never be the same again." (Of course, President Prescott hadn't seen anything yet!)

(Continued on page 43)

Cover Art is by Mike LaFave

ANDREWS UNIVERSITY FOCUS



Vol. X October-November No. 5

Opal Hoover Young Editor
Randolph Neall News Contributor
Jan Hafstrom Staff Writer
Horace Shaw Alumni Correspondent
Robert Lang, Mike Scarbrough, Adam
Buriak, Dan Houghton, J. Ross, Henry
Herzog, Mark Lippi Photographers
Leona Glidden Running Editorial Consultant
Office of publication: Public Relations Office,
Andrews University, Berrien Springs,
Michigan, 49104.

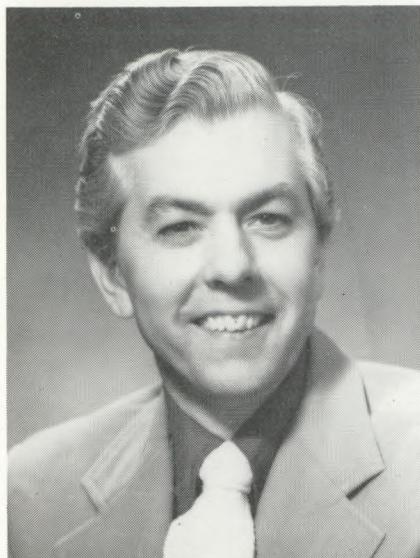
Published jointly by the University and
the Alumni Association of Andrews University
in five issues yearly—January-February,
April - May, June - July, August - September,
October - November.

FOCUS

Engineering Coordinated Program Under Way at AU and Walla Walla

A coordinated program in engineering is now underway between the Seventh-day Adventist colleges in North America as an outgrowth of a technology coordinators' workshop held at Andrews August 14-16.

Engineering and technology co-ordinators of all SDA colleges in the



Dr. William Davidson



A lab experiment in electrical circuits is carried out by Lydia Ramley, sophomore engineering major at AU. Miss Ramley will attend Walla Walla College next year where she will finish the last two years for a bachelor of science in engineering degree.

North American Division met for the workshop. Participating colleges were Canadian Union, Columbia Union, Kingsway, Southern Missionary, Southwestern, Walla Walla, Union, Pacific Union; and Loma Linda

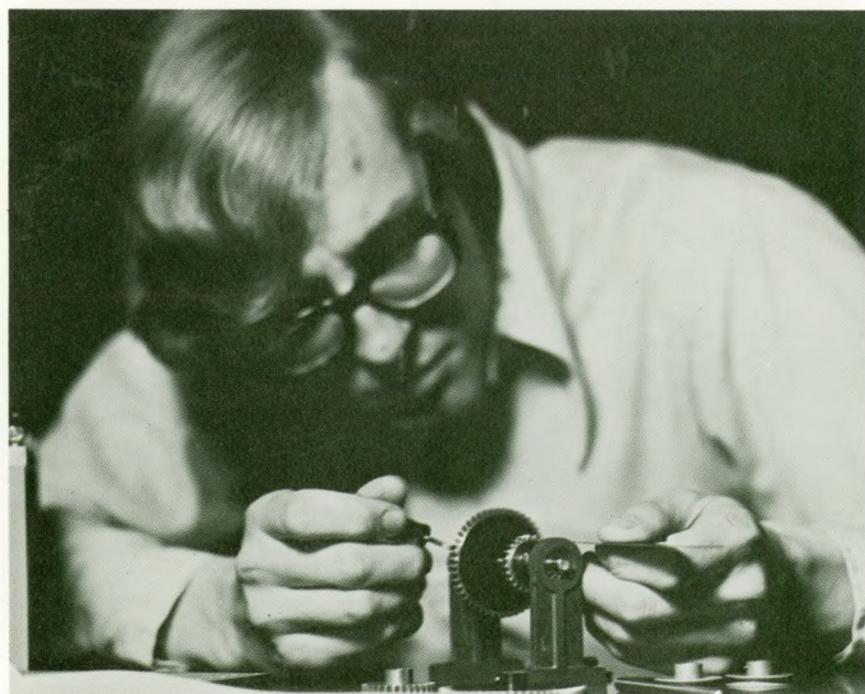
and Andrews universities.

Objectives of the conference were to compile a list of all existing technological programs in a denominational resume and from that to organize a plan for making available a program in which all students in the North American Division can participate.

"In the past, many of our colleges could offer nothing in the technology field," said William Davidson, dean of the College of Technology at Andrews University. "Now, however, a student can go to his home college for one or two years and then transfer to the school that would offer a completion in his concentration.

"Obviously, it would be impossible for each college to develop a concentrated program in all areas," Dr. Davidson said. "The workshop participants hope to accomplish an integrated community/college relationship to make available a technological education for every Adventist youth in the North American Division.

In this first attempt at coordination, Walla Walla is assuming the engineering training program, and Andrews is involved in the engineer-

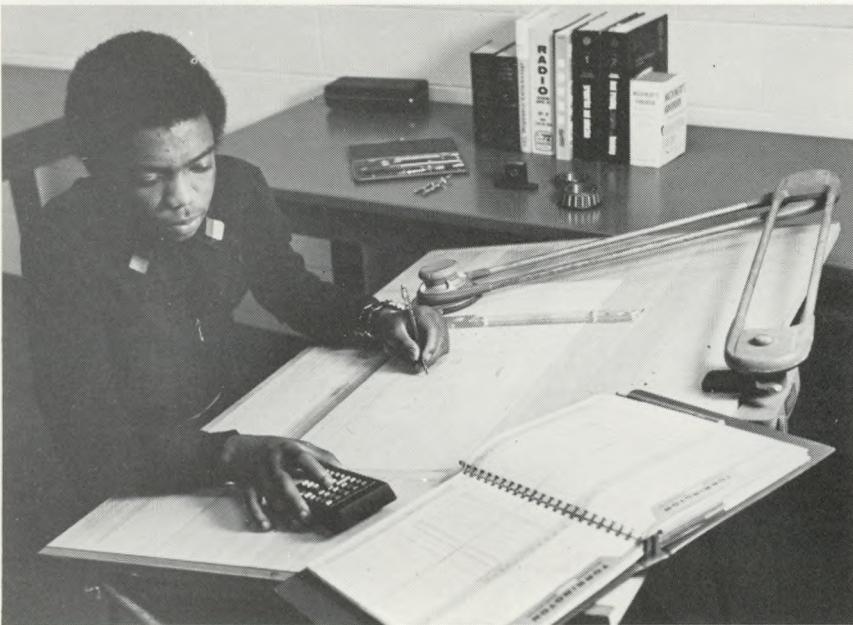


Tom Migala, engineering student, assembles a gear train.

ing technology and industrial technology programs.

"There was an enthusiastic, spiritual tone to the workshop," said Dr. Davidson. "A determination to cooperate with all colleges and to provide a solution and design for students interested in careers in technology was strongly supported by all members of the workshop."

Study and follow-up workshops will continue in a coordinated effort by all colleges in the North American Division. "We believe," said Davidson, speaking for the representatives of the colleges who met in the workshop, "this will be a means for raising enrollment and involvement in all Adventist colleges."



Ed Hall selects a bearing for a machine he is designing.

Engineering Technology at Andrews will offer concentrations in electronic engineering technology and mechanical engineering technology. A minor in electronics is also available with 30 credits to be chosen from courses in electronic engineering technology.

Industrial Technology, concerned with that portion of the technological spectrum between the skilled craftsman and management, offers concentrations in architectural drafting technology, building construction technology, mechanical technology, with minors available in building construction technology in drafting and in mechanical arts.

AU Organizes Work-Study Programs In Technology With Business Firms

The College of Technology at Andrews has organized a cooperative work-study program with several large business organizations, enabling students who have spent one year in the technology program to earn credit while working on a job during the second year.

"An integral part of any technology program is an opportunity for students to have cooperative work-study experience in a business, or industry, related to their area of interests," said Dr. William Davidson,

dean of the College of Technology at AU. "The Spirit of Prophecy recommends such a program."

Several of the industries which are now involved have divisions on an international basis, which means that students can work closer to home, after arranging a program with the nearest North American SDA college.



Results of an electronics experiment are computed by David Moll (right), physics major, and Robert Ludeman, assistant professor of physics at AU.

Chairman of College of Technology
Andrews University
Berrien Springs, Michigan 49104

I'm interested in the following program (check box).

Please send me information.

- Bachelor of Industrial Technology Degree
- Bachelor of Science Degree
- Associate of Engineering Technology Degree
- Associate of Industrial Technology Degree
- Associate of Science Degree
- Certificate of Attainment from the Center of Occupational Education

Name _____

Address _____

City _____ State _____ Zip Code _____

Telephone (_____) _____

Area _____

University Fall Enrollment Shows Gains in 3 Divisions

Andrews University has enrolled a total of 2,364 students in its various schools for the fall quarter, according to an announcement by Dr. Richard Hammill, university president. This is an increase of 88 students, or about 4% over last fall's 2,276.

Enrollment in the four-year college is 1,718, including 419 freshmen, 475 sophomores, 391 juniors, 241 seniors, and 192 non-degree students. Listed with the non-degree students are 59 enrolled in the Center for Occupational Education, which offers programs ranging from three months to two and a half years.

The School of Graduate Studies reports an enrollment of 342, while

the Seventh-day Adventist Theological Seminary has 304 students.

Statistics reveal enrollment increases of 123 in the college, 32 in the School of Graduate Studies, and 18 in the seminary.

Represented in the fall quarter enrollment are 48 states, Puerto Rico, the Virgin Islands, and 70 other countries on all continents. Other countries having the most students registered at AU are Canada, 99, and Jamaica, 49.

From the States, Michigan is represented by the largest number of students, 828, and is followed by Illinois, New York, California, and Indiana.

"New Library Addition Makes Room For 15 Years of Growth" — Mitchell

Construction of the \$1.25 million addition to the James White Library at Andrews University is being aided by grants of \$100,000 from the Kresge Foundation and \$30,000 from the Loutit Foundation. The addition will make room for 15 years' growth, according to Mrs. Mary Jane Mitchell, director of the library.

When the addition is completed in the fall of 1976, physical size of the library will be more than doubled and book capacity will be nearly tripled.

The James White Library at AU already lists 303,000 bibliographic items, including 281,400 bound volumes. Originally planned to house only 280,000 items, the library has expanded beyond that through the elimination of many seats in reading areas. Plans for the addition call for reestablishing a seating capacity of 600.

At the present rate of book acquisition, the addition now under construction will allow for 15 years of growth before being filled to its capacity of 750,000 bibliographic items, stated Mrs. Mitchell.

The present facility was first occupied in 1962, two years after the Seventh-day Adventist Theological Seminary and the School of Graduate

Studies were moved from Washington, D.C., to Berrien Springs and merged with Emmanuel Missionary College to form Andrews University.

With the merger, the library then had 113,000 bound volumes, according to Mrs. Mitchell, who was first appointed librarian of the seminary library in Washington, D.C., in 1940, and moved with it to Berrien Springs.

Rapid growth of graduate programs to meet the church's increasing demands for persons with advanced educational preparation has resulted in the 1962 building being filled to capacity sooner than was originally expected.

General contractor for the project is the AU construction department, which has constructed all AU buildings since Meier Hall (men's residence) was completed in 1964.

"This has resulted in some savings for AU," said John H. Kriley, manager for the physical plant, "because members of the crew believe in the concept of religion-centered education, wish to contribute to the educational program of the church, and are therefore willing to work for less wages than they might receive elsewhere."

New Doctoral Programs Register 41 Students

Three new doctoral programs in education are being offered this year in Andrews' School of Graduate Study. They are educational administration, educational psychology and counseling, and religious education.

The degree program in educational administration is headed by Dr. Rudolph Klimes, professor of education, and enrolls 14 students. Most of the students in the program already have extensive administration backgrounds. One student is a division educational secretary, and two students are college presidents. Five countries are represented: America, Indonesia, Australia, South Africa, and Jamaica. Research will be integrated into the study program and will be field-based, with practical-life situations.

Headed by Dr. Robert Williams, professor of education, the program in educational psychology and counseling has 20 students with the majority holding jobs and taking classes part-time for the present. Four full-time teachers are involved: Dr. Ruth Murdoch, Dr. Robert Williams, Dr. Conrad Reichert, and Dr. Mercedes Dyer. There are others who do part-time teaching in the program.

Dr. George Akers, formerly of the AU staff and just recently president of Columbia Union College, Takoma Park, Maryland, is in charge of the degree program in religious education. Seven students are enrolled in the new program with more expected in the near future. The first graduate in the course, Dr. Akers says, is expected to receive his degree in 1977. This program will train a specific kind of spiritual leader to work with the MV and Sabbath School departments and with home and family education. "We need to train character education specialists who can help our lay people make the Adventist home again the basic unit and foundation of character development," said Akers.

These new programs make a total of five doctoral programs available at Andrews for graduate students.

Essays on Christian Living Published by AU Professor

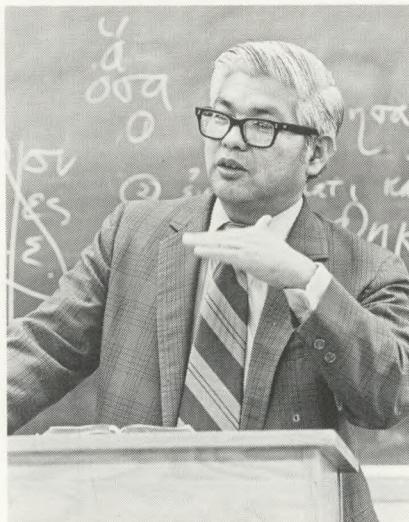
Calculated Goodness, a new book written by Dr. Sakae Kubo, librarian for the SDA Theological Seminary at Andrews University, has been released by Southern Publishing Association, Nashville, Tennessee.

The book is a compilation of essays on contemporary Christian living. Dr. Kubo is a professor of New Testament at the university. He received his master of arts degree and master of divinity degree from Andrews, his doctor of philosophy degree from the University of Chicago, and his master of library science degree from Western Michigan University.

Some of the topics dealt with in the book include whether or not Christians should do good deeds for ulterior motives, whether Jesus Christ was, indeed, tempted in all the points mankind is, and whether Christian liberty and commandment-keeping are incompatible.

Dr. Kubo holds membership in the Society of Biblical Literature, the Society of Biblical Research, and the

American Theological Library Association. He is author of several scholarly books, including *P72 and Codex Vaticanus*, *A Reader's Greek-English Lexicon of the New Testament*, and coeditor of a book entitled *Theological Bibliography*.



Dr. Sakae Kubo



John A. Kisaka, Seminary student at Andrews from the eastern African nation of Tanzania, presents a five-foot spear to the university on behalf of Ikizu Seminary in Tanzania. The spear is only slightly shorter than the type used by the war-like Masai people, among whom Pastor Kisaka pioneered as the first Seventh-day Adventist missionary. Received here by University President Richard Hammill, the spear will be displayed in the Heritage Room of the James White Library.

Paxton Takes Post in Arizona Conference

J. Gordon Paxton, associate pastor for college youth at the Pioneer Memorial Church of Andrews, moved to Tempe, Arizona, in October, to pastor the Seventh-day Adventist church there, according to Dr. John Kroncke, pastor of Pioneer Memorial.

During Paxton's six years at AU, he established a campus ministry for students, and under his direction 78 student missionaries from the university have served throughout the world as teachers, nurses, farmers, builders, etc.

He hopes to form a campus ministry outreach program to Arizona State University, located near the 350-member Tempe church.

Paxton holds the master of arts and master of divinity degrees from Andrews and is currently working toward a doctorate of ministry degree. Before coming to Andrews, he was a pastor-evangelist in Nevada, Utah, and California.

Wrote student Paul Koles: We cannot deny that Elder Paxton's leaving will be felt by all, even by those who never had the privilege of getting to know him. Yet, like Job, it would be well for us to affirm that "the Lord gave, and the Lord has taken away; blessed be the name of the Lord."



Pastor J. Gordon Paxton

"My six-and-a-half years at Andrews have been an experience of growth," said Paxton. He leaves Andrews a legacy of hope that the Spiritual Life Center located in the basement of the Campus Center will blossom and that continued growth and development will mark the Adventist Task Force program in North America until it is on an equal basis with the student missionary program. He also hopes that there will be a more effective pattern of counseling referrals from faculty and staff to the campus ministry office. He envisions a deeper involvement on the part of faculty members with students, not just as sponsors for activities, but as friends and resource persons in all areas of university life.

AU HESHBON EXPEDITION UNEARTHS MAMLUK BATH

by ELDYN KARR

The best preserved Mamluk bath in Jordan, a Roman temple dating to the third century A.D., and the fortifications of a 12th-century-B.C. city were among the archaeological treasures unearthed during Andrews University's Heshbon expedition this summer.

This was the fourth successful season of excavation at the biblical site located some 16 miles from Jordan's capital, Amman. Another season is planned for 1976, according to Dr. Lawrence T. Geraty, director of this year's expedition and assistant professor of Old Testament at AU.

The Jordanian government kept only a few dozen of the items discovered this summer, and over 400 items were shipped to the U.S. for cataloguing, study, and display at AU.

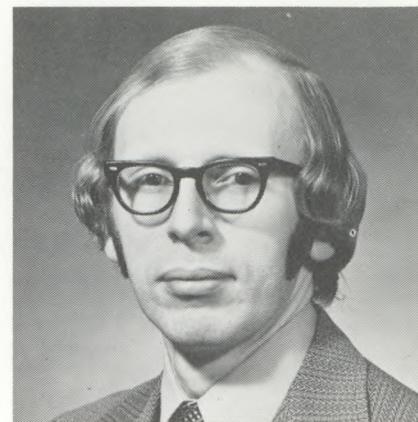
The Islamic bath at Heshbon first came to light when the 1973 expedition team attempted to find the narthex of a 6th-century-A.D. Christian church.

Further excavations this year showed that the bath, constructed in the 13th or 14th century, measured about 15 meters by 6 meters. There was a large lounging room in addition to the bath area, and hot and cold water was supplied via clay pipes.

Because the bath is so well preserved, even to having complete lintels with the doors, the Jordanian government is taking steps to restore it as a tourist attraction. The bath is the only one of its kind ever found in Jordan.

Dr. Geraty explained that although finding the bath has made impossible any further excavation of the Byzantine church, the protection now being given to the find by the government will greatly reduce the vandalism that has plagued the Heshbon site between other excavations.

Another architectural find at the site this year was a Roman temple that preceded the Byzantine church. Further excavation is necessary be-



Eldyn Karr concludes a series of FOCUS reports on the Heshbon excavations.

fore it can be determined whether the temple is the one depicted on a coin found at the site last year, said Dr. Geraty. The coin was minted at Heshbon—or Ebus, as the Romans called the city—about 220 A.D.

With the discovery this year of a second rolling stone tomb from the time of Christ, the Heshbon site now has the only two tombs of that type ever found in Jordan. Although grave robbers had removed many items from the tomb, they had gotten in from the back side, leaving the rolling stone in place where its position can be viewed from both inside and outside.

The 1973 expedition found evidence that the site was occupied as early as 1200 B.C., and this year's team found more architectural remains from that time, including city fortifications.

Fortifications of an 8th-century-B.C. city were also discovered, but Dr. Geraty noted that nothing has yet been found which dates to the time of Sihon, the Amorite King whose capital, Heshbon, was the first city taken by the Israelites in their Exodus from Egypt (Numbers 21).

An interesting item found on the last day of the dig was an Ammonite ostraca bearing a four-line inscription.



Prince Raad (left), a cousin of King Hussein of Jordan, works at the Andrews University archaeological excavations at Heshbon, Jordan, with Dr. James J. C. Cox of the AU faculty and Kathleen Mitchell, Berrien Springs. Miss Mitchell is an AU alumnus and is currently pursuing doctoral studies in European medieval history at Michigan State University. She and Dr. Cox were square supervisors at the Heshbon dig, where the fourth successful season was completed this summer.



An unusual, early Roman lamp with double spouts and a chimney was among the items unearthed during this past summer's archaeological excavations conducted by AU at Heshbon. The lamp is about three or four inches in diameter and was found outside the door of a tomb. It was one of the few items kept this year by the Jordanian government for display there. Over 2500 other items were returned to the U.S. for cataloguing, study, and display at AU.

The Jordanian government has kept such ostraca found during previous Heshbon seasons, but allowed the Andrews team to bring this one back to the U.S. for display at the Archaeological Museum in the James White Library at AU.

Other items unearthed this year included coins, whole pots, a 2500-year-old iron needle with the eye preserved, and a flogging head from the Roman period.

The 1974 expedition, June 26 to August 14, involved 75 staff members from 9 countries, as well as 150 workmen from the Heshbon area.

Hope College of Holland, Michigan, provided financial help through the Kyle-Kelso Archaeology Fund. Also assisting AU in funding this year's work were Calvin College, Grand Rapids, Michigan; Grace Theological Seminary, Winona Lake, Indiana; Covenant Theological Seminary, St. Louis, Missouri; the Graduate School of Loma Linda (Calif.) University; and the American Schools of Oriental Research (ASOR), which has cosponsored the digs since they began in 1968.

The president of the ASOR, Harvard archaeologist G. Ernest Wright, made his first visit to the Heshbon site this summer, shortly before his death. Considered the world's leading biblical archaeologist, he has de-



Persons on a tour sponsored by the AU Alumni Association listen as Dr. Lawrence T. Geraty, director of the AU archaeological excavations at Heshbon, Jordan, describes the work being done there this past summer. The tour visited the biblical site July 30.

scribed Heshbon as the type-site for pottery sequences from the Roman to the Crusader periods.

Other visitors to the site this year included Suleiman Nabulsi, former prime minister of Jordan and more-or-less the country's elder statesman today; Thomas Pickering, the new American ambassador to Jordan; and Prince Raad, a cousin of the Jordanian king, who actually worked at the dig for a couple of days.

International Scene At Andrews University

An International Student Committee exists on campus to help internationals get better acquainted with their new environment and to strengthen and enlighten, through shared experiences, the attitudes of American students and internationals toward one another.

Several programs have been adopted on campus to help the students from other countries to feel at home at Andrews. The flag walk with its colorful flags of nations flying across campus from time to time is one of those steps.

Also numerous academic and foreign-language clubs exist on campus for their benefit. International students are welcomed to join Phi Alpha Theta, the International Historical Honors Society; Alpha Mu Gamma, the Foreign Language Honors

Society; the International Students' Club and other groups for students from specific regional areas such as the Far Eastern Division Club, Afro-Mideast Club, Caribbean Club, and the Canadian Club. And there are Sabbath School classes on campus conducted in French, German, and Spanish languages which meet in Griggs Hall and the Berrien Springs Spanish Church.

(More, page 35)

FOCUS

AU Professor Receives \$65,700 in New Grants For Seagull Communication Research

GRANTS TO DATE TOTAL \$240,158

New grants totaling \$65,700 have been awarded Andrews University for further research in seagull communication. The work is being conducted by Dr. John Stout, professor of biology at AU.

A study of the effects of crowding and population density on the ability of gulls to maintain an effective social structure is being funded with a \$56,000 grant from the National Institute for Neurological Diseases, a branch of the National Institute of Health.

In addition, Stout has received \$9,700 through the Office of Scientific Research of the U.S. Air Force to develop artificial models that will keep airports free of seagulls. This grant is a continuation of a \$32,458 contract awarded last year by the Air Force.

Artificial Gull Models Save 3-4 Million Dollars In Airport Accidents

Stout noted that he and his graduate assistants have met with considerable success in their seagull dispersal work. "We have been able to keep gulls away from airport runways by placing stuffed gulls nearby so that they appear to be dead or in a distressed position," he said. "The models are then moved from time to time so that the gulls don't become accustomed to their placement.

"The response to these models is the same as the response we get when gulls are killed in the natural environment," he continued. "The gulls fly over the area in increasingly larger circles and finally disperse."

According to Stout, the new Air Force grant will be used to develop artificial plastic models which will have the same effect on the gulls as the more lifelike stuffed birds.

"Last year the Air Force lost \$24.5 million as a result of bird strike hazards," he stated. "Thirty percent of these losses were caused by gulls interfering with landings and takeoffs.

Through the use of artificial models, we believe we can prevent at least half of these losses with annual savings of three or four million dollars."

Stout has been studying seagull communication since 1964. His \$56,-

population increased 20-30%, the mortality rate doubled.

"Our previous research showed how the gulls used communication to get rid of intruders and defend their home territory," said Stout.

The gulls think they are "for real."



000 grant from the National Institute of Health is a continuation of a previous \$42,000 grant from the Institute.

"We want to evaluate the effects of density on the communication process of gulls," he said. "We know the communication process fairly well. Now we want to see how it applies in a specific situation."

Stout has been able to discover the meaning of the gulls' individual communication signals and how they are used in maintaining social structure. "We have been able to identify significant body positions and sounds and how their meaning changes with the orientation and movement of the bird," he said.

In studies conducted at Puget Sound, Washington, he discovered that when the density of the gull

population increased 20-30%, the mortality rate doubled. "Our previous research showed how the gulls used communication to get rid of intruders and defend their home territory," said Stout.

"However, as the population density increases, they are not as effective in defending either their territory or their young. We believe this is caused by some change in the communication process."

A group at Oxford University is also engaged in studies on gull communication, and a program of cooperative research and planning has been set up by Dr. Stout and Dr. Niko Tinbergen, a leading animal behaviorist.

(More, page 14)

New Supermarket Under Construction

Berrien Enterprises, Inc., and Andrews University have finalized plans for beginning construction of an exclusively university-leased-and-operated supermarket on US 31 opposite the Berrien County Youth Fair grounds, according to V. E. Garber, vice-president for financial affairs at Andrews. Estimated at \$1,000,000 cost, the 40,000 square-foot market is to be completed by April, 1975. Construction began the second week of October.

In addition to the supermarket, an adjoining 8,000 square-foot area is allocated for non-food merchandising.

The new facility, over four times larger than the present University Market, is designed for wide aisles and a modern, pleasant-shopping atmosphere. The market will also contain a "store within a store," featuring what Garber expects will be the largest stock and widest variety of health-food specialty items in the area.

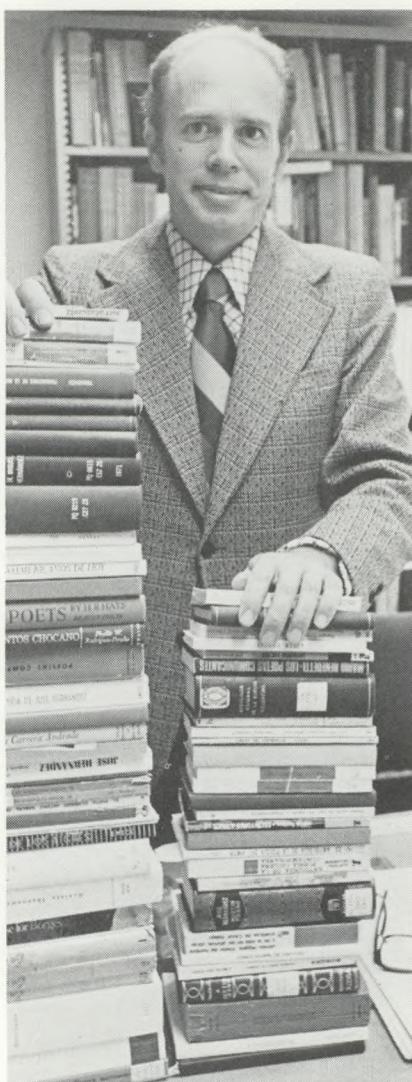
A bakery in the market will supply supermarket customers as well as the campus food service. Plans also include a drive-in, sheltered-service area for grocery pick-up during inclement weather. The parking lot is to accommodate 200 cars.

As any other business, the new market will operate on a regular commercial tax base. "This means," said Garber, "that the new market will bring economic value to the local township and the county, as well as benefit the Berrien Springs public school district."

The new supermarket will meet several needs of the university as well. With the construction of the science complex, the location of the present market has become increasingly inappropriate in an expanding academic environment. "We don't want to mix the commercial with the academic," Garber said. By moving the market to US 31, the university intends to improve campus layout and make the store more accessible to customers.

Cramped into 8,000 square feet, the present market, which includes the crowded university bookstore, can no longer properly accommodate

Rasi Contributes 85 Entries To Library of Congress Handbook



Preparation of 85 entries on Spanish-American poetry for this year's Handbook of Latin American Studies required Dr. Humberto Rasi to study the volumes stacked on his desk above. Dr. Rasi, chairman of the AU modern languages department, is a contributing editor to the handbook, which is prepared by the U.S. Library of Congress.

its customers. When vacated and remodeled next year, the entire building will serve as the university bookstore.

Garber expects the new supermarket to increase student employment opportunities as well as offset rising tuition cost. "All profits from university commercial enterprises go directly into an academic endowment to keep tuition at a minimum," Garber said.

Dr. Humberto Rasi, chairman of the modern languages department at Andrews University, is contributing 85 entries to this year's *Handbook of Latin American Studies*, prepared by the U.S. Library of Congress and published by the University of Florida Press.

The handbook is the oldest continuing bibliographic source on Latin America and serves as a basic reference and also as an acquisition tool.

Dr. Rasi is one of 85 contributing editors to the book and is one of four working with Spanish-American poetry. His special areas of interest are poetry dating before World War II and written by authors living south of Peru, as well as anthologies from any period.

Alternate years of the handbook are devoted to the humanities or to social studies. Dr. Rasi began contributing to the humanities editions in 1972.

Each of the 5,000 entries in a volume summarizes the content of a particular work, evaluates it, and connects it with other works by the same author or on the same subject. The entries are prepared in either English or Spanish; Dr. Rasi writes his in Spanish.

Dr. Rasi was born in Argentina and educated both there and in the U.S. His studies of Spanish and Spanish-American literature have been published in the professional journals, *Tri-Quarterly* and *Revista Iberoamericana*; and he has written reviews for the *Modern Language Journal*.

The *Handbook of Latin American Studies* was begun in 1936 and was taken over in 1944 by the Latin American, Portuguese, and Spanish Division of the Library of Congress.

According to Dr. Rasi, the 16,000,000 volumes in the general book collection of the Library of Congress include an estimated 1,000,000 that are concerned with Hispanic and Portuguese culture. He said the library also has related manuscripts, periodicals, photographs, and prints, as well as the best archive of Hispanic literature on tape.

THE BIOLOGY DEPARTMENT

by WALTER M. BOOTH

Training biological scientists within the framework of Seventh-day Adventist religious belief and creationist philosophy is the objective of the Andrews University biology department. The department was organized some 40 years ago when Professor Burton H. Phipps began teaching biology at Emmanuel Missionary College, and has grown until it is now one of the largest departments at Andrews.

The present staff of seven persons is headed by Dr. Asa Thoresen and includes Dr. Bill Chobotar, Dr. Leonard Hare, Harold Heidtke, Dr. Richard Ritland, Dr. Gerald Snow, and Dr. John Stout. Dr. Frank Marsh is professor emeritus.

During the past few years over 100 students have majored in biology annually (current enrollment is about 140), and about 30 students have graduated each year with bachelor of arts or bachelor of science degrees. Nearly half of these have entered medical or dental school; most of the rest have gone into teaching.

The growth of the nursing program at Andrews has been accompanied by an expansion of departmental courses in microbiology, anatomy, and physiology. Prospective pharmacists, veterinarians, and others have also found biology department offerings suitable to their needs.

Graduate Program Offers Independent Research

Some biology graduates elect to continue their studies at Andrews. The graduate program in biology was inaugurated in 1962 in connection with the master of arts in teaching degree program of the School of Graduate Studies. The first master of arts candidate was graduated in 1967. Currently over 20 graduate students are engaged in guided, independent research programs of a wide variety, such as physiology and germination of plant pollen, electrophoresis of egg-white protein, and pollution in the St. Joseph River.

Since December, 1972, the department has been housed in George McCready Price Hall, the central building of the new science complex. This building, one of the finest available for teaching and research in biology, has six large instructional laboratories, twelve smaller labs for projects and individual research, classrooms, offices, amphitheater, museum, greenhouse, and solarium.

The museum contains a wealth of specimens for zoological research, including a fossil mammoth exhumed in the early 1960's a few miles from Andrews. The skeleton of this beast has been assembled by paleontologist Richard Ritland, department chairman Asa Thoresen, and their students.

The solarium and greenhouse atop Price Hall enhance the research and study facilities of the department. The solarium features a biological control system with a simulated natural environment. This ecosystem in miniature, including birds, fish, turtles, and amphibians, affords opportunities for continuous, year-round study of plants and animals,



Dr. Asa Thoresen

unaffected by temperature extremes and the normal biological quiescence of winter.

The greenhouse, with its carefully regulated temperature, permits experimental growth of plants under a variety of natural conditions. Plants of desert, temperate, and tropical cli-





Cinephotomicrography, the making of motion film through a microscope, is helping Dr. Bill Chobotar, assistant professor of biology at AU, in his study of parasites. Dr. Chobotar believes his research may result in knowledge that could aid in the treatment of parasite problems in domestic animals and man.

mates are now being grown in different sections of the greenhouse.

Field Facilities

In addition to Price Hall the department has other facilities at its disposal. For field research an 85-acre tract, the Robinson Preserve, owned by the Nature Conservancy, has been loaned to Andrews. This area near Lakeside is about 20 miles from AU, and consists of sand dunes and beech forest. Here students may explore the ecological and biotic relationships of a specialized type of natural habitat.

For field research in aquatic biology the department offers students the use of its recently acquired 30-foot cabin boat "Diatoma." This vessel, powered by twin inboard motors, is currently being used in the investigation of pollutants at the mouth of the St. Joseph River.

Dr. Thoresen and Dr. Snow have been assisted in the initial three-year,

river-pollution-study project by several college and graduate students at AU. One student, for example, worked primarily with aquatic insects; two others did independent research on the bacteria in the river system. Dr. Thoresen notes that the overall goal of the project is to look at the presence and dynamics of chemical, physical, and biological properties of the river system, with emphasis being placed on studying the interaction of the river with Lake Michigan.

A cooperative program with Walla Walla College at the Rosario Beach Marine Biological Station on Puget Sound in Washington state affords opportunities to students interested in marine biology. This study facility, complete with living quarters, library, and laboratories, offers courses in general biology, biogeography, animal behavior, and other areas of marine and terrestrial biology. Station boats permit travel to offshore areas and the collection of marine organisms. One professor from Andrews assists in this program annually.

In recent years the department has conducted field expeditions to Wyoming, Peru, and the South Pacific. These summer field trips have provided participants the opportunity to



Frogs don't come to you—you have to go to them, even if that means wet feet on the AU farm. Dr. Asa Thoresen, chairman of the biology department, joins students Jim Sands and Tim Straight on a hunt for classroom specimens.



Students in paleontology class study fossils. The biology department provides a variety of specimens for study; some of them are displayed in the department's museum.

study at first hand the plant and animal life of remote areas as well as some of the large-scale aspects of plant and animal distribution. A similar expedition to central Africa is planned for the summer of 1975.

For some students, a special attraction of the Andrews biology department is the animal communication research being done by Dr. John Stout. Currently studying both seagulls and crickets, Dr. Stout says his major goal is to understand how communication operates. "Similar kinds of communication exist in various animals," he explains, "and similar results occur when communication breaks down. We are attempting to identify behavior and communication patterns which contribute to a stable structure in the animal society."

His research has been successful enough that he has received over \$240,000 in government grants and contracts since 1963. During the last few months, articles in several newspapers, including the *National Observer* and *Newsweek*, have dealt with his work on developing techniques to keep seagulls from interfering with airplane landings and takeoffs. Several commercial airline crashes have been attributed to such interference.



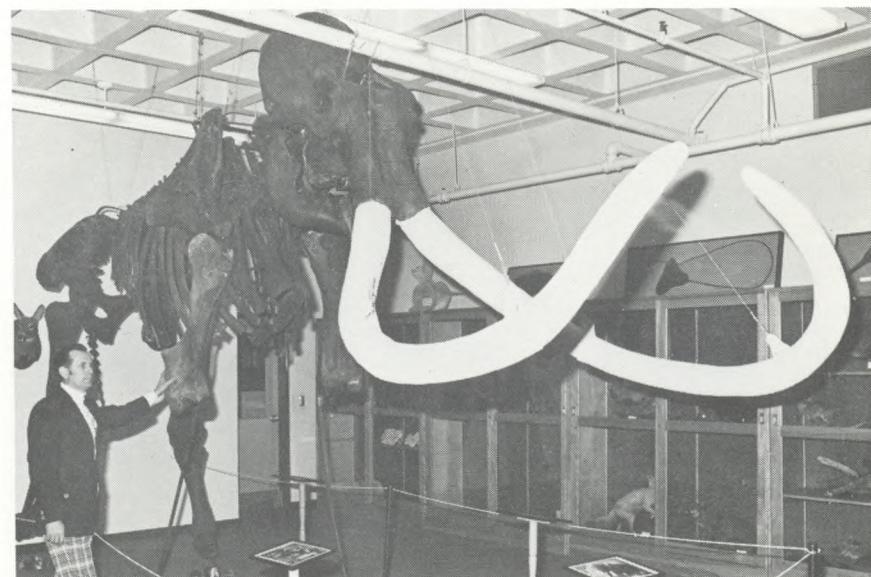
A student, hooded for warmth, records findings in research of pollution in the St. Joseph River.

Looking to the Future

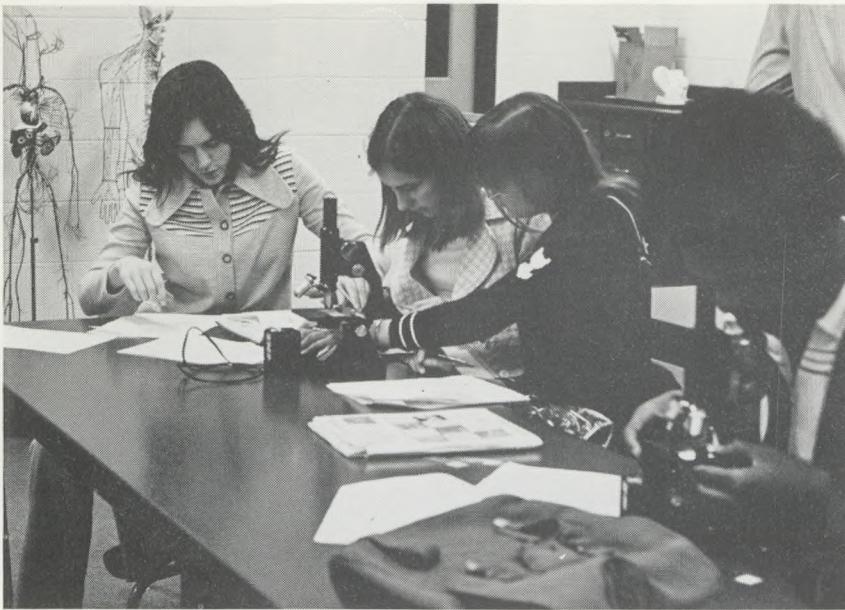
Looking to the future, the biology department faculty anticipates expansion of the graduate program. It is expected that interdisciplinary programs will be developed in such areas as science and religion; sociology, psychology, and biology; and the mathematical and physical sciences and geology. For example, a program leading to a master's degree in science and religion would meet the needs of secondary teachers and other denominational workers, as well as



The experimental growth of plants under different controlled temperatures, is watched by Dr. Leonard Hare, professor of biology.



A fossil mammoth exhumed in the early 1960's a few miles from Andrews is displayed in the biology museum. The skeleton of the beast was assembled by paleontologist Richard Ritland, department chairman Asa Thoresen (pictured), and their students. It stands 11 feet high at the shoulders.



Students study projects in biology class.

of students planning further graduate work in a number of disciplines.

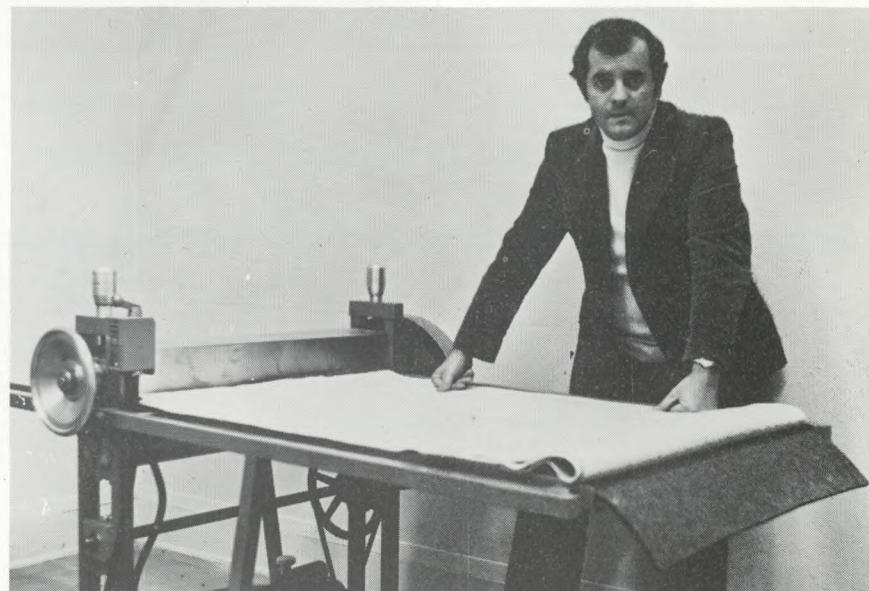
Further study must also be given to the scientific and theological implications of creationism in the light of Seventh-day Adventist religious belief, and to the relationship of science and religion in general.

The department also hopes to expand the offerings of field trips to areas distant from Andrews.

Finally, recent dramatic developments in the areas of environment control and behavioral and genetic engineering raise ethical questions and challenge theological convictions, and are therefore of great interest to Seventh-day Adventists. Andrews University biologists foresee playing a definite role in formulation of the denomination's response to this challenge.

Seagulls (from page 9)

"We have seen some parallels between the kinds of changes in human behavior and gull behavior when density increases," said Stout. "These similarities cannot be ignored. Scientists have already demonstrated in gulls and mammals that as population density increases, the normal social behavior changes rather dramatically. This results in problems similar to those which arise in humans."



Gregg Constantine, chairman of the AU art department, stands by the Meeker etching press recently donated to the department. Worth \$2600, the almost new press was donated by the widow of Adolph Gottlieb, New York artist.

Stout and his graduate assistants continued their studies this summer at a marine biological station near Anacortes, Washington, at Ellington Air Force Base, Houston, Texas, and in Michigan.

Since 1963, Stout has received \$240,158 in government grants and contracts for his communication studies.

Meeker Etching Press Gift to Art Department

Mrs. Adolph Gottlieb, widow of the well-known abstract expressionist artist from New York, has donated an etching press worth \$2,600 to the Andrews University Art Department.

Gregory Constantine, chairman of the department, received the press from Esther Gottlieb last month and had only to arrange delivery of the press to the university. Constantine said that Mrs. Gottlieb was happy the press could be given to an art department that really needed and could appreciate it.

The 30" x 48" Meeker motorized press was used by Gottlieb prior to

his death this spring. It was purchased last winter and used only a few times by the painter.

Constantine said the art department was fortunate to receive the gift. "It came at an opportune time," he said. "Peter Erhard, a new teacher in the department, did not have the necessary tools for teaching, and we would have been unable to afford the expense of this large a press."

The process involves copper plates, etched with the artist's design, inked and attached to the press. Water-dampened paper is then placed over the copper plates where rollers firmly press the paper on the inked copper plate, making the impression.

Richard Hammill's Success Linked To 'Hard Life'

S. MARGERY WILSON
(Stanfield, Oregon)

seldom ever hear of a herder as president of a university. School administration demands more of a man than herding sheep.

sheepherder travels a trek between lambing corrals, pastures, and a trip to town on payday (which could be once a year).

This slow simple life hooks some men and few drop out. When mounting a horse presents more problems in difficulty than awkwardness, a sheepherder knows his career is over.

Dick Hammill proved an exception to the rule. He first herded sheep for Jim Hoskins helping move a herd of 2,000 sheep 22 miles from Stanfield to Pendleton, to begin there the slow climb up into the lush pastures of the Blues in eastern Oregon.

Once in the mountains, 15-year-old Dick took the mule packstring ahead of the flock, searched for a campsite that would suit the taste of both the sheep and the boss, unpacked the gear and set up camp.

He also starred as camp cook preparing the meals over a campfire. In his spare time, he looked for lost sheep, stray horses, and did general tending.

\$10 A MONTH

Salary? Dick's duties brought \$10 a month — \$15 for an extra hard job. Of course, the boss couldn't keep track of all the extras. Like too much gear and too little mule, the mule's objections, an ornery saddle horse, dry waterholes, coyotes, and the ever stupid sheep.

During the school year, Dick helped on his father's 30-acre farm adjacent to Cold Springs Reservoir, called the old Briarley Place. There the eight children busied themselves tending alfalfa, a few turkeys, and milking to sell cream to the Hermiston Creamery.

Dick really didn't mind milking ten cows when he was home. But he loved to work the horses his father kept to pull the

mower and rake in the hayfield. In a horsecrazy fever, he spent \$15 for a wild pony from a horsetrader's string, but it split for its home in the Heaven Hills across the Columbia River.

After acquiring a bay tamer temperament, with Paul Baker and Kopacz hunting ducks, geese, and deer, and trapping coyotes, surviving occasional rattlesnakes, enjoying life.

But in the summer, sheep, even after he was valedictorian from High School in 1948, twelve graduated each year of an average of 50 smalltown school.

Herding sheep, too different from summers except graduate's young

ENJOYED

He had to admit that and the mountain solitude into a fellow's blood, especially if he had a flock by himself. He already knew the game and the big ranchers liked to hire experienced dependable men who would be permanent. He would probably never go hungry and that year it looked as though he

"I didn't really want to be the wife of the president of Andrews University when I learned about it, but I believed in a decision I made when I was first married. That meant that in whatever direction the Lord led us, I would accept it as the right one."

The years form an interesting pattern in Dena Hammill's life. Born Dena Tininenko, she was from the town of Bainville, Montana, originally. Her parents were immigrants from Russia, hard working farmers and second-generation Adventists. She was the first of their children to be born in the new country, and grew up speaking both English and Russian.

It was while attending Walla Walla College, where she was studying to become a school teacher, that she met and decided to marry Richard Hammill. He was also from

sheep lost. But when there were more sheep than hands, Dick, in his decision, he might still be trailing a herd in the Blues or walking around the campus of the little church college. He was a good boy that he saw spiritual value in his little

by JAN HAFSTROM



Dena Hammill

farming stock and had worked hard as a boy herding sheep in the mountains and acting as cook for the camp.

They were both new to the world of evangelization. Dena said that even though she thought she knew what she could expect being married to a minister, she little realized how many different experiences they would have.

"Getting married to a young minister and taking off for Port Angelus, Washington, seemed like an average start to life as the wife of a pastor. We were very busy with my husband's six churches; the two main congregations were 80 miles apart, which meant a lot of traveling time.

"The monthly salary of \$60 was hardly adequate for living expenses, even in 1936. If we had a flat tire, we didn't have the money to repair or replace it. Once we were traveling back home from one of our churches in a thick snowstorm when the tire gave out. I held a weak flashlight while my husband patched the tire. We were fortunate to get home.

(More)

"I still remember the time the church had a social toward the end of the month. We had absolutely no food to take to it, and I felt too embarrassed to go with nothing at all."

A call came for the Hammills to serve as missionaries in French Indo-China, and they accepted. There was war activity in Laos, and they had to fly from the coast to Da Nang, in the country now called Vietnam. "We had only two suitcases of clothes with us, and because of the war it took four months for our other goods to arrive. I still remember that it was the rainy season and I had no sweatshirts, so I wore my husband's suitcoat for warmth."

"We liked Da Nang as soon as we arrived, although it seemed a little strange. We hired the cook of a former missionary, and as we had no food when we first arrived, we got out our French-English dictionary and slowly translated our grocery list into French for him. He took off with our money and our list, and we waited a little impatiently for breakfast. Three hours later he still had not returned, and we were worried. When he finally did arrive, he said, 'I'm sorry, but it took me all this time to find the cow's tongue.' Luckily he had bought the other food we really ordered. Soon afterward we started our language studies!"

The Hammills had just begun to enjoy the country and feel at home when war changed their plans. "We had a son then, Roger, and we were beginning to understand and love the people when we were evacuated to Manila in the Philippines. But three months after we arrived there, the war threatened there, too."

The mission directors decided that all mothers and children should be moved to the safety of a country resort town instead of staying in Manila. Four months later the Japanese took over the city and made them all prisoners.

"We had heard they were coming and had time to pack a few things in suitcases. I carried Roger and a suitcase. We were marched right past the American barracks, past the Filipino barracks, and into the worst of the three.

"For the first few days we were given practically no food, and we

were starving. A little later, however, they decided to feed us some watery soup that contained a little rice and a few greens.

"The internment ended five months later for Roger and me. The women and children were sent back to Manila to join their families. Not much later, our entire group of missionaries was interned in a camp called Los Banos. There were 2,000 internees there, and food was scarce. Many persons became ill with dysentery and malnutrition. Richard was very ill there; and when he was put in the camp hospital, all they had to offer him was weak tea.

The missionaries kept themselves busy, encouraged by prayer and Bible promises. They cared for the ill and worshiped together. "We made up our minds," Dena said, "that we would take things as they came."

The Hammills were released from internment after one year and returned home to the United States on a troop ship. The war in Europe was not over, but they had a safe, if crowded, journey back home. Richard decided to attend the Seventh-day Adventist Theological Seminary, then located in Washington, D.C.; and after he received his master's degree

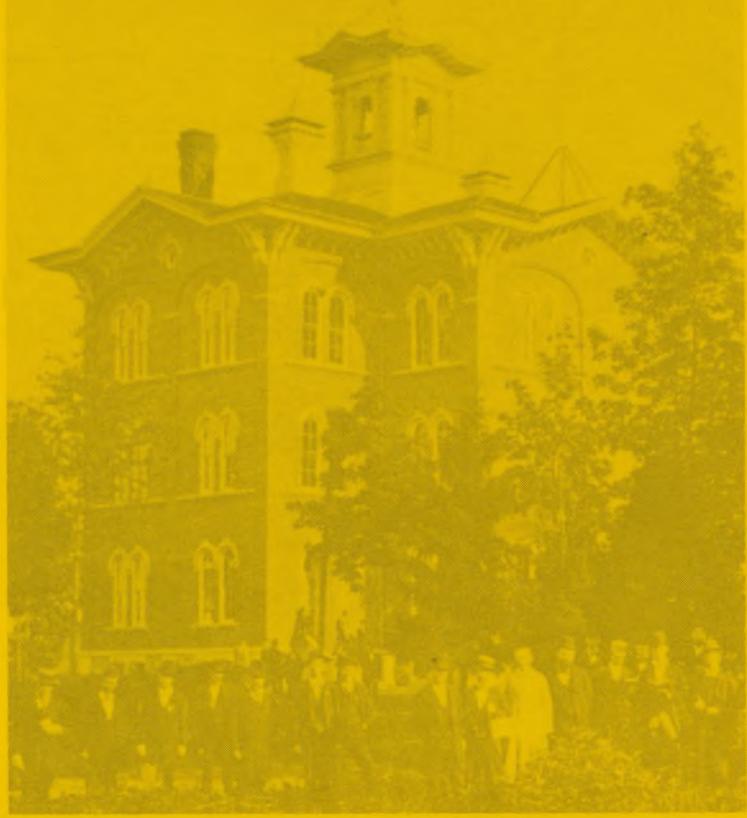
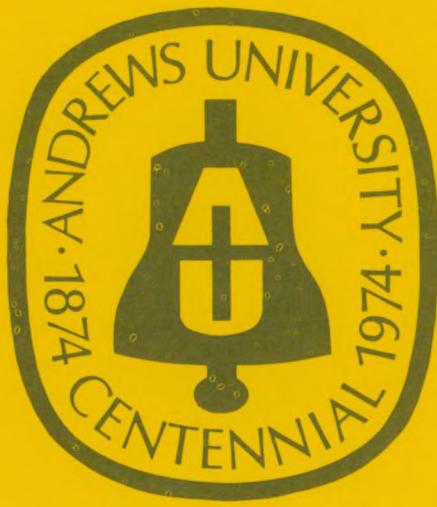
they went to Southern Missionary College, Ooltewah, Tennessee, where he took the position of professor of religion. When he took a leave of absence from SMC, he studied for his doctorate at the University of Chicago.

While the Hammills were at Southern Missionary College, they enlarged their family by adopting a baby girl, Marcia. Richard was vice-president of the college when they received a call to Washington, D.C. They decided that the Lord was leading again, and Richard worked in Washington in the capacity of associate secretary of the department of education of the General Conference of Seventh-day Adventists.

"During those years I went back to school and took some secretarial courses. I began to work part-time as soon as the children were attending school. In Washington I worked as a secretary, first in the temperance department, and later in the department of health. I liked my work and enjoyed accomplishing something outside of my home when I could. I like meeting people and getting to know them, and this was one way I could do that.

(More, page 29)





Centennial Program

- CONVOCATION: "SEEKING UNDERSTANDING OF GOD'S CREATION"
- CONFERENCE ON FAMILY LIFE
- CONFERENCE ON LIFE

CENTENNIAL CONVOCATION

"Seeking Understanding of God's Creation"

Themed "Seeking Understanding of God's Creation," the second convocation of Andrews University Centennial observation included discussion on topics from "man on the moon" to biodegradable polyamides. Man's nature and history were as important to this event as the sciences, according to R. R. Minesinger, chemistry associate professor and program director.

Wernher von Braun, rocket development pioneer and a prominent director of the U.S. space program, opened a week-long series of convocation lectures at Andrews beginning Thursday, October 24, with his address, "Man on the Moon: Mystery and Miracle."

Von Braun told his audience of some 1500 persons that by the year 2000 man will have landed on Mars and most probably will have set up permanent stations on the moon.

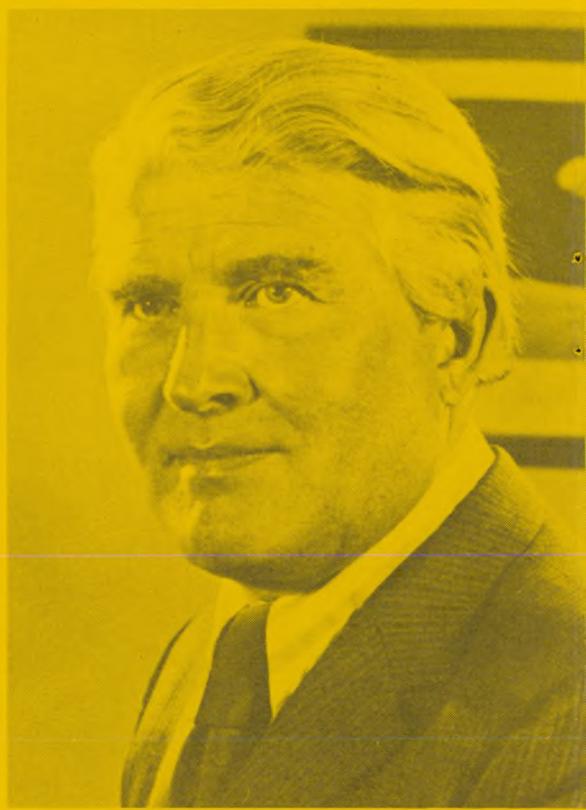
Listing benefits of past flights, he named progress in search for minerals, the ability to assess the size of food harvests, new possible alloys, and valuable new tools in beaming health and education programs to isolated areas. He said also that space exploration and experiments may hold keys to technological break-

throughs in several areas. Photos of the sun taken at high altitude may help scientists learn the secrets of thermonuclear fusion which would give the world an unlimited source of energy. Of use presently, he noted, are orbiting stations and cameras that on a twice-a-month schedule can give a complete, worldwide, crop survey that can help the international community in its efforts to avoid massive starvation of peoples in poorer nations.

Von Braun accompanied his remarks with slides of photos taken in space, on the moon, and of the interior of America's first orbiting laboratory, Skylab. He also showed slides of X-ray and infra-red photos of the sun and the earth.

Before assuming his present position as vice-president of engineering and development with Fairchild Industries in 1972, von Braun served ten years as director of the National Aeronautics and Space Administration (NASA) space flight center. NASA named him Deputy Associate Administrator in 1970 to be responsible for planning future space missions.

During his twelve years with NASA, suborbital flights evolved



Dr. Wernher von Braun, rocket development pioneer and prominent director of the U.S. space program, was keynote speaker for the centennial convocation, "Understanding God's Creation."

into the Apollo series, which landed 14 men on the moon. Von Braun was also responsible for the development of Skylab, a manned earth-orbiting space station.

One of the first to experiment with rockets, von Braun began study in his field in 1930 as a student with the Berlin Institute of Technology. During World War II he directed a team which developed such weapons as the V-2 rocket and an anti-aircraft, guided missile.

Before either could be used effectively against the Allies, von Braun and his team surrendered to the U.S. Army in 1945. For the next fifteen years his group developed guided ballistic missiles for the U.S. Army Ordnance Department. The German-born scientist became a U.S. citizen in 1955.

(More)



Convocation on Understanding—Continued

Seven other speakers, including Chicago University's John Hope Franklin and nationally-known scientists William J. Bailey and Alvin L. Kwiram, also participated.

A lecture Friday evening at Pioneer Memorial Church was given by AU theologian Raoul Dederen, who discussed "Man—the Image of God." He explored the concept of "image" and what being in God's image reveals about man. The Belgian-born professor earned his doctorate from the University of Geneva, seven years before coming to the U.S. in 1964.

*Dr. Godfrey T. Anderson, history professor from Loma Linda (Calif.) University, preached in the 8:15 and 11:00 a.m. church services at Pioneer Memorial Church, Sabbath on "Athens and Jerusalem Revisited." Holding a doctorate from the University of Chicago, the professor is a former president of Loma Linda University.

Sabbath afternoon, Alvin L. Kwiram moderated a panel discussion on the value of scholarly research.

**Next Focus will carry the text of Anderson's address which discusses "Faith and Learning—Are They Antagonistic?"*

Currently associate professor of chemistry at the University of Washington, he has taught at Caltech and Harvard. Among his awards are the Woodrow Wilson Fellowship and the Eastman Kodak Scientific Award.

In an address, "Portrait of God in Religion," AU associate professor Joseph Battistone presented his concept of an ever-present all-powerful and personal God, Sabbath evening in Pioneer Memorial Church.

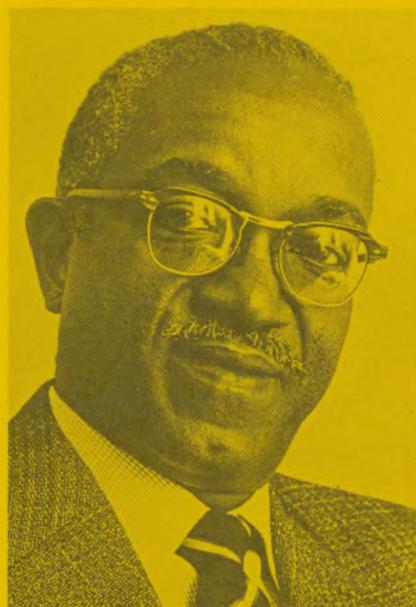
Dr. John Hope Franklin, history professor from the University of Chicago, presented "The Moral Legacy of the Founding Fathers" on Monday in Seminary Hall. Franklin is the John Matthews Manly Distinguished Service professor of history at Chicago University and former department chairman there.

President of the Organization of American Historians, Franklin has written *From Slavery to Freedom*, widely regarded as the best survey of African experience in America. The black historian has also authored or edited such books as *Land of the Free* and *The Negro in the Twentieth Century*. For 20 years he has served on the editorial board of the *Journal of Negro History*.

AU Vice-president for Academic Administration Joseph Smoot spoke on "The Christian Scholar" at Pioneer Memorial on Tuesday. A former professor of history at Columbia Union College, Takoma Park, Md., he is a member of the American Historical Association as well as other national and regional historical associations.

In the final lecture of the convocation week, Dr. William J. Bailey, president-elect of the American Chemical Society (ACS), discussed his research on the medical uses of biodegradable polyamides, nylon-like substances which will dissolve in the body following surgery.

(More, page 20)



Dr. John Hope Franklin, history professor at the University of Chicago, was a speaker at the October AU Centennial Convocation.



Dr. William J. Bailey, president-elect of the American Chemical Society, discussed his research on biodegradable polyamides at the October Centennial convocation.

CONFERENCE ON LIFE FEATURES GUEST SCIENTISTS



Dr. George O. Abell, chairman of astronomy at the University of California, addressed the Centennial Conference-on-Life audience on the cosmic environment.

Convocation

(from page 19)

The need for such material is almost unlimited, said Bailey, citing ecological, medical, and agricultural uses.

Such road-side litter as wrappers and drinking cups would vanish into the dirt in weeks instead of decades if made of such material. Other things, like dental floss, could be washed right down the drain.

During an interview preceding his address, Bailey indicated that government support in funding of scientific research has been negligent in problem areas almost as serious as energy shortages.

One of Bailey's primary goals as president of the ACS will be to talk President Ford into a cabinet-level scientific advisory council which would urge firmer support of American scientific research.

Despite mounting earth resource shortages, Bailey is optimistic that gradeschoolers will probably have it at least as good when grown as we do now. His guarded optimism rests on certain key assumptions, however; namely, successful global birth-control and the development of the scientific ability to meet shortages with substitute products or greater efficiency.

Life and its definition in science, philosophy, and religion was the theme of a conference at Andrews University, October 7-12. The conference was one of the special programs commemorating centennial year at AU.

Among the guest speakers were several well-known scientists, including George O. Abell, chairman of the department of astronomy at the University of California, who spoke on the cosmic environment, October 10. Dr. Abell is an astronomer, guest investigator for the Mt. Wilson and Palomar Observatories, visiting professor for the American Astronomical Society, and has been an observer for the National Geographic Society.

Lyle H. Jensen, professor of the department of biological structure at the University of Washington, spoke on the molecular structure of the cell.

Other topics covered by guest speakers included: Definition of Life, Biblical Concept of Life, Meaning of Life, Morphology of the Cell, Evidences of Design, Diversification of Life Forms, Strategy for Survival?,

Communication and Interaction of Cells, Human Life Contrasted with Other Forms, Geological and Cosmic Chronology, Planet Earth, Chemical Evolution, Genesis Cosmology, Creator of Life, and Manipulation of Life.

Among the nine guest speakers were Dr. Richard W. Greene, assistant professor in the department of biology at Notre Dame University; Dr. J. Mailen Kootsey, assistant professor of the department of physiology and pharmacology at Duke University; Dr. P. Edgar Hare, staff member of the Geophysical Laboratory, Washington, D.C.; Dr. Jack W. Provonsha, professor of philosophy and religion, and associate clinical professor of psychiatry at Loma Linda University; Dr. Rene Evard, acting chairman of biochemistry department, Loma Linda University; Dr. Ariel A. Roth, professor of biology and member of Geoscience Research Institute, Loma Linda University.

Centennial Souvenir Order Blank

AU Bookstore, Attention: Mrs. Alice Cox
Andrews University
Berrien Springs, MI 49104

Souvenir items	Number Each	Price Each*	Postage and Handling
Spoon	_____	\$11.95	\$.50
Medallion	_____	13.95	1.00
Paper Weight	_____	5.00	1.00
Chairs	_____	79.00	Must be picked up
<i>Wisdom Seekers</i> by E. K. Vande Vere	(Rocker or Captain)	5.95	\$.50

*Add 4% sales tax in Michigan

Name _____

Address _____

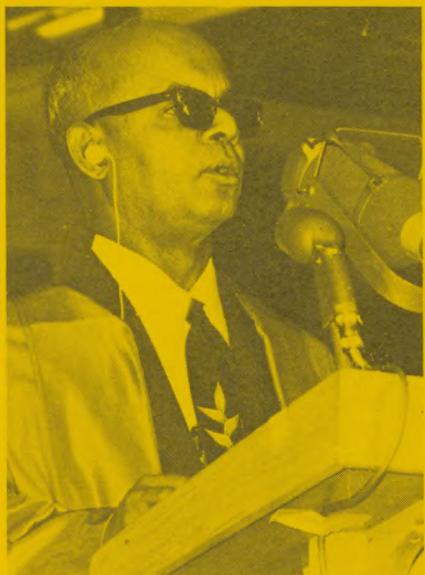
City _____ State _____ Zip _____

Amount Enclosed \$ _____

AU DEDICATES SCIENCE COMPLEX

Trinidad Prime Minister Featured Speaker

The Honorable Eric E. Williams, First Prime Minister for Trinidad and Tobago, spoke at the dedication service of the Science Complex of Andrews University, Sunday, October 27.



The Honorable Eric E. Williams

Dr. Williams, who holds a doctorate from Oxford University, has edited or authored 13 books and eight scholarly articles in addition to his political activities. Prime minister since 1962, his career in the Caribbean began in 1943 as consultant for a British Caribbean commission.

In his address, "Religion, Science, University, and Racism," Prime Minister Williams said that racism, the peculiar institution of 1974, raises the spectre of irrepressible conflict and inevitable confrontation. He added, however, that "the black has the right only to demand human behavior from others," and should "discover and love man, wherever he may be."

Cited at the dedication for his "enormous contributions" as statesman, scholar, and educator, the black prime minister was awarded an honorary doctor of laws degree following his address. The degree was also in-

Ribbon-Cutting Ceremony



Dr. Lester Tiscornia, president of the Auto Specialties Manufacturing Company, Benton Harbor, and advance gifts chairman of the Science Complex fund-raising campaign for southwestern Michigan businessmen, prepares to cut the ribbon for an open house at the newly dedicated complex. With him are V. E. Garber (left), vice-president for financial affairs at Andrews, and Donald G. Prior, AU vice-president for public relations and development.

tended to express the university's interest in Third-World countries, according to University President Richard Hammill.

Williams, 63, has been head of state since 1959, rising to power by organizing the successful "People's National Movement." Regarded by Trinidadians as "father of their country," he achieved for his people full independence from Great Britain in 1962.

Dedication Service

The service began at 3:00 p.m. in Pioneer Memorial Church. University teachers and administrators marched in academic regalia down the Avenue of Flags from the library to the church.

Special guests at the program included U.S. Representative Edward Hutchinson and Michigan State Senator Charles O. Zollar.

Recognition was given by President Hammill at the ribbon-cutting ceremony to twelve hard-hatted university plant workers who were commended for their "great skill and excellent workmanship" in the construction of the complex.

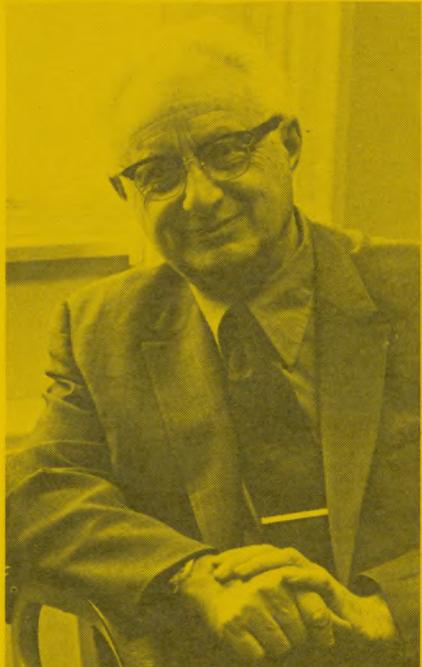
Also receiving recognition at the ceremony were Architect J. R. Graham, Physical Plant Manager John H. Kriley, Plant Superintendent James Curry, and Superintendent of Construction Richard Ekkens.

The ribbon-cutting ceremony for the Science Complex Open House immediately followed the dedication. Participating in the event were Dr. Lester Tiscornia, president of the Auto Specialties Manufacturing Company, of Benton Harbor; V. E. Garber, AU vice-president for financial affairs; and Donald G. Prior, AU vice-president for public relations and development.

Tiscornia was the advance gifts chairman for the fund-raising campaign which raised over \$1 million for the \$3.5 million complex from southwestern Michigan businessmen.

Commenting on the campaign, the editor of the Benton Harbor-St. Joseph *News Palladium* said that it represented "one of the most unusual chapters in the history of Berrien County . . . one of the truly farsighted actions ever undertaken by citizens of the county." *(More)*

The Science Complex is a suite of three buildings which house the chemistry, biology, math, physics, and engineering departments. Begun in 1969 with one building open for occupancy in the fall of 1972 and the others in January of 1973, the structure contains lecture halls, laboratories, classrooms, and up-to-date equipment.



Dr. Charles Witschiebe, retired professor of pastoral care at the Theological Seminary at AU and author of the book "God Invented Sex," was a speaker for the Centennial Conference on Family Life. His weekend series dealt with romance, marriage, and sex in the context of the Christian young person.

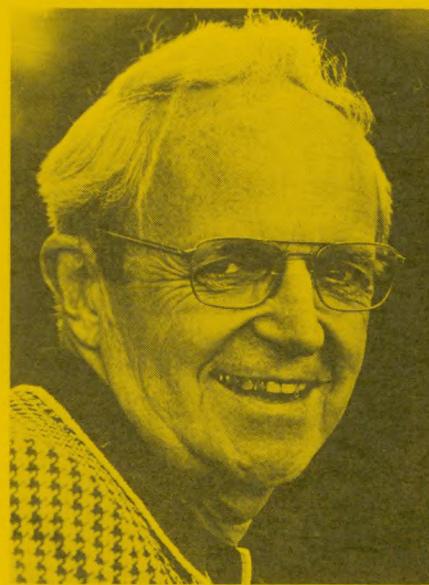
CONFERENCE ON FAMILY LIFE Reassesses Values in Family Living

A conference on Family Life was conducted at Andrews University, November 13 to 15, as a part of the university's centennial year observation.

Its purpose, noted Dr. Alice Marsh, chairman of the home economics department, was to reassess values in



Ann Landers, popular lecturer and columnist, closed the AU Centennial Conference on Family Life with a lecture, "Trouble—the Common Denominator."



Dr. Charlie Shedd, author, lecturer, and columnist, gave the keynote address for the Conference on Family Living: "What's a Little Piece of Paper with a Love Like Ours?"

family living in a Christian context, to explore avenues to personal happiness for all members of the family, to examine ways of stabilizing today's threatened family, and to examine the mission of the family in relation to eternal goals.

The conference was open for undergraduate or graduate credit or for non-credit participation.

Keynote address was given by Dr. Charlie Shedd, famous lecturer and author of the books, *Promises to Peter*, *Letters to Karen*, and *The Stork is Dead*; and the syndicated column, "Strictly for Dad." Dr. Shedd was also speaker for a convocation and a Thursday-evening banquet.

Another featured speaker was Ann Landers, well-known commentator and columnist on family life. She appeared before a full house at Johnson Auditorium on Saturday night.

Vulnerable areas in the family-life cycle were analyzed and remedies sought within a Christian framework by university staff members and supporting personnel: Dr. W. John Cannon, Drs. W.G.C. and Ruth Murdoch; Dr. Charles Witschiebe, Dr. Charles Anderson, Dr. Patricia Mutch, and Dr. Herald Habenicht.



Below: Andrews University dedicated its new \$3.5 million Science Complex, October 27, five years after the project was begun. Below, the faculty and staff gather at the main entrance for the ribbon-cutting ceremony.



Top left: Edward Hutchinson, congressman for the 4th Congressional District of Michigan, addresses the audience in Pioneer Memorial Church on the occasion of the dedication of the Science Complex.

Top right: Robert Uthe, assistant professor of music at AU, directs some of his band members in a thrilling opening number for the ribbon-cutting ceremony at the entrance of the Science Complex.

Center left: Michigan State Senator Charles O. Zollar reads a citation of commendation to AU President Richard Hammill on the achievements and scholastic reputation of Andrews University.

Dr. Willis J. Hackett, chairman of the University Board of Trustees (left); and Lake Union Conference President Francis W. Wernick, vice-president of the Board, march to the dedication with the speaker, The Honorable E. E. Williams.



Invited by AU President Hammill, Dr. R. E. Hoen steps forward to the program arena at the entrance of the Science Complex. The over-ninety-year-old professor was a former faculty member at AU and designed the first science building on the AU campus, used temporarily at present for an Arts Center.



Left: Dr. Joseph G. Smoot (left), vice-president for academic administration, and President Hammill put an academic hood over the head of speaker Eric E. Williams, prime minister of Trinidad and Tobago. Williams received an honorary doctor of laws from Andrews University.

Below: President Hammill remembers the "hard hats" at the dedication. He congratulates them on their dedication and excellent workmanship. The Science Complex was built entirely by the construction crew at Andrews University.

Act of Dedication

by WILLIS J. HACKETT

Chairman of AU Board of Trustees

One hundred years ago, our spiritual forebears cradled a college for the glory of God and for the accomplishment of His designs throughout the earth. Believing that science bears a unique witness to God's glory, we add to the buildings of that college a science complex—a reaffirmation in concrete and steel, in brick and mortar, of their faith, their ideals, and their hopes.

Believing that a man is less than he might be if he knows nothing of the spirit of scientific inquiry, and that only a scientifically literate populace can turn the fruits of scientific knowledge to worthy ends, we dedicate these classrooms and these laboratories as places where men of all pursuits and all nations are welcome to experience scientific endeavor, to partake of its spirit, to wonder at its beauty.

Believing that the edifice of science rests upon God's unchangeableness, and that His creative mind pervades the universe, we enjoin those who learn and those who teach within these walls to press their quest for truth wherever it may lead, but always in humility and faith, ever welcoming His presence.

Believing that science, properly applied, can ease man's pain, loose him from the bondage of toil, and free him to pursue his destiny as the crowning achievement of creation, we adjure those who leave these walls to devote their skills to noble purposes—purposes of peace and not of war, purposes of harmony and not of discord.

To all these ends we dedicate this building.



Here we go to the ribbon-cutting ceremony at the Science Complex!

CONSIDER

We invite our readers to consider with us some of the thoughts presented from time to time on our campus in spoken or written form and synthesized for your reading convenience.

CREATOR OF LIFE

Sabbath sermon given by DR. JACK W. PROVONSHA at Pioneer Memorial Church
October 12, 1974, at the close of the Centennial Conference on Life at Andrews.

To affirm that God is the Creator is to make one of the most important pronouncements that a man can make about God. It is a summary truth that gathers together all of the qualities that can be attributed to God including His ultimacy, His power, and His goodness. It is, moreover, a statement that forms the base for an ethic of reverence for His creation. It seems fitting here at the last day of a conference devoted to a consideration of life to spend a few moments in exploring some of the implications of one aspect of that affirmation that in a way epitomizes the whole. I have been asked to consider with you today "God as the Creator of Life."

There are two major truths conveyed by the expression, "God Is the Creator of Life." To get at the first of these, I wish to refer you to a passage of scripture that may seem at first glance somewhat negative since it concerns not so much life as it does the possibility of death. (I have chosen the Anchor Bible's rendition of Genesis 3:2-5.) "Now the serpent was the sliest of all the wild creatures that God Yahweh had made. Said he to the woman, 'Even though God told you not to eat of any tree in the garden . . .' The woman interrupted the serpent, 'But we may eat of the trees in the garden. It is only about the fruit of the tree in the middle of the garden that God did say, 'Do not eat of it or so much as touch it, lest you die.' But the serpent said to the woman, 'You are not going to die. No, God well knows that the moment you eat of it your eyes will be opened and you will be the same as God in telling good from bad.'"

Eve was referring, of course, to God's command recorded in Gene-

sis 2:15-17 (again the Anchor rendition), "God Yahweh took the man and settled him in the Garden of Eden, to till and tend it. And God Yahweh commanded the man saying, 'You are free to eat of any tree of the garden, except only the tree of knowledge of good and bad, of which you are not to eat, for the moment you eat of it, you shall be doomed to death.'

Strange Tree In the Garden

What a strange and mysterious creation was this tree in the midst of the garden! And what a peculiar and unsettling name it bore—"The Tree of Knowledge of Good and Evil" (KJV). Some of our spiritual ancestors found reference to it loaded with all kinds of allegorical nuances. Taken in its most literal sense, the account seemed simply incredible to many of them. Surely the testing of our first parents had to involve more than the primitive story suggests on its face. How could God attach so weighty consequences to so trivial an act? And, of course, the terms of the story easily suggested figurative reading. Ask any good psychologist or psychiatrist about the serpent and its symbolic phallic connotations down through the years, and "knowing,"—later "Adam *knew* his wife and she conceived and bare Cain." Even today we have the expression "carnal knowledge." Surely some of our fathers thought there must have been more serious "hanky-panky" going on in that garden than appears clothed in the modesty of this poetic metaphor.

And there were always others less prone to that particular brand of fantasy who could think of "know-

ing" in its more usual, everyday sense. Sometimes the tree is referred to as simply, "The Tree of Knowledge." And thus the story has served to reinforce a variety of species of anti-intellectualism.

And anti-intellectualism is an undercurrent nearly always close to the surface of Christian belief. It is more than anything else what I find disturbing about some of the recent revivals of religious interest—especially on our campuses—where just about the most negative thing that can be said about religion is that it is a "head trip." The so-called "charismatic" thing as well as the current fascination for the occult seems at least in part a revulsion from traditional commitments to ideas, doctrines, beliefs and conceptual formulas and a new openness to the ecstatic.

Even many who cannot be classed with this new religious Romanticism tend to view with distrust "higher learning" as an enemy of faith. But is it really the case that God who created man, and was pleased with that creation, installed in him potentials he did not intend him to employ? That He gave us brains (and what brains He must have given our first parents—and then placed limits on our use of them? I doubt it. "Knowing" can never be evil *per se*.

The full name of the tree, however, suggests limits imposed on a certain kind of knowing—the knowledge of good and bad—moral knowing. But such a limitation would be even more perplexing. It might not be too difficult to accept it if God had said, "Look, there are certain things or processes I have created that I just don't want you prying into. Keep out." It wouldn't make sense to some

of us, but then where is there a rule that requires that everything make sense to us—hopefully it would make sense to God.

But surely God who gave to man as one of the marks distinguishing him from the lesser beasts a highly developed moral sense—indeed, one of the very marks of the divine image in man—cannot have intended that man should deny that gift. When one thinks about it, does not knowing good from bad sound precisely like what God had in mind when He created man? If there is nothing else I can pass on to my children, I at least hope to help them to be able to make *that* distinction.

Oh, but you may say, the problem lies not in being able to distinguish good and bad. God wants us to be able to know how to know one from the other. It is that He does not want us to experience evil—that is, to know it by acquaintance.

But that won't do either. The text attributes the thing to God that is prohibited to man, "the moment you eat of it your eyes will be opened and you will be the same as God in telling good from bad" (Gen. 3:5). Those were the serpent's words, of course, but the thought is reinforced by God's words in verse 22 (again the Anchor Bible), "God Yahweh said, 'Now that man has become like one of us in discerning good from bad, what if he should put out his hand and taste also of the tree of life and eat, and live forever!'

Now, if there is one thing I am sure of as a Christian moralist it is that wrong actions in man are wrong because they are wrong and cannot be transmuted into right merely by attributing them to God.

"Not mine to look
Where cherubim
and seraphs may not see,
But nothing can be good in Him
which evil is in me.

—Whittier

A guide was taking a foreign visitor through a Hindu temple where the carved gods were depicted as engaging in frankly pornographic activities—at least by older Western standards. The guide said to his guests, "We must guard our minds

carefully in this place." Men were expected to think and behave better than their gods! Was it Plato who wrote, "When men become better than their gods, the gods must go?"

No, the passage we are examining must refer to something other than the experiencing of evil—because it refers to a quality in God—"like god" the scripture says, and total, unmixed goodness is one of the most clearly established of all of the attributes of God. So elemental goodness cannot experience evil without contradiction—which is to say without fragmentation—and unity is also a divine attribute.

A Quality Good for God But Bad for Man

What we seek here is quality of experience that would be good in God but is denied to me—by nature. That quality, I submit, is self-sufficiency. Self-sufficiency is one of God's attributes by definition and is thus a good. Self-sufficiency for me is not immoral so much as it is impossible, at least in any ultimate sense—by nature. What is wrong is for me to attempt to become what it is not mine to be by virtue of my creaturehood—an attempt that would be in a sense a rejection or a denial of my creatureliness and in turn of my Creator's design for me.

Of this passage, Cuthbert A. Simpson writes in *The Interpreter's Bible*: "The serpent in telling the woman that likeness to God is to be achieved by defiance to His command, tacitly suggests that the likeness which is within human reach is likeness not in character but in power. He suggests that man can make himself the equal of God" (IB, vol. 1, p. 505).

What is being suggested is that by eating of the forbidden fruit Eve might achieve autonomy—self-sufficiency—in this case, to be sure, moral autonomy. She was tempted to believe that she would need no outside guidance in matters of right and wrong. She would become a law unto herself—her own ultimate authority—which is to say become a god. And it was a role which the power behind the garden serpent had already attempted to play out before her.

Of all the ways in which a creature can attempt to be like the Most High Creator, none is more radical than this. In our own time the attempt lies behind what has come to be called "situationism." (Unfortunately we have in much current use of the term a derogation of what was initially a useful and in the main a quite acceptable notion. It was originally intended as a protest against a kind of wooden rigidity in moral conduct that is insensitive to differing and changing circumstances. None of its creators had in mind the free-wheeling, acting-on-momentary impulse that the term has come to imply. Joseph Fletcher, for instance, while by no means its best exemplar, clearly tries to steer between the Scylla of legalism and the Charybdis of antinomianism. But alas a legion of wild spirits leapt aboard that vessel as they sought to escape from establishment morality, and "situationism" has come to mean roughly freedom from all moral guidelines—which is to say complete moral autonomy—each man becoming his own measure of what constitutes good and evil.) And this is precisely the point of the garden story. Eve was tempted to cast off her creaturely dependence on someone outside herself.

But this was to covet the creator role. God as Creator is alone the ultimate source and definition of goodness. What God wills is right—by definition. This is, of course, no statement of arbitrariness on His part. He could not will that wrong be right. He is good and that is also to say consistent and orderly. Since God is one and noncontradictory, it is right not only because He wills it, He wills it because it is right. An orderly God wills an orderly universe. But the point is, only the supreme One who alone is self-sufficient, unconditioned, independent—by nature can be the ultimate creative ground of morality.

Temptation to Autonomy

And so the real temptation was the temptation to self-sufficiency—autonomy—to be a god—in this specific case in moral matters, but a temptation that had implications throughout the whole of Eve's existence. But

no mere creature can *be* the Creator—by nature. It was not merely forbidden, it was impossible. And the attempt to achieve the impossible goal carried only self-destruction in its train as the whole human story has amply demonstrated.

We have in this Eden story a clear expression of the meaning of the statement which forms the basis for our remarks this morning—God is the Creator of life. “All created things live by the will and power of God. They are dependent recipients of the life of the Son of God” (E.G.W. in 5BC, 1113). “In Christ is life, original, unborrowed, undervived” (DA 530).

Creature Autonomy Means Death

“In the day that thou eatest thereof thou shalt surely die,” the scripture says (Gen. 2:17). According to Ellen White, “this is not an act of arbitrary power on the part of God. The rejectors of His mercy reap that which they have sown. God is the Fountain of Life; and when one chooses the service of sin, he separates from God, and thus cuts himself off from life” (DA 764). In the day that man attempted to “go it alone,” to separate himself from the root of his existence, from his dependence on God, he was doomed. Such creaturely autonomy is the way of death—not because it is forbidden, but because that’s the way things are by nature. The thing is what it is and not another thing. A rose is a rose is a rose. A man is a man is a man—he is not God. Man’s existence always presupposes the existence of someone beyond himself on whom he depends.

That other tree, the “Tree of Life,” was also in the garden, to bear witness to that eternal truth. (I’m bio-chemist enough in my instincts to suspect that there was some substance provided by that tree alone of all the trees in the garden essential to the physical homeostasis upon which perpetual life depends, but its symbolism is also clear.) Continually they had to draw on what God had provided for their existence—and it will ever be so. In the hereafter the tree of testing will have disappeared. Its daily reminder will have become unneces-

sary because those who have partaken of it—then and in essence down the centuries (autonomy from God has ever been an enticing fruit)—will have opted themselves into oblivion. Only those who have learned to trust the Creator and His creation—including that in themselves—will be there. But they will still need God forever and always. God is the Author and Sustainer of life. In Him alone “is life, original, unborrowed, undervived.” “God only hath immortality” (1 Tim. 6:16). And that’s a truth that runs throughout the whole of existence. No man can be God. No man can go it alone and live—by nature.

This is what is really at stake in the evolutionary alternative to the creation account. The evolutionary hypothesis is an attempt to formulate an autonomous process requiring no need for power or guidance outside of itself. (Sometimes I have the impression that creationists are spending a disproportionate amount of energy and time—and giving off a great deal of incidental heat—over what are really fairly secondary matters—over questions like *what* happened, *how*, *when*, *how long*, etc.—matters that are proving to be almost infinitely complex. We will surely never uncover the full story this side of eternity. These are interesting matters and we must try to dig the facts out with painstaking effort. They are not only interesting, they are also important—but the point is, of secondary importance. The heart of the matter is, does the creature need a creator?)

Theistic Evolution Compromises God

Even the theological accommodation, theistic evolution, compromises the Creator, not just the record of creation. The god of theistic evolution as usually presented is another kind of god who bears a different kind of relation to his creation—and that’s a consideration of primary magnitude. Questions like *what*, *how*, *when*, and *how long*, while interesting and eminently worth the effort to answer if possible, are truly worth the time and energy only as they reflect on the character and nature of the Creator. What is at issue here is not

so much natural history or the defense of a particular Genesis hermeneutic, but a defense of a Christian interpretation of the character of God. We must not allow ourselves to dissipate our energies in fruitless secondary battles at the expense of the larger conflict. Certainly we must not allow these secondary issues to jeopardize our essential unity before the central enemy.

The question remains, Does the creation *need* a creator? Is it a dependent creation or is it self-sustaining, autonomous—still the old garden question. And the consequences remain what they were. The path of autonomy, self-sufficiency, institutionalized as well as individual is still the way of death—by the very nature of things. And this is one of the major implications of the statement, “God Is Creator of Life.”

The second truth contained in the title of our discussion is again drawn from the Genesis creation account. The Creator-creature relation, while one of dependence of the creation on the Creator, was by no means one of simple dependence. This truth is found primarily at the level of living creatures—almost by definition. It is based on the fact that only the initial creation was *ex nihilo*—out of nothing, and *de novo*—that is, truly novel.

In the Genesis story God spoke the creation into existence initially. But then He commanded that all living things should be fruitful and multiply and fill and replenish the earth—each replicating itself after its kind. He was directly involved as the agent of their initial production—but they were to *reproduce* themselves.

This was a notable feature of the creation of the highest living form, man. When God wanted a thousand angels, He presumably created a thousand angels, but when He desired an earth stocked with men, He created but two, a male and a female, and let them participate in the creation by reproducing their kind—largely at their own will. The implications of this aspect of earthly life are of very great importance.

I am aware, of course, that Ellen White in volume 8 of the *Testimonies*, page 259 and 260, depicts

God as immediately—her word is “momentarily”—involved in all natural phenomena. And there is a profound truth in that observation. Every material form or process whether living or not owes its elemental existence and activity to the basic energy of God. All of nature—not just life-forms—is thus ultimately dependent upon God. Were God to withdraw His “power”—the energy that makes up the atomic and molecular particles of the material of this pulpit or the structures of my body, or is involved in its complex biochemistry, nothing would remain—nothing at all. “God was not indebted to pre-existing matter” in creating the material of this earth (see MH 313). His own power is transmuted into the things and processes we observe. And this is no statement of neopantheism since the person of God and His power are not identical. There is nothing in all of God’s universe that possesses independent, underived existence save God Himself.

Creative Gift Feature of Man

But, according to the Genesis account, the creature is granted a measure of the Creator’s own ability—at least the living creation—the power to bring forth after its kind. This is a point of great significance. Each new cell comes into existence not by a new command of God, but as a replication of a parent cell—and in turn reproduces itself in its own progeny. God does not bring amoeba, roses, fishes, gray squirrels and humans into being by speaking them so one by one. He allows them to share in the creative act and in a sense in the Creator’s responsibility. Particularly is this true at the level of man where the command was not only to “be fruitful and multiply” but to “subdue” and “have dominion over the earth. His was not merely dependent existence—it was a responsible dependence.

And this is the second truth contained in the expression, “God is Creator of Life.” The Creator is the source and basis of the living organism’s original and continued existence—but He also imparted to the creature something of Himself—life—

life and the ability to pass the treasure along.

With what reverence and awe should that treasure be contemplated. Albert Schweitzer was right. A reverence for life is derived from reverence for the Creator Himself. (I still think that Schweitzer’s argument for a life style minimizing the taking of life for food—at least life at the level with which man can identify—is a good one. I also believe that this was one of the reasons for the ancient prohibition against the dietary use of blood. Blood symbolized life. Each time necessity demanded the sacrifice of the creature—for food or ritual—it was necessary for man to recall the sacramental value of life. Life was sacred. The necessity of sacrificing it was no invitation to forget or obscure its sanctity.)

It was the temptation to exceed the creaturely limits of freedom from dependence that was the occasion for sin both in the heavenly courts and in Eden. The creature aspired to autonomy without limits—to be “like the Most High”—“like God” and this was not consistent with creaturely life—not because full autonomy is forbidden, but because it is impossible in the nature of things. The attempt to achieve full autonomy results in the creature’s cutting himself off from his life. Creaturely freedom is always a dependent freedom—because by nature the creature can never be self-existent. His life is a gift held in trust—to be held but to be passed along.

Another Dimension Added to Reality

To affirm that God is Creator is to deny every naturalistic portrayal of thing and process as self-existent and self-operating, needing nothing or no one beyond itself as its source, design or sustenance. Self-sufficient nature is a false god. It is also the denial of every species of humanism in which man is seen as a part of self-sufficient nature. When man becomes the measure of things he, too, becomes a false God.

But to add to the word “creator” the qualification “Creator of Life,” is to add another dimension to reality. It is to affirm that the living crea-

ture’s dependence is a responsible dependence in which the creature participates with the Creator in creation. Along with the treasure, life, was granted the Creator’s ability to pass it along—a measure of autonomy and responsibility—the responsibility of creatorship. This is true even in the aspect of creation known as redemption. “Create in me a clean heart, O God” (Ps. 51:10) is an acknowledgement of man’s dependence on a divine act of grace, and so is “If any man be in Christ he is a new creature” (2 Cor. 5:17). But “whosoever will, let him take of the water of life freely” (Rev. 22:17), and “Work out your own salvation with fear and trembling” (Phil. 2:12) also affirm human responsibility and participation in the new being—so also is the commission to “Go into all the world.” The treasure is to be passed along here as at the beginning. God has chosen men to bring life to other men.

Ellen White has written in a letter in 1898 (No. 135), “The spirit of God does not propose to do our part, either in the willing or the doing. This is the work of the human agent in cooperating with divine agencies. As soon as we incline our will to harmonize with God’s will, the grace of Christ stands to cooperate with the human agent; but it will not be the substitute to do our work independent of our resolving and decidedly acting. Therefore it is not the abundance of light, and evidence piled upon evidence, that will convert the soul; it is only the human agent accepting the light, arousing the energies of the will, realizing and acknowledging that which he knows is righteousness and truth, and thus cooperating with the heavenly ministrations appointed of God in the saving of the soul.”

God is the Creator of life. “I am come that they might have life and that they might have it more abundantly” (John 10:10). “In Him was life; and the life was the light of men” (John 1:4). “He that hath the Son hath life” (1 John 5:12). And to have life is to be able to pass the treasure along, “to bring forth after its kind.” Creaturely dependence and creator responsibility both belong to man because God is the Creator of life.

The President's Wife

(from page 16)

"Actually," Dena said with a smile, "when Richard told me about the call for him to become president of Andrews University, I could hardly refuse. Apart from my decision to always follow in the direction the Lord led, I hadn't been very happy with the long trips he was required to make in connection with his work in Washington. At Andrews, he could spend a lot more time at home—or so I thought at the time.

"Scary and awesome as it seemed," she said, "I found that there were even more responsibilities than I had anticipated, but also that I was able to handle them with the Lord's help.

"I can't remember the last time I had a date with my husband. He'll tell me about a banquet we need to attend, and I'll meet him there. Afterwards, I rarely find him in the crowd; there is always someone he needs to talk to or something he must do—and so I drive myself home."

This is a life that she accepts and is happy with. "I really had no difficulty adjusting to, or filling the role of, the president's wife. It was no different from my life as a pastor's wife. As a Christian, all I had to do was to follow the directions and promises given me in the Bible."

Dena Hammill works in the order department of the James White Library at Andrews. Her son, Roger, is teaching history at Western Washington University; and Marcia, her daughter, is married and a secretary in Benton Harbor, Michigan.

"The Lord has allowed us to accomplish much," she said seriously. "We were able to work for the people overseas, and now we are working with the young people here."

Her purpose in life has been, and still is being, carried out. Dena Hammill is first and foremost a Christian woman, then the wife of a minister of God, and lastly, the wife of the president of Andrews University.

President Richard Hammill feels that his wife has abilities which make her special as an administrator's wife. "She manages to make people feel comfortable and at home, which is something I have a hard time doing," he said.

"In my work I'm gone a great deal, and some wives would be afraid and unable to carry on by themselves. However, Dena is self-sufficient, and she manages to accomplish a tremendous amount of work, keeping up the house, the grounds, etc.

"I would be unable to accomplish very much if Dena were different. She never complains about my evening work. She is well-read in a number of fields, and I never feel that my administrative work is foreign to her, nor are the educational philosophies I work with."

The pattern of Mrs. Hammill's life is full and rich. *Testimonies for the Church* (volume 1, pages 451-453) reads: "The wife of a minister can do much if she will, if she possesses the spirit of self-sacrifice, and has a love for souls. She can with him do almost an equal amount of good."



Mrs. Richard Hammill, president's wife, leaves the James White Library after another day's work and accomplishment.

Korean Union College Re-opens After Talks with President Park

Korean Union College was partially re-opened this month after its former president, Rudolf Klimes, now a professor at Andrews University, conferred with President Park Chung Hee and other top Korean officials.

The college was closed last month to avert compliance with a government order requiring on-campus weapon training. Now the 234 students not liable to training are attending classes as usual. The rest, 106, are taking individual study.

To date there has been no change in official government position, but college officials resumed operations when Klimes reported that government officials appeared willing to arrange for campus military training without arms.

Having met with Park a dozen times in the late 60's, Klimes found him "warm, cordial, and open to a solution" during the November 6 interview, though the president did refuse to relax arms-bearing requirements for Adventist draftees.

During an earlier 40-minute interview—initially scheduled for five minutes—with the vice-minister and minister of education, Klimes found them willing to attempt to persuade the defense ministry to omit weapons from campus training. The offer came when college administrators agreed to forgo college deferment privileges, a comparably minor concession, according to Adventists there.

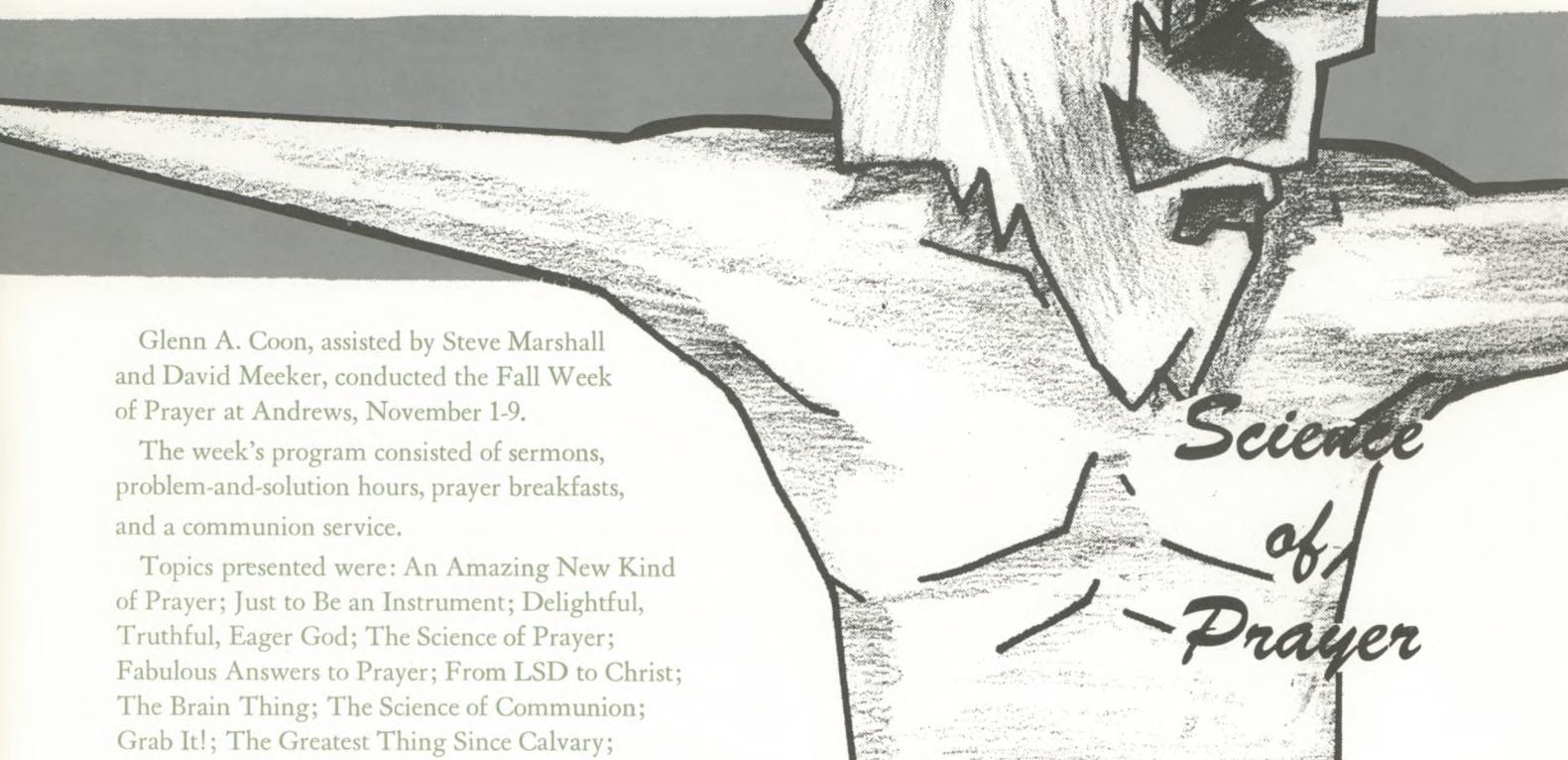
Klimes also met briefly with the speaker of the Korean house of representatives, Chung Il Kwon, a personal acquaintance.

During his eight-day stay in Korea, Klimes learned that the college's reputation as a patriotic institution had been endangered by the recent tendency of Protestants, Catholics, and foreign missionaries in Korea to support political opposition movements. He told Park that Korean Adventists avoid such political involvement.

Whatever the final outcome, college administrators are convinced that God has the case in hand. They point, among other things, to a campus prayer session which lasted the entire hour of the interview.

AU WEEK OF PRAYER

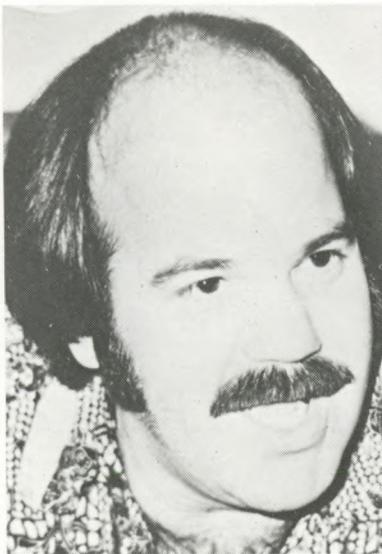
... Prayer
is
the key
in the hand
of faith
to
unlock
heaven's
storehouse ...



Art by Mike LaFave



Glenn Coon

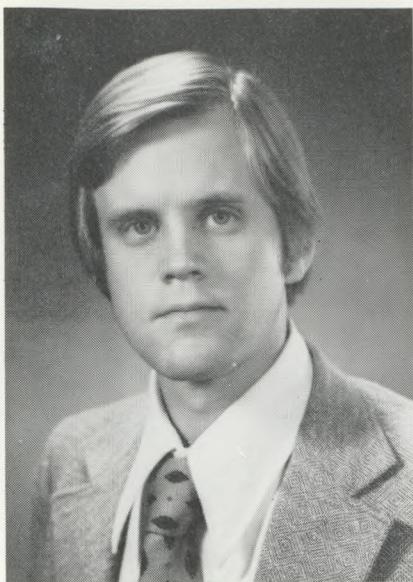


Steve Marshall



David Meeker

NEWS REVIEW • NEWS REVIEW • NEWS REVIEW



Randolph Neall

Public Information Officer Appointed

Newly appointed public information officer at Andrews University is Randolph Neall, most recently of Riverside, California. He replaces Eldyn Karr, who has been named associate director of public relations for the Voice of Prophecy radio broadcast, Glendale, California. Neall served the past year as public relations staff writer at the La Sierra campus of Loma Linda University in Riverside. He also completed one year of graduate school and held a teaching assistantship there. He is a 1973 graduate of Pacific Union College, Angwin, California, where he received a bachelor of arts degree in history. While there, he edited the student newspaper. He is married to the former Barbara Ann Fausz. They have a daughter, Dina, 6.

Karr has served as AU public information officer since 1969. He was previously a teacher at Benton Harbor High School. He earned his bachelor of arts degree in biology at Andrews in 1967 and completed a master of arts degree with a concentration in religious journalism there this year.

In his new post, Karr is also managing editor of the *Voice of Prophecy News*.

Estate Planning Seminar Held November 3

An Estate Planning Seminar was held at Andrews on November 3. The program, planned to appeal to businessmen, professionals, and their spouses, considered the following topics: Does a man's responsibility for his family end at death? An often overlooked relative—Uncle Sam, Why trusts are used in estate planning, What is different about the Christian's estate plan? Speakers for the seminar were Attorneys John Hamrick, J. D., and Lee Boothby, J.D.; Paul T. Jackson, AU director of development; and Reese Jenkins, director of the department of Trust Services at AU.

Student Leaders Hold Retreat at Timber Ridge

The third annual retreat of student leaders at Camp Timber Ridge, Spencer, Indiana, September 22-25, stressed leadership based on the Word as well as the knowledge of dynamics of communication. Objectives included developing a spirit of community and offering inspiration and appeal for unity in Christ. Speakers also underscored the importance of physical fitness and balance in time priorities. They also sought means of an interchange relative to spiritual life and activity on the campus. Setting the spiritual tone for the outdoor council was Elder Dick Barron, MV secretary of the Lake Union Conference, whose topic was "Stand on the Rock." He urged that Bible principles be the guide for student leaders.



Student leaders at Andrews gather around the fireplace for a sing at Timber Ridge Camp, Spencer, Indiana. They sought spiritual refreshment and Christian unity before taking up the responsibilities of their new offices for the school year. Standing from left to right are: Bob Botello, transfer student from AUC, David Johnson, junior premed, and Bruce Dillon, junior theology student.

Tennis Courts Get Facelift And Lights from PE Club

According to a recent issue of the *Student Movement*, the PE Club, under the direction of Donovan Dinning, last year's club president, has given the tennis courts next to the grounds department a bright new look. The courts are now well lighted and newly painted and lined. The initial work was done by the

NEWS REVIEW • NEWS REVIEW • NEWS REVIEW

PE Club and other interested people. According to Dinning, the cost of painting and an initial set of lights amounted to over \$200.

The first lights were some old street lights that Dinning found.

Dr. Daniel A. Klein, assistant professor of physical education and chairman of the education department, pointed out to the administration the work that the PE Club had initiated, and the administration gave \$250 toward new lights, which plant service installed.

Dinning says that more courts are needed, especially during the spring when the four courts on campus are not adequate to accommodate the number who want that type of recreation.

Motor Skill Workshop Has Innovative Program

A Haptic Demonstration Workshop which government officials have rated as "innovative and exemplary" was conducted September 26 at Andrews. Conducting the two-hour workshop were Mrs. Yvonne Wilson and Mr. Sandy Mann from the St. Clair, Michigan Intermediate School District. The program involved their state and federally recognized method for teaching motor skills to children with learning disabilities.

Techniques demonstrated were structured for use by teachers in their own classrooms and were geared to deal with learning through tactile kinesthetic, or touch and movement, methods.

Since Mrs. Wilson and Mann originated the program in the St. Clair district three years ago, it has obtained both state and federal validation. Only 18 other special-learning programs in the state have achieved this status.

Evening Courses Offered In Horticulture Study

Two new evening courses are being offered in the winter and spring quarters by the agricultural department at Andrews. Indoor Plants



Busy at learning skills in sign painting, four students work at their individual assignments. The one-year commercial sign-painting class is one of 26 areas of work skills offered at AU's Center for Occupational Education.

and Flowers and Ornamental Plant Materials will be taught by Louis Nielsen, who holds a master of arts in teaching degree in botany and biology.

The horticulture series began this fall with a course offered last year, Propagation of Horticultural Plants, which provides information on plant reproduction by seed, cutting, layering, and grafting.

The winter class, Indoor Plants and Flowers, covers classification, identification, and characteristics of house plants and exotics, and includes the basic principles of floriculture for the amateur and the professional.

Ornamental Plant Materials, a course to be offered in the spring, will study selected ornamental plants used in the Midwest for landscape beautification.

All classes are open to the public.

Sign-Painting Class Is a Going Concern

The commercial sign-painting class in the Center for Occupational Education at Andrews has designed and painted over 100 signs for Berrien General Hospital, including the large 6' x 4' entrance sign.

Other recent projects include various church signs, directional and identification signs for Silver Mill, and other business signs.

The one-year class is composed of students and community residents and involves design, selling, painting, building, and erecting signs for every type of establishment.

The course is one of 26 areas of concentration in the occupational education program at AU. New areas added this fall are refrigeration and air conditioning, and diesel mechanics.

NEWS REVIEW • NEWS REVIEW • NEWS REVIEW

The Sanctuary and Its Services Recreated in Pageant at AU

Ceremonies of the Old Testament sanctuary were recreated in a pageant in Andrews' Johnson Auditorium, Sabbath afternoon, October 12. The pageant was designed by Salim Japas, seminary student, and intended to make clear the symbolic richness of the ancient ceremonies.

Japas built a replica of the desert tabernacle on a half scale, following the biblical dimensions of the ancient structure and its appointments. Some of the pieces of furniture were personally acquired by Japas in the Middle East.

Visitors to the pageant saw priests in ceremonial robes, the colorful tent, a candelabra from Israel, an incensary from Lebanon, the tables of law. Narration accompanied the action in the ceremony.



Salim Japas, seminary student, imitating the part of the priest in the Hebrew sanctuary services and wearing a replica of the garments used, swings the censer of burning incense according to the ancient rite. A Levite stands by during the ceremony. At right, the priest blesses the congregation.



Photos by R. Dower

Max J. Church, WAUS development director; Mrs. Joyce Constantine, instructor in nursing; Dr. Robert J. Cruise, assistant professor of education; George W. Cummings, director of food services;

James R. Davidson, instructor in architecture; Terrill R. Dietrich, instructor in art in the Lab School; Cheryl M. Easley, assistant professor of nursing; Carol E. Easley, assistant professor of nursing; Peter D. Erhard, assistant professor of art; Robert Esh, special instructor in sign painting; Mavia Fletcher, instructor in home economics in dietetics; Dr. Lawrence C. Ford, assistant professor of mathematics; Dr. Lyndon G. Furst, assistant professor of education; Farrell Gilliland, Sr., assistant professor of technology in carpentry; Neva Jeanne Hall, instructor in home economics; Pastor John Harris, youth pastor at Pioneer Memorial Church; Dr. Demetrio M. Hechanova, Jr., assistant director of the medical center; Mrs. M. Eileen M. Horne, instructor in physical education; Pastor Paul T. Jackson, alumni and development director; Pastor Donald G. Jacobsen, associate professor in the seminary; Mrs. Ruth Jacobsen, assistant professor of nursing; Ronald Johnson, instructor in math and science in the Lab School;

(More)



Capping and dedication of sophomore nursing students at Andrews University was held Sabbath evening, November 2, in Pioneer Memorial Church. The class is comprised of 55 women and 4 men and is part of a program leading to the baccalaureate degree in nursing. Speaker for the ceremony was Dr. Herald A. Habenicht, associate professor of health education and director of the Medical Center at AU.

AU Adds 44 Faculty and Staff

Forty-four full-time faculty and administrative staff members have been appointed for the Laboratory School, the College of Arts and Sciences, the College of Technology, The School of Graduate Studies, and the SDA Theological Seminary this year, according to Dr. Joseph

Smoot, vice-president for academic affairs.

They are Dr. George Akers, professor of education; R. W. Anderson, instructor in band and music in the Laboratory School; Dr. Samuele Bacchiocchi, assistant professor of religion; Norman E. Brown, manager of the laundry; James D. Chase, instructor in radio;

NEWS REVIEW • NEWS REVIEW • NEWS REVIEW

Dr. Bernard M. Lall, professor of education; Dr. Geeta Lall, assistant professor of education; Mrs. Janet S. Minesinger, instructor in English; Mrs. Evelyn Mitchell, instructor in nursing; Dr. Donald M. Myers, instructor in avionics; Randolph E. Neall, public information officer in Public Relations; Carolyn Olsen, placement services; Stephen V. Prescod, instructor in communication;

Navil Razzouk, assistant professor of business administration; Mrs. Aldyth T. Roberts, assistant professor of home economics and nursing; D. W. Swaine, instructor in the college of technology; Mrs. Rona C. Swaine, instructor in the laboratory school; Barbara J. Wilde, instructor in nursing at Hinsdale; Wayne Woodhams, manager of WAUS; Dr. John B. Youngberg, assistant professor of education.

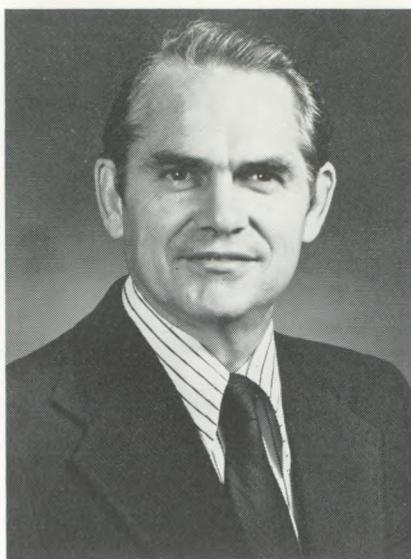
Part-time faculty hired are Mrs. Equilla G. Wright, assistant dean of women; and Mrs. Beryl Mamanua, instructor in music.

The Johannine Epistles Subject of Dissertation

A textual study of 81 ancient New Testament manuscripts formed the basis for the doctoral dissertation by W. L. Richards, acting chairman of the religion department at Andrews, who has received a PhD degree in religion from Northwestern University, Evanston, Illinois.

Richards, an assistant professor of religion, teaches Greek at the university. His dissertation is entitled "The Textual Relationships of the Greek Manuscripts of the Johannine Epistles: Establishment and Classification of the Manuscript Groupings."

Using the AU computing center to tabulate his findings, Richards studied 81 different Greek manuscripts of three New Testament epistles—I, II, and III John—to find variations in the textual readings. He was then able to compare the variations and agreements of each of the manuscripts.



Dr. William L. Richards

He said that most of the variations were quite minor, such as different spellings, different tenses of verbs or perhaps the omission of a line or phrase by scribes copying from other manuscripts after the epistle was written. The manuscripts date from the 4th to 15th centuries. These manuscript relationships of the Johannine epistles had not been compared and grouped before according to their textual features, Richards said.

Richards joined the AU faculty in 1967 and chairs the department of seven full-time faculty members and approximately 80 religion majors.

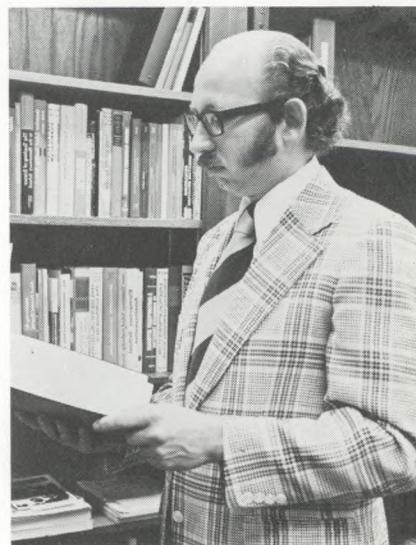
AU Professor Is Officer In Local ACM Chapter

The Michigan chapter of the Association for Computing Machinery (ACM) held a meeting on structured programming in October at the Notre Dame University Computing Center, South Bend, Indiana. Attending the meeting as local chapter officer was Dr. Larry McNitt, associate professor of math at AU. The ACM met again in November to discuss the issue of education in the computing sciences, according to McNitt.

U.S. Congressional Committee Requests AU Prof's Research

Minnesota Congressman Albert H. Quie, ranking Republican on the House Committee on Education, has asked an Andrews professor for a dissertation summary criticizing the effects of federal aid to California school districts.

The study, by Assistant Professor of Educational Administration Dr. Lyndon Gerald Furst, concludes that federal aid "does not even begin to eliminate disparities of wealth



At the request of U.S. Congressman Albert H. Quie, AU's Assistant Professor Gerald Furst (above) has sent to Washington some of his research data on federal aid to school districts in California.

among districts through funding" as expected.

"There is no significant relationship between the wealth of a district and the amount of federal aid received per pupil within the district," he added, stating that the public has been led to believe the contrary.

The study, Congressman Quie said, "is obviously very strongly related to the interests of this committee."

Furst recommends that both assessed valuation and adjusted gross personal income should be used as measures of fiscal capacity in equalization studies.

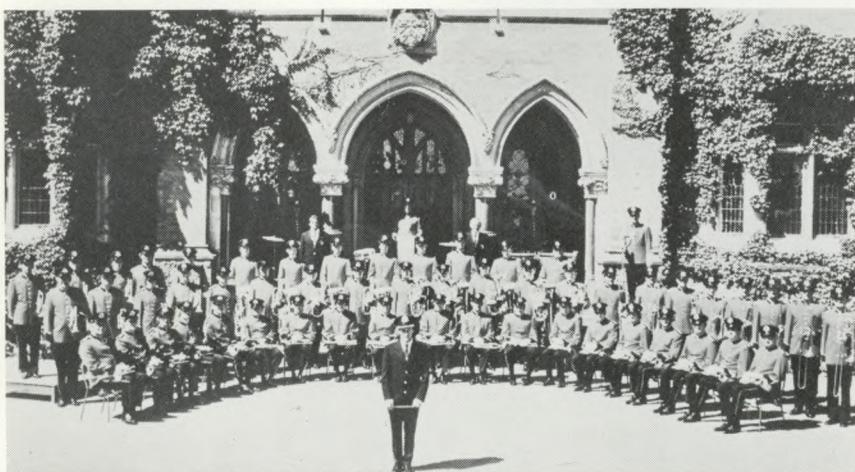
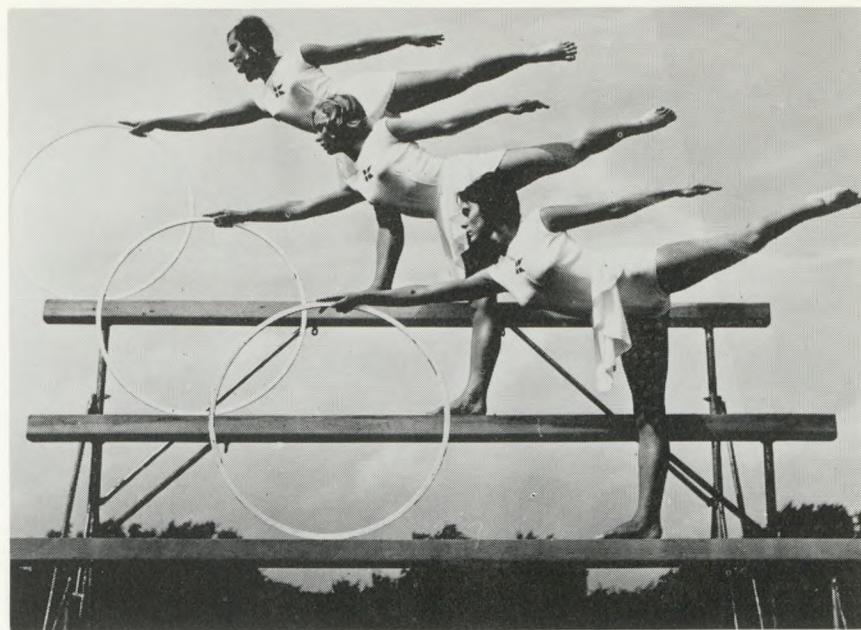
He has already begun a similar analysis of California Seventh-day Adventist school-funding equalization.

NEWS REVIEW • NEWS REVIEW • NEWS REVIEW

Violin and Piano Concert Performed in Amphitheater

Violinist Miha Pogacnik and pianist Ellen Benson Weckler presented a chamber-music program, October 13, in Price Hall Amphitheater. Pogacnik has performed in Germany, Austria, Switzerland, Italy, Yugoslavia, and the United States. Now on a Fulbright Scholarship, he is studying under Joseph Gingold at Indiana University.

Ellen Weckler, guest lecturer at the University of Michigan, has worked as accompanist and coach with both the Ohio State University Opera and an opera workshop with Boris Godolovsky. She holds a master of music degree from the University of Michigan.



The National Band of New Zealand, which has repeatedly won world titles and championships, performed at Andrews, October 6.



The Engadiner Kantorei, a 75-voice choir from Switzerland, presented a sacred concert at Andrews, October 3. Their full repertoire includes instrumental works and Swiss folk songs, as well as sacred choral music.

The 28-member Danish Gym Team performed at Andrews, November 9. The program included a selection of ancient Danish folk dances given in colorful costumes, as well as tumbling, vaulting, and composition with balls and hoops (above). The team has performed in 49 states of the U.S., all but one country in South America, in Australia, and countries of Europe and Asia.

International Scene

(from page 8)

Brian E. Strayer, student, addresses the international students through the *Student Movement*, campus newspaper: "In a very special sense, we are going even further this year than ever before to recognize the talents, accomplishments, and viewpoints of our 350 foreign students. Through the *Student Movement* we want to feature your insights and opinions regarding American life, politics, education, values, and a host of other topics. . . . We want to know you better; we want to make you known as a special part of our school group. Won't you cooperate with us in promoting international camaraderie here at Andrews?"

"To all foreign students we say, Welcome to the Andrews family! You cannot be strangers here, for you are among friends."

Who? What? Where? When? Among Our Alumni



The AU alumni group assembled at the Middle East College Administration Building for their picture are left to right: row 1—Wilson Trickett, '49, AU professor of business administration; Marion Runge; Manoug Nazarian, '67; Naji Razzouk, '73; Venice Khouri, '63, '71; Mary Zezas, '71, AU assistant residence-hall dean; row 2—Ernest Runge, Samaan Fangary, George Dandan, '71; Anoosh Keshishzade, '70; Vera Dean Gregg; row 3—Jim Segar, '61; Doctor Guirguis, '66; Hana Gadi; Johnny Minassian; Earl Gregg; row 4—Dean McDaniel, '64; Kameel Haddad; Sam Shaheen, '71; Londa Schmidt, '61; H. J. Shaw, '49, executive secretary of AUAA.

Koala President

Arthur N. Patrick, MA and MDiv '72: writes from Australia to Mrs. Edwin Buck, president elect of the AUAA, "It was a pleasure to renew fellowship with you last month when you formed our Koala chapter of the AUAA here at Avondale. . . . We did enjoy the slides you brought us and the renewed contact with our beloved Andrews University. We believe in the open friendliness of the American people, and enjoyed again the way you exemplified the spirit." Patrick is in the theology department of Avondale College, Coorabong, New South Wales, Australia. He received his doctor of divinity degree at Christian Theological Seminary, Indianapolis, Ind., after completing his work at Andrews in 1972. His wife, Jean, is also an AU graduate—BS '72.

Koala Chapter members are, from left to right: front row, Mrs. Arthur N. Patrick, Mrs. Len Polhurst, Mrs. R. E. Rice, Mrs. Allan Thrift; back row, Arthur N. Patrick, Len Polhurst, R. E. Rice, Desmond Ford and son Luke, Jillian Ford, and Mrs. Edwin L. Buck, Jr.

Mid East Alumni Chapter Formed

The Mid East Alumni Chapter was organized Saturday night, July 27, 1974, at the Middle East College, Beirut, Lebanon, on the occasion of the visit of Andrews University Alumni Board members from Andrews University.

The officers elected were: President, Manoug Nazirian; Vice-President, Naji Razzouk; Secretary-Treasurer, Marion Runge; Assistant Secretary-Treasurer, Venice Khouri.

The climax of the meeting was the singing of the school song, played by Mrs. Runge. Vera Dean Gregg, formerly office secretary for AU Public Relations and Alumni, was in charge of the get-together and served as hostess for the occasion.

Koala Chapter is AUAA's 40th

The 40th chapter of the AUAA was organized August 10, 1974. The Koala chapter at Avondale College in Australia, gets its name from the little bear native to that country.

"It was a cold night," writes Elsie Landon Buck, AUAA vice-president, "so the delicious buffet meal, hot drinks, and typically Australian dessert put us all in a good mood for conversation which centered on Andrews University past and present."

"We were guests of **Professor R. E. Rice**, MDiv '51, and Mrs. Rice of Avondale College. They are wonderfully outgoing people. We showed some slides of our trip around the world and of Andrews University."

Officers for the Koala chapter are: President, **Dr. Arthur Patrick**, MDiv '72, MA '72; Vice-President, **Allan Thrift**, BMus '70, MMus '71; Secretary-Treasurer, **Jillian Ford**.



Alumnus is PR Head Of "Faith for Today"

Recently appointed to direct Faith for Today's public relations program is **Richard J. Barnett** MA '59. Elder Barnett comes to his new post from Kettering (Ohio) Medical Center where he was public relations director.

Elder Barnett's varied background as pastor, conference departmental secretary, and officer in institutional communications will enhance his work at "Faith." His duties include publications, fund raising and general promotion for the ministries of the telecast.

A native of New York City and a graduate of Columbia Union College and Andrews University, Elder Barnett took up his new responsibilities at the Thousand Oaks office of Faith for Today on July 8. He will be involved in promoting several exciting projects such as the spot ministries (30-second TV spot messages) and a children's television program. Barnett will also serve on Faith for Today's Board of Directors.

Alumni Family of Five

The Russell Swartz family is an alumnus family of five. After four years of retirement, **Russell J. Swartz Sr.**, BA '29, and his wife **Lillian Johnson Swartz**, BA '30, are giving up the snows of Michigan for retirement in balmy California.

Swartz Sr., who claims he is the public relations director for the Swartz clan, writes, "I never expected back in the twenties that we'd be an alumni family of five."

Russell Swartz Jr., BA '68, teaches in the Detroit public school system, and practices law as well. His wife, **Peggy Stevens Swartz**, BA '70, teaches at the Southfield school in Detroit.

Donn Stuart Swartz, BS '70, is beginning a two-year administrative internship at Porter Memorial Hospital, Denver, Colo. Prior to his internship, Donn taught in St. Louis, Mo., for three years.

A.U. Teacher of the Year Located in Montana

Andrews Centennial Teacher of the Year, **Dr. John Kearnes**, MA '67, currently teaches at Eastern Montana College.

Prior to receiving his doctoral degree from the University of Utah, Kearnes also received the Teacher of the Year award at Hinsdale Junior Academy, Hinsdale, Ill. He was selected A.U. teacher of the year by the Student Association for being an outstanding teacher who showed personal interest in every student. Kearnes has taught for many years and has authored numerous books.

Kearnes met his wife, the former

Margaret Schone, MA '67, while attending Andrews. He considers physical work and exercise important, and a good balance for mental exertion. He enjoys walking, golfing, swimming, and tinkering on his car. The Kearnes have a five-year-old son, Jonathan.

Airman **William G. Penner**, BS '68, graduated with honors at Sheppard AFB, Texas, from the U.S. Air Force accounting and finance specialist course.

The airman, whose training included special emphasis on travel and military pay, is assigned to the Air Force Accounting and Finance Center, Denver, Col.

Herbert W. Pritchard, BA '52, of the General Conference Insurance and Risk Management Service, completed a Hartford Insurance Group seminar at Hartford, Conn.

Pritchard was one of 16 participants in the seminar which provided updated information on the latest insurance coverages and previewed future industry trends.

Paul Horton, BA '63, MA '64 is now Radio and Voice of Prophecy secretary for the Tanzania Union. Pastor Horton and his wife, Zula Dugger Horton, have two children, Paul 8, and Deborah 5.

John Roosenburg, MD, BA '70, and his wife, **Anna Eastmen Roosenburg**, former student, now reside in Takoma Park Md. Dr. Roosenburg is presently completing his internship at the Washington Adventist Hospital in Takoma Park. The Roosenburgs have a 14-month-old son, John Martin Roosenburg II.

Fred Kasischke, BA '68, MDiv '70, is now associate pastor of the Long Beach, Calif. Church. Pastor Kasischke and his wife, **Diane Rayspis Kasischke**, former student, worked for three years in Illinois before accepting the call to Long Beach.

Don Koester, BA '56, and his wife **Carol Koester**, BS '55, are experimenting with a new concept in lay evangelism. Don, who is a professional buyer during the week, was looking for an area in which to hold lay evangelistic meetings on the weekends.

Since the newly built SDA church in Winter Springs, Florida, was the only church of any denomination in the entire city, the idea was born for a non-denominational, inter-faith service to be held on Sunday mornings, at the church.

Carol conducts a Vacation-Bible-School-type program for the children, with the help of the church members each week while Don preaches Christ-centered messages to the adults. No controversial doctrine is preached on Sunday, but those who express an interest in such subjects are visited in their homes and offered personal Bible studies. Some families have already begun attending services on Sabbath.

Interests are also channeled into the church's nutrition classes, 5-day-stop-smoking clinics, and Pathfinders.

The program has proven to be a real entering wedge into the community.

Bill Penny, former student, received a grant of \$12,000 from the National Science Foundation to conduct research on a device to measure blood flow in human limbs.

Penny is a graduate student from Worcester Polytechnic Institute, Mass., where he received a BS degree in biomedical engineering.

Dewey A. Penrod, BA '27, and his wife, **Faye Strickland Penrod**, BA '27, now reside in Medford, Ore. Penrod writes, "We still strive to help finish the work so we can see our dear Saviour soon."

Mr. and Mrs. Oliver J. McKinney Sr., announced the engagement of their daughter, **Lucy McKinney**, BS '67, to George W. Parlor of Atlanta, Ga. The wedding date was set for Aug. 18, '74.

A. M. Peterson, MA '74, is now temperance secretary in Colombo, Sri Lanka.

Eric John Murray, BA 51, MBA '69, has been listed for biographical inclusion in the *Dictionary of International Biography*, Volume XI (1974-75). His citation is for distinguished service in church administration.

Pastor Murray, secretary-treasurer of the Caribbean Union Conference since 1965, is also a listed biographee in *Personalities Caribbean*, fourth and fifth editions (1970-71 and 1972-73), and in *Who's Who in Trinidad and Tobago*, 1972-1973.

Pastor Leonard Tolhurst, MA '55, conducted an evangelistic series on Norfolk Island, site of the early penal settlement in Australian history. The membership of the SDA church on the island is made up of many former Pitcairn islanders. Pastor Tolhurst currently teaches Bible at Avondale College.

Robert Charles Bird, MTh '68, and Diana Lee Richards Bird, now reside in Taipei, Taiwan, where he is pastor of the Taipei city church.

Loren L. Fenton, MDiv '71, and Ruth Christensen Fenton live in Kaohsiung, Taiwan, where he is now a pastor.

Dr. William L. Van Arsdale, premed 1943, MD from LLU '47, is medical director and surgeon of the Taiwan Adventist Hospital in Taipei, Taiwan, Republic of China. He and his wife Verla VandeVere Van Arsdale, pre-nurse '44, have been missionaries for 13 years.

Allan Thrift, MMus '71, is now chairman of the fine arts department at Avondale College, Cooranbong, NSW, Australia.

Donald C. Johnson, BA '64, formerly head of the Technical Services department of the Michigan City, Indiana, Public Library, is now director of the Madison-Jefferson County Public Library, Madison, Ind. Mr. Johnson holds an MLS degree from Indiana University, Bloomington, Ind.

Herbert Greer, MDiv '69, is now associate pastor of the Paradise, California, SDA church.

Harvey J. Byram, MA '71, is principal of the Dallas (Texas) Junior Academy.

Alumnotes

Victor C. Hilbert, MA '66: associate superintendent of education for the Michigan Conference. He has been involved in fire prevention and the instruction of fire prevention in addition to teaching in several SDA institutions. He and his wife, Janet, have three children. They live in Lansing, Michigan.

Donald C. Johnson, BA '64: a librarian in Michigan City, Indiana, he has taught school prior to his present position. He received his MLS from Indiana University in 1973. He and his wife, Margaret C. Hunerjager Johnson, are active in the Zion Lutheran church.

Robert H. Cowan, MA '64: presently studying in the doctor of ministry program at the AU Theological Seminary. He has been a pastor in several California SDA churches, the latest being Corona. Married to Janet Clift Cowan; they have a son and a daughter.

Ellen Cook Braun, MAT '64: a teacher in the Lakeshore public schools. She and her husband live in Berrien Springs, where he works at the University Press.

H. Roger Bothwell, BA, MA '64: a minister, he pastors a church at Calhoun, Ga., and also at the Georgia-Cumberland Academy. He is a member of the Academy of Adventist Ministers. Has served six years as a missionary in Uganda, East Africa.

Donna Meek, BS '64: a housewife; received her MS degree from Loma Linda in nutrition in 1966. She is married to William Meek and they live in Livonia, Mich., with one son, Todd.

Herbert Wrate, MA '64: serves as educational superintendent and youth director for the Northern New England Conference of SDA's. Married to Phyllis Keller Wrate, former student; they have two children and live in Pownal, Maine.

Naomi Trubey, BA '64: an elementary school teacher, she has taught for 37 years in church and public schools. Married to Lester Trubey. They have four grown children; live in Arcadia, Ind.

William R. Harbour, MA '64, BD '70: pastor of the Canoga Park SDA Church in California; married to LaVerne Harbour. They have two sons.

Sharon Dorn Chamberlain, BMus '64: housewife and a receptionist in her husband's dental office. Lives in South River, Ontario, Canada.

Ansel L. Bristol, PhD, MA '64, BD '68: pastor of the Sunnyvale SDA Church in California and member of several professional organizations. Married to Myrtle Sterling Bristol. He has authored and edited the Pastor's Bible Class "Profiles of Faith" lessons for the General Conference.

Roland M. Smith, BA '64, MA '65: a minister, he lives in Olney, Md. with his wife **Carole Bowen Smith, BA '65**, and their three children.

Bernard L. Spencer, BD '67, MTh '74: minister; married to Valerie Swanberg Spencer. They are now back at AU. He is working on a doctoral program in the seminary.

James Robert Stephan, BS '64: living in Cicero with his wife, Patricia Clemons Stephan, and their three children, he serves as a principal and teacher and is working on an EdD at the University of Michigan. Stephan has previously taught at Middle East College.

Cyril Gladstone Tennant, former student: lives in Jamaica, West Indies, where he teaches in the business department of West Indies College. Married to **Gwendolyn Parchment Tennant**, also a former student; they have two children.

Kiyoshi Fujita, MDiv '71: living at Loma Linda and studying for the MSPH degree.

Kevin Stokes, BA '73: located at Monroe, Conn., working as claims representative for the Social Security Administration in New York City.

CORRECTIONS

● Alive and well is **Norma Lee Conquest Beavon** (Mrs. Harold Beavon) who was reported in FOCUS as drowned on a mission launch in Alaska last summer. A letter from her husband, pastor of the Courtenay, B.C., Canada S.D.A. church, reads: "I hope you are as happy as I am to know that Norma Lee has never even been in Alaska! She is alive and well. . . . Would you please correct the misinformation in your next FOCUS? I would at least like to put a stop to the messages of condolence that have been coming to me."

● **Earnest Wenth**, AU staff member '50-'53, would like "proof of a FOCUS statement that he was a graduate in 1927 so that he can retire on sustentation." Since we can't provide it, we make this correction!

Ed.—Our mistakes, as you no doubt understand, are not malicious. Eager to cover as much alumni news as possible, we glean our information from letters, notes on scraps of paper, clippings sent us from other publications, word-of-mouth, FOCUS-wants-to-know sheets (sometimes the writing is hard to read—wish everyone would print names and places). We wish we could check out all information sent us. Since that is impossible, we urge persons contributing news to be careful to get accurate information to us. Alumni degrees and years are recorded by code, and occasionally typographical errors slip in. Worse yet, people move around so fast, news sometimes gets old before it gets printed! But we try!

Nominating Committee Recommendations for the AUAA Board of Directors

For vice president, 1975-77, and president elect, **William Garber, BA '66**.

For associate chairman of special projects, 1975-77, **Beth Wilkins, BA '62**.

For board member, 1975-78 (replacing William Garber), **Frank L. Jones III**, student in the School of Graduate Studies and Sabbath School secretary of the Lake Union Conference.

Current Board of Directors

Floyd L. Costerisan, '53 president
Lansing, Mich. 1973-75

Elsie Landon Buck, '43, '64, vice-pres.
Berrien Springs, Mich. 1973-75

Horace J. Shaw, '49, executive sec.
Berrien Springs, Mich.

Martin M. Fishell, '51 treasurer
Berrien Springs, Mich.

Opal Hoover Young, '26, FOCUS editor
Niles, Mich.

Wilson Trickett, '49, past president
Berrien Springs, Mich.

James Barclay, '39, chairman, special projects
Western Springs, Ill.

Paul E. Hamel, '48
Berrien Springs, Mich. 1973-76

Hugh Love, '49
Loma Linda, Calif. 1974-77

Beth Foster Wilkins, '62
Berrien Springs, Mich. 1972-75

Jeannette Hodge, '69, '70
Berrien Springs, Mich. 1973-76

William E. Garber, '66
Athens, Ohio 1974-77

Jean W. Iles, '47
Apopka, Fla. 1974-77

Jamie E. Trefz, '62
Silver Springs, Md. 1974-77

Gordon E. Johns, MD, BA '70: in Ophthalmology residency program at White Medical Center, Los Angeles. Married to **Martha M. Myers, BS '70**.

Warren H. Johns, BA '67, MDiv '69: minister; after five years with the Michigan Conference, is now teaching in the religion department of Columbia Union College. Married to **Loretta Kling, BS '68**.

Don Carlson, BA: working for printing company in Benton Harbor, Mich.

Edmundo Carreon, BA: plans to take the MAT degree at AU.

John Cessford, BS: working for Empire Sound, Inc., in Chicago.

Janice Wolfe Chamberlain, BS living in Berrien Springs.

Sharon Chamberlain, BA: living in Berrien Springs; plans on going to graduate school.

Jebbt Kenny Chan, BS: going to medical school at Loma Linda University.

Judith Perkins Christensen, BS: living in Riverside, Calif.

Joyce Pierce Christman, BS: living in Berrien Center, Mich.; she plans to work as an RN in obstetrics nursing.

Joseph Christoffel, BS: working for a CPA in Benton Harbor, Mich.

Alumnnotes

Doctor, Lawyer, Merchant, Chief? (What Becomes of the Alumni?)

Francis Beck Schleicher, secretary of the class of 1954, questioned class members to find out what has become of AU grads in her class. She received 27 responses; these '54 grads classify as 1 lawyer, 1 hospital chaplain, 10 teachers, 7 pastors, 2 hospital administrators, 2 registered nurses, 3 medical doctors, 1 data processor, 2 foreign missionaries. Of the 27 reporting, 23 hold church offices. Among this group are a total of 65 offspring [future alumni we hope!].

Josephine Marshallleck, BA '65, is chairman of the department of medical technology, University of Health Sciences, Chicago Medical School of Related Health Sciences.

Gunter Fraatz, MA '73, has moved to Dortmund, West Germany, where he is conference secretary. He writes that he has been successful in getting his MA from AU recognized in Germany by the country of Low Saxony.

The president of the Honduras Mission, James W. Zackrison, writes about the work of an Andrews student in Honduras this past summer. "Salim Japas, seminary student evangelist for the San Pedro, Sula, Honduras, evangelistic field school, spoke to a select audience in the Orthodox Church Cultural Center, August 19. The top families of the San Pedro Sula social structure were present to hear him speak on the need for more solid home structures and the need for religious training today.

"Four hundred Arab families in San Pedro, Sula, represent the wealthy classes, and they were represented to hear Salim Japas. The Orthodox priest presented the opening prayer in Arabic, and Japas showed slides of his visits to the Middle East and his work as refugee coordinator during the Six-Day War in 1969. Most of the Arab population consists of Palestinians uprooted from their ancestral lands, and the impression left by Japas in favor of the Adventist church was powerful.

"A new group of Arab merchants was represented in this meeting. This is a new breakthrough for the evangelistic crusade. On few occasions has an Adventist been honored as has Salim Japas by non-Adventists in their own churches. The Orthodox church has requested that it be allowed to cooperate with Adventist educational welfare programs as a result of this meeting."

In another information bulletin, President Zackrison writes that "the Arab Club of the city and the Orthodox Cultural Center have expressed interest in the visit of the Adventist world president to Honduras in November and the role they can play in greeting him. This is an unprecedented opportunity for the Adventist church in Honduras. . . .

"These are new opportunities that require special methods of evangelism,

in some cases totally new and pioneering methods. Many steps have to be 'played by ear' for lack of precedents. Long range benefits will undoubtedly accrue as a result."

What We Know About the Class of '74

Carol Jean Ambersley, BS: taking a traineeship at La Sierra College, in Riverside, Calif.

Charles Amlaner, Jr., BS: doing graduate study on bird communications and dispersal techniques at AU.

Wesley Earl Amundson, MDiv: is in the ministry in Northern California, at St. Helena.

Carl Anderson, MAT: teaching grades 5-8 in Columbus, Wis., church school.

Craig Anderson, BA: taking MPH degree at School of Health, Loma Linda University.

Thomas Andrews: living in Glen Ellyn, Ill.; plans on graduate study.

Kia Jaskko, MA: evangelist with Finland Conference.

Charyleneo Arany, BS: living in Newbury Park, Calif.

Austin Bacchus, BA: studying at seminary at AU.

Benjamin Baker, MAT: considering advance studies in education; living in Berrien Springs.

Carol Baker, BA: living in New Jersey; plans a traineeship with aim of registered dietitian.

Kurt Bandel, BS: office manager in Cortland, N.Y.

Dale Barnes, BA: going on to medical school at Loma Linda University.

Dennis Barts, BS: teaching in church school in Des Moines, Iowa.

Barbara Bates, BS: living in Berrien Springs.

Elaine Baum, BA: doing graduate work in German at Darmstadt, Germany.

Freida Bechtelheimer, MAT: teaching home economics, art, and is assistant girls' dean at Sunnydale Academy in Centralia, Mo.

Eliezer Benavides, MA: secretary in the Pacific Union in Glendale, Calif.

Irene Benavides, BS: bilingual secretary in Southern California Conference at Glendale, Calif.

Cynthia Blinci, BA: living in Colorado.

Wendy Boelter, BS: living in Wausau, Wis.

Keith Boyd, MA: teaching on the faculty at West Indies College, Jamaica, West Indies.

Samuel Boynton, MDiv: pastor, living in Salisbury, Md.

Cordell Briggs, MA: working for Berrien County sheriff's department.

Raymond Brooks, MA: principal of Grand Ledge (Mich.) Academy.

Suzanne Buller, BA: working at Southern Publishing Association, Nashville, Tenn.

David Burke, MA: pastor of the Westchester SDA Church; lives in White Plains, N.Y.

Deborah Hill Burlingame, BA: living in Berrien Springs.

Geraldine Burt, BS: taking a dietetic internship at the University of Michigan Hospital at Ann Arbor.

Oweata Goodchild Case, BS: living in San Antonio, Texas; working for the U.S. Army and plans to take graduate studies in pediatric nursing.

Cynthia Caise, BS: living in Dowagiac, Mich.

Margaret Walden Calkins, BS: working at Berrien General Hospital, Berrien Springs.

Linda Ledbetter Cambique, MA: living in Berrien Springs; plans to become a domestic engineer.

Margaret Brennan, BA: elementary teacher in SDA school; she lives in Atlanta, Ga.

Mary Morrow Cardona, MA: living in Berrien Springs, Mich.

Terry Carlisle, MDiv: associate pastor of the Kettering SDA Church, Kettering, Ohio.

Lucille Clarke, BS: studying family economics and home management at Purdue University.

Beverly Brendel Cobb, BS: living in Centerville, Ohio.

David Connors, BS: living in Oshawa, Ontario, Canada.

William Wayne Crawford, BS: is working on a degree in respiratory therapy at Loma Linda, Calif.

Daniel Cristancho, BA: continuing in the seminary at AU.

Michael Crosby, MBA: studying for a PhD in accounting at Ohio State University in Columbus.

Patricia Dade, BS: living in Pittsburgh, Penn.; will be working at Magee Women's Hospital in neonatology intensive care unit.

George Dandan, Fifth-Year dip: working for an engineering firm; lives in Beirut, Lebanon.

Robert DeForest, MDiv: minister, in the Wisconsin Conference.

John DesJardins, BS: taking an MBA degree at the University of Wisconsin at Madison.

Kathy Dickson, BS: teaching home economics and physical education at Shenandoah Valley Academy, New Market, Va.

L. Jean Doll, BA: living in Bay City, Mich.

Dwight Donesky, BA: going to medical school.

Julia Drake, BA: living in Battle Creek, Mich.; she will be going to medical school at Loma Linda.

Daniel Drazen, BA: taking graduate work in library science at the University of Chicago.

Linda Erickson DuBose, BA: taking traineeship at AU Food Service.

Carol Locke Dyke, BS: working in OB department at Holland (Mich.) City Hospital.

Jo-Anne Easterbrook, MA: teaching French and English at Toronto

Alumnotes

Junior Academy in Canada.

Zelma Harris Edwards, BS: living in Nashville, Tenn.

Arthur F. Gay, BA'38: director of Reader Service for the Voicespondence Club in Baldwin Park, Calif. "Recently finished the last FOCUS and enjoyed it immensely. The nostalgia of the interurban line at EMC. . . I'd like to get to AU once more (though it is changing so rapidly that it is almost unrecognizable). Change is good and no one objects (at least not me). We are still active in our church. Elder F. B. Wells is our pastor [BA'41]."

R. D. Pifer, MA '59: has served nearly 15 years in mission work, returned last summer from the Middle East and East Africa to join the stewardship and development departments of the Pennsylvania Conference. Returning to the States to provide education for their children, the Pifers are residing at Crestwood, Reading, Pa.,

Alice Calkins, BA '69: joined Southern Missionary College home economics department faculty this fall, teaching in foods, nutrition, and food management areas. "It's such a privilege

to be responsible for educating those who will complete God's work."

Marie Stocker Berkner, 'BS '68: moved with her husband, Wayne, recently to Owings Mills, Md., where her husband has taken a position with the American Institute of Baking in their department of sanitation education and is currently traveling along the east coast doing surveys for the institute. Mrs. Berkner is working as a substitute teacher for Baltimore County Schools.

Louis Eugene Merkel, Jr., BS '59: recently appointed by Governor William G. Millikin of Michigan to be a city councilman in Wyoming, a suburb of Grand Rapids. Merkel is a certified public accountant and managing partner in the firm of Rugg, Merkel, Prangley, and Marlos of Grand Rapids; he has been with the firm 5 years.

Following a tour of duty in the U.S. Navy, Merkel was graduated from Andrews. It was at his suggestion, Mrs. Merkel writes, that Dr. Warner McClure, then dean of the college, made the necessary arrangements for the college to be recognized by the Michigan State Board of Accountancy.

While working as a pricing analyst at Lear Siegler, Inc., Merkel began work toward a master's degree and was graduated from Western Michigan University, Kalamazoo, with an MBA in management. Merkel is active in both church and civic affairs and is currently president of the Wyoming Park Rotary Club.



The Illini chapter of the AUAA gathers for a February, 1974, meeting.

Remembering Our Visits

While Elizabeth and I have been visiting among you, so many friends, including former students and classmates of our beloved editor Opal Hoover Young, have asked us to carry their greetings and gratitude to her that we have decided to prepare this message and to request its publication in FOCUS.

Repeatedly you have told us of your delight when you find news about the activities of classmates and friends, many of whom you have lost contact with during the years. You have reflected deep appreciation for the quality of FOCUS as our university organ and for the excellent preparation and presentation of its articles and other informative items, keeping you in continual touch with life and progress on the campus of our dear old school still unfolding the full bloom of Andrews University.

You have emphasized your happiness as you find the names of alumni and friends listed together, even as in a bond of close unity and fellowship, in their efforts to provide the funds

and facilities so needed during this Centennial period to prepare workers for service in all parts of the world. Regardless of the size of your gifts and commitments, as dictated by circumstances, you have clearly stated your sense of a common strength and purpose as together we seek under the blessing of heaven to meet the challenge of world need.

Paul T. Jackson
Minister of Alumni Stewardship

AU Ordination Candidates

Six recent AU seminary graduates or former students were ordained at the Annual Convocation of the Southeastern California Conference in October.

Ordained were: **William Brent Coffman**, MDiv '71; **Arthur Charles Earll**, MDiv '71; **Virgil Bailey Gillespie**, MA '65, MDiv '66; **David Ralph Larson**, BA '70; **Robert Bruce Leake**, student in '70; **Terry Glen Pooler**, BA '71.

IN MEMORIAM

• **Harold Albert Robieson**, BS'57: died November 14, 1973, in Candler, N.C.; had been working as accountant at Mount Pisgah Academy shortly before his death. He and his family had spent 13 years as missionaries in the Far Eastern Division before returning to the States because of his ill health.

• **Clara McClelland Craig**, BA'28; died August 18, 1974, at the St. Francis Hospital in Lynwood, Calif. She was a loyal supporter of Christian education and taught a total of 43 years, the last years of which were at Lynwood Academy. She became a retiree in May, 1968, but taught two courses in Spanish at evening extension classes in Los Angeles. She received an MA degree from UCLA in 1940. She is survived by her husband, **Joseph Craig**, BA'23.

• **Lawrence E. Mobley**, BA'50; died May 15, 1974. From 1950-52 he served as librarian and English teacher at Adelphian Academy, Holly, Mich. He joined the staff of La Sierra (Calif.) College in 1952. In 1961 he received the PhD degree from Michigan State University. He was chairman of the English and language departments at La Sierra from 1963 to 1970, when he joined the staff of Japan Missionary College. He assisted in getting government accreditation for the English department while there. He returned to Loma Linda University in 1972, where he taught until his death.

ALUMNI DONORS

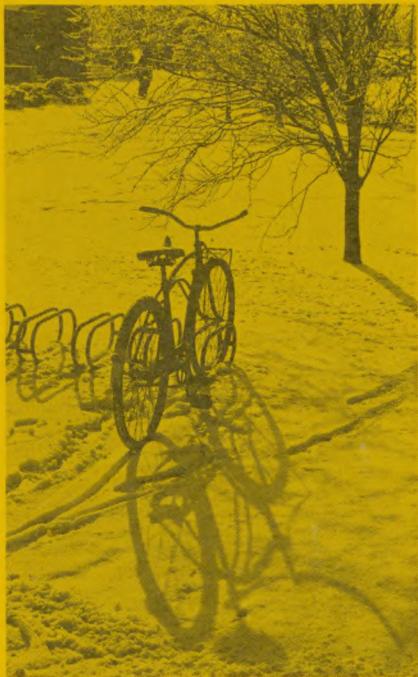
November, 1973 to November, 1974

(Besides these listed donors to AU projects, more than 1200 other persons donated funds to help AU student missionaries this year.)

Aldea, S. E., Jr.	Chen, Gideon H.	Foll, Loy G.	Hill, Stanley J.
Allen, Lela	Cherene, Mary J.	Fogg, Gloria Jean	Hilliard, William A.
Allen, Marian P.	Chilson, L. Vesta	Foot, Frank L.	Hirschenberger, Frank J.
Ambs, Esther D.	Chomintra, Paul C.	Ford, Dwain L.	Hodge, David
Ambs, Louise J.	Christensen, Alfred L.	Forshee, Clayton D.	Hoffer, James R.
Andersen, Mel	Christensen, Bruce	Fraatz, Gunter	Hoffmann, R. H.
Anderson, C. L.	Christensen, Otto H.	Fraser, Joe	Holbrook, Frank B.
Anderson, Dale L.	Christiansen, Hugo	Freeman, John D.	Holman, Dr. & Mrs. H. J.
Anderson, Douglas	Christiansen, Wesley T.	Freeman, Stuart J.	Horn, Siegfried
Anderson, Lorraine	Clough, Earl M.	Futcher, Cyril	Houck, Duane F.
Arnold, W. C.	Coffen, Richard W.	Futcher, Wilfred	Howard, Mabel
Ashlock, J. F.	Coffin, Harold G.	Gaitens, J. C.	Howard, N. A.
Ashton, Dr. & Mrs. J. Bruce	Cole, Mr. & Mrs. Kenneth	Garber, V. E.	Howard, Yvonne C.
Augsburger, Daniel	Cooley, Alfaretta J.	Garburt, Glenn	Howell, Clair M.
Axelson, Ida	Coolidge, William L.	Garland, Allen	Huffaker, G. M.
Ayars, Irene	Copiz, Pietro E.	Garnsey, Cecil	Hughes, Claude D.
Babbitt, Weston E.	Cottrell, Raymond R.	Geraty, L. T.	Hughes, Ross E.
Babienko, L. Lucille	Cowan, Robert H.	Geraty, T. S.	Hunt, Guy M.
Baird, Dennis	Cowper, Wentzel	Giddings, G. Elaine	Hunt, Roger
Bakeman, Gladys	Craig, Joseph W.	Gooden, Thomas D.	Huset, Calvin E.
Baker, Norman W.	Crawford, C. W.	Goodside, Verna	Husted, Ruth E.
Baldwin, Earlene	Cross, Carroll N.	Gorle, T. V.	Huter, Bertha
Baldwin, John T.	Cupples, Helen A.	Graf, Catherine	Hyde, L. Wayne
Barclay, James S.	Curry, Mrs. Glenn	Graff, Edwin L.	Igler, David R.
Barger, R. Chester	Curtis, Lula B.	Graham, L. Norman	Iles, W. Leslie
Barr, Donald J.	Curtis, T. Rose	Grandbois, Mildred	Jackson, Paul T. & Elizabeth
Bartlett, Virgil	Dass, E. R.	Green, Charles	Jacobs, Carl L.
Bather, Wendell T.	Davidson, Bill	Green, E. L.	Jacobsen, Don
Battenburg, J. R.	Davis, Lucile	Greene, Winifred	Jacobson, Ethel R.
Bauer, Don L.	Davison, D. Elayne	Gregg, Alonzo	James, Freburn W.
Bauer, Luanne	Dayton, Ada E.	Greve, Lamont	James, Harold E.
Beardsley, Duane I.	Dean, Harold P.	Greve, Robert	Jansen, Marie
Beck, Elain R.	Dederen, Raoul	Grimley, Vann	Jenkins, H. Reese
Bee, David M.	DeForest, Pat	Groff, Charlotte V.	Jewett, Vernon R.
Beem, Beverly	Deming, Murray	Groshar, Albin	Johansen, Luther W.
Benedict, Russell H.	Deming, Ruth	Grosboll, Harold	Johns, Warren
Bennett, Douglas	Denton, Paul	Guthrie, William E.	Johnson, Donald C.
Benson, George N.	Derringer, Mr. & Mrs. Cecil	Habenicht, Hilda	Johnson, H. M.
Berecz, R. J.	Dick, Everett	Habenicht, Herald	Johnson, Ida A.
Berecz, William, Jr.	Dobias, S. G.	Habenicht, Judson	Johnson, James D.
Berkner, Marie S.	Doering, Herman	Hagan, B. J.	Johnson, Melvin W.
Bezon, Dan	Doll, Anna S.	Hall, Charles J.	Johnson, Paul R.
Bickett, Robert W.	Doll, Stanley G.	Hall, William S.	Johnson, Robert B.
Bisel, Blanche E.	Douglass, Erma L.	Hallcock, Percy	Johnston, Robert M.
Blincoe, Thomas H.	Douglass, H. E.	Hammill, Dr. & Mrs. Richard	Jones, E. Louise
Boston, Alice M.	Downing, Laurence	Hammond, Richard J.	Juher, Andre
Bradford, Robert E.	Downs, Ramona	Hamp, Marjorie	Julier, Barbara
Braun, Mr. & Mrs. Joseph T.	Dyer, Avis I.	Hannah, Bonnie Jean	Kaiser, Ruth
Brenner, Vernon R.	Ebeling, Guy K., Jr.	Hannah, Harry	Karr, Eldyn
Bridges, John	Edwards, Bernard E.	Hanson, James D.	Keiser, Claude N.
Briggs, John L.	Edwards, Geraldine	Hardinge, Fred	Keiser, Clayton
Bristol, Ansel L.	Egan, Emily H.	Harrell, Frank G.	Kelsey, Mr. & Mrs. Verne
Brown, Henry F.	Eldridge, Lawrence	Harris, John F.	Kent, Mr. & Mrs. George
Brown, Joyce P.	Elliott, Louis S.	Hartwell, Raymond	Kerr, Esther G.
Bruckner, Edwin R.	Embleton, Ernest	Harris, Neil	Kessler, Thomas C.
Brundage, Larry F.	Erhard, John	Harris, Richard E.	Kettner, Lois
Buck, Edwin F., Jr.	Erhard, O. Stewart	Harrison, F. E.	Key, Doris
Burrell, Natelkka E.	Erickson, Richard J.	Harrison, Grace	Kieler, George E.
Calkins, Alice E.	Eusey, Lee E.	Hartman, David A.	Kierstead, Avon
Calkins, Erling E.	Fagal, William A.	Haskell, Beryl R.	Kiesz, Phillip
Calkins, Fern	Fagal, William A. Jr.	Haugen, Einar	Kijak, Ernest
Calkins, Mr. & Mrs.	Fahrbach, Mrs. Don	Heaney, Albert	Kiley, Dennis
James, Sr.	Farag, Shafeek	Henise, Erma P.	King, Glee H.
Campbell, Katherine	Fattic, G. R., Jr.	Hervig, Robert	Kirkwood, Jeanne
Carley, Rachel M.	Faurote, Evelyn M.	Herzog, Henry	Kittrell, Edwin
Carlson, Beulah	Fellows, Marilyn	Hess, A. J.	Klose, Amy E.
Carpenter, Roy F.	Ferris, Helen	Heubach, Paul C.	Knecht, David A.
Carr, R. L.	Fetzer, John E.	Higgins, Hervey L.	Knecht, William E.
Carson, Ida R.	Field, Veva A.	Higgins, Mrs. W. B.	Knepel, Donald
Cartwright, Ken	Fillman, Robert W.	Hildebrand, Eugene W.	Knott, Marie E.
Caslow, Daniel E.	Fishell, Martin M.	Hill, Glenn H.	Kober, Adelbert B.
Cemer, William G.	Fisher, Vance A.	Hill, Leonard E.	Koelsche, Giles A.
Chaij, Daniel A.	Folkenberg, Stanley	Hill, Raymond C. (Mich.)	Koenig, Marjorie
Charland, Dorothy		Hill, Raymond C. (Ohio)	Konegen, Anton

Konegen, Ursula J.
 Koobs, Dick H.
 Korn, Una M.
 Kott, Clarence C.
 Kotter, Vel Eric
 Kramer, Lee F.
 Krater, Mr. & Mrs. Paul M.
 Krause, Annemarie
 Kuhlman, H. H.
 Kuhlman, Mrs. Henry
 Kuhlman, Rebekah J.
 Kunz, Wolfgang
 LaCount, Charles
 Lainson, Richard M.
 Landis, Fred A.
 Lang, K. Robert
 Lankford, Alice
 Larkin, William C.
 Lawson, Hazel S.
 Lee, Clinton W.
 Leffler, Richard
 Lesovsky, W. H.
 Lewis, Mr. & Mrs. Virgil
 Lidner, Mr. & Mrs. V. A.
 Little, R. Murray
 Little, Robert M.
 Lovejoy, Delmar
 Lucht, Russell G.
 Lui, Pearl
 Luke, Clare E.
 Lutz, Cheri
 Mackey, Anita J.
 Macri, Richard
 Maehre, Ruth
 Makovsky, Alice C.
 Malcolm, E. L.
 Mallory, Lucile G.
 Manley, M. O.
 Marsh, Alice
 Marsh, Frank A.
 Marsh, Frank L.
 Marsh, Joyce M.
 Marsh, Lydia
 Marsh, Marjorie
 Marsh, Victor W.
 Marshall, Marian B.
 Martin, H. K.
 Mattson, Henry
 Maxwell, Malcolm
 Maxwell, C. Mervyn
 May, Mrs. Anna
 Mayor, Raymond L.
 Meek, William L.
 Meelhuysen, Frank E.
 Meert, Carol
 Mellor, Charles M.
 Merchant, Robert W.
 Merkel, L. Eugene, Jr.
 Messier, Charles
 Michalenko, J. C.
 Michals, Herbert J.
 Miller, Donald R.
 Miller, Leroy A.
 Miller, Opal
 Minesinger, Elsie B.
 Minier, Anna
 Mitte, Jessie B.
 Moldrik, Emil
 Moll, Harold W.
 Moll, Norman G.
 Momb, Mary R.
 Moon, Leona E.
 Moore, Ennis
 Moore, L. F.
 Moore, Marceil
 Moore, Raymond & Dorothy
 Morgan, Roy L.
 Morse, Ella Mae
 Mulholland, W. R.
 Mullins, Neil D.
 Murdick, Dewey A.
 Murdoch, Ruth M.
 Murray, Robert A.
 Myers, Mr. & Mrs. Richard
 McClarty, Jack
 McConaughey, Chloe
 McElmurry, Leland R.
 McFadden, Roscoe
 McKinney, Lucy
 McNeal, C. W.
 McNeal, Wesley E.
 McNeill, James I.
 McNitt, Lawrence
 Nachreiner, Edward
 Nelsen, Esther
 Nelson, Mrs. C. E.
 Nelson, George
 Nelson, Maurice
 Nelson, R. K.
 Nelson, Walter
 Nelson, William R.
 Netteburg, Kermut L.
 Neuffer, Julia
 Newlan, Dallas
 Newman, John W.
 Nichols, C. Glenn
 Nichel, Elizabeth
 Niemann, Ethel
 Nozaki, Joseph
 Nutter, Robert L.
 Ochs, Dr. Earl A.
 Olson, Dr. & Mrs. Roy E.
 Omans, Dr. Clarence D.
 Opicka, Dr. Darrel G.
 Oplinger, Howard
 Otto, Florence E.
 Pacheco, Jose I.
 Padgett, Dr. & Mrs. W. D.
 Parish, F. E.
 Parish, H. W.
 Parker, Mrs. Jack
 Parker, Lorraine
 Patterson, Gary B.
 Paulsen, Alfaretta
 Pearce, Lillian K.
 Pelton, Clara M.
 Penner, J. B.
 Penner, William G.
 Perrine, Mr. & Mrs. A. W.
 Peshka, D. K.
 Peters, Clyde
 Petersen, Andrew P.
 Petersen, Anna C.
 Peterson, Mauritz
 Peugh, Marguerite
 Pfraumer, Mr. & Mrs.
 Edward
 Phillips, Harold
 Phipps, B. Seeney
 Phipps, Barbara H.
 Piasecki, Helen
 Pierce, Lela H.
 Pierson, Mr. & Mrs. Paul
 Pitman, C. A.
 Plunz, Bertha M.
 Poole, Charles D.
 Portrum, Grace J.
 Potter, Edith
 Potts, Rena K.
 Preiner, Gordon
 Priest, Joseph P.
 Prince, Dorothy D.
 Prindeville, Charles T.
 Prior, D. G.
 Proctor, Dick
 Rasi, Humberto M.
 Rasmussen, Joseph H.
 Ratzlaff, Alvin J.
 Ratzlaff, Dale
 Reedy, Clarence L.
 Reifsnnyder, Edward
 Reimche, Zella E.
 Rhoads, James H.
 Rice, Lawrence J., Jr.
 Richards, W. L.
 Riffel, J. E.
 Ritland, R. M.
 Roberts, Raymond D.
 Robertson, Charles W.
 Rochat, Andre
 Rogers, E. W.
 Rorabeck, Herbert
 Ross, Nellie
 Rottmann, Mildred E.
 Row, John W.
 Rowland, S. Clark
 Rulkotter, A. H.
 Rupnow, Evelyn E.
 Running, Leona G.
 Ruskjer, Hulda
 Sabes, Jane
 Saliba, Zaki
 Satterlee, Roy E.
 Sawvell, Austin R.
 Schell, Richard
 Schlager, Donald
 Schleicher, Frances L.
 Schultz, Frank R.
 Scott, Mrs. Glenn
 Seltzer, Keith A.
 Shadel, Willard, F., Jr.
 Shasky, Donald R.
 Shaw, Dr. & Mrs. Horace J.
 Shea, William, M. D.
 Shelden, H. R.
 Sheline, V. Lowell
 Sherwood, Donald J.
 Show, Harry K.
 Showalter, Stan
 Sias, Esther
 Siebenlist, Jeannie
 Simmons, Connie
 Sims, Nathan
 Skala, Shirley
 Skeoch, Gordon D.
 Skinner, Mildred W.
 Small, C. S., M.D.
 Smith, Carl J.
 Smith, Edith L.
 Smith, Floyd W.
 Smith, Grace L.
 Smith, Leonard R.
 Smith, Stanley S.
 Smith, Thomas F.
 Smoot, Dr. & Mrs. J. G.
 Snide, Rollin F.
 Snider, John D.
 Snow, E. W.
 Snow, N. J.
 Snyder, Andrew J.
 Snyder, Donald D.
 Snyder, R. H.
 Sooy, Walter E.
 Soper, Marley H.
 Sowler, Richard C.
 Spaulding, Rita
 Specht, Walter F.
 Stanhiser, Eleanor C.
 Staples, John M.
 Steen, Thomas W.
 Stevenson, Edward L.
 Stickle, Ruth
 Stocker, Howard O.
 Storz, Lester C.
 Strand, Kenneth A.
 Strom, Richard L.
 Sutherland, Irene
 Swallen, Clarence J.
 Swanson, Reynold F.
 Swarm, Orval J.
 Swensen, Shirley
 Swinger, Marie
 Sykes, Forrest K.
 Tacket, Mr. & Mrs. Virgil
 Taggart, George H.
 Tait, S. Reid
 Talmage, Edith R.
 Tarzwell, Ernest
 Taylor, Harry W.
 Taylor, Mrs. Harry W.
 Ten Brink, Paul M.
 Terry, Ruby L.
 Thomas, Nelson
 Thomas, Ulah
 Thompson, Sallie J.
 Tippett, H. M.
 Tompkins, Virginia
 Tozar, Mrs. Kenneth
 Trefz, James C.
 Trickett, Dr. & Mrs. Wilson
 Trummer, Esther C.
 Tuland, Maria
 Turner, Sylvia
 Turner, Walter
 Tyler, Esther
 Uhl, Henry A.
 Vance, Clifford E.
 Vanden Heuvel, Marvin
 VandeVere, Emmett K.
 Vawter, Mrs. William
 Venden, Nellie
 Venden, Ruby
 Vetne, Gunnar
 Vitrano, Steven
 Voorhees, Ellwood G.
 Wacker, Douglas F.
 Waddell, Judith R.
 Wakeham, Irene
 Walker, Lois J.
 Wallington, L. A.
 Waln, Gerald L.
 Ward, W. H.
 Warner, Robert C.
 Wartzok, Douglas
 Washburn, Charles H.
 Waterhouse, S. Douglas
 Weaver, W. T.
 Wehner, Merle E.
 West, Ruth G.
 Wheeker, George
 Wheeler, H. D.
 White, Genevieve
 Whitney, Merle J.
 Wilburn, Joyce E.
 Wilcox, Katherine A.
 Wildman, D. B.
 Wildman, Don D.
 Wilkins, Robert A., Sr.
 Wilkins, Robert A., Jr.
 Wilkins, Mrs. Robert A., Jr.
 Wilkinson, Gerald H.
 Wilkinson, W. J.
 Williams, Arabella M.
 Wilson, D. W.
 Wilson, Neal C.
 Winters, Charles G.
 Wirth, William G.
 Wohlers, Barbara S.
 Wohlers, H. A.
 Wong, Peter A.
 Wood, Kenneth H.
 Wood, Lynn H.
 Woodfork, Bob
 Woods, C. L.
 Woods, Robert W.
 Worsley, Hugh
 Wright, Kenneth A.
 Yap, Ernest
 Young, Charles H., Jr.
 Young, Mr. & Mrs. Donald
 Young, Robert B.
 Young, William F.
 Youngberg, Dr. & Mrs.
 John
 Ziebart, Karolina
 Zweig, Joseph M.

Century of Bicycles (Continued from page 2)



A testimony from Ellen G. White on the bicycle craze and the unnecessary amount of money spent on this pleasure vehicle brought the bicycle carnival at the college to an abrupt end.

But there were some bicycles about when the bicycle scouting team discovered the site that we now know as the AU campus.

Some of us who have been here for many years on this campus, first as students, then returning to teach or engage in other types of service, have learned to love this campus. We have watched it grow. We have learned to love every tree—from the stately spruces, full of wind and sound, that lined the campus thoroughfare connecting the "Stone Road" with the river dock—to the artful and complex landscaping of varieties of trees that delight the eye on today's "campus beautiful."

Among those trees that we knew the first half of the century was the "Option Elm," a young elm tree standing a few hundred feet away from the spot where Magan whipped the five-dollar bill option money from his pocket, in a moment of inspiration, to hold the land for the college.

We watched the tree grow—and we watched it die, when in 1967 the

Dutch Elm disease took its toll of many such stately trees over the country. We also had a part in arranging for the huge slab of the tree to be saved and the growth rings marked with labels, indicating the important events that corresponded with the rings.

We have watched many dramatic changes, too, on the campus. We feel a justifiable pride (after having lived in Birch or Maple Halls or listened to the sounds coming from the "un-sound-proof" music building of those times, or worked among the smells of the quantitative and qualitative chemistry labs—no stack to usher them out of the building) yes, a justifiable pride in the new buildings such as the Science Complex. The three-halled complex was dedicated the last of October to research on the God-Creator premise: "In the beginning God made the heavens and the earth . . . and without Him was not anything made that was made." (It has a rack for bicycles, too, at one of its entrances, for the convenience of students.)

But even as we are thankful for progress, we also note with nostalgic memory that the halls of this complex carry names we knew as former teachers, colleagues, or peers: Haughey Hall, Halenz Hall, Price Hall. We remember other names on campus—and the dedication of the deans memorialized in Burman and Lamson Halls and Rachel Christman Chapel; EMC's "golden-age" president, Griggs, whose name appears on another building. And many others who have loved this campus and who have come and labored and left their names here.

We remember the old cinder paths that led from Maple Hall to Birch Hall and down past the sundial to the old onion-top-architected administration building. As class members we helped put in the first sidewalks on campus with class funds—and hard labor. (They make bicycle riding on campus easier now!)

We remember the untouched beauty of "The Point" above the river and Mystery Island, both with a history of their own. We remember

the old paths skirting the campus where students hiked and lovers met; and the "Garden of Eden" down by Lemon Creek where the first wild-flowers announced the spring, with hosts of violets and white trillium coming on a bit later. It was a favorite walk for students AWOL from classes when spring fever spread through listless classrooms.

Hiking was the order of the day. Neither cars nor bicycles were available. If, as a new student, you were invited on a hike, you knew you "had it made." Many a young lover won or lost in his wooing during a hiking party.

Yes, we are happy for the progress and growth with which God has seen fit to honor Andrews since those days in 1901 when the college was moved to Berrien Springs in response to a message from Ellen White: "It is time to get out now" [from Battle Creek]; and later, "This move is in accordance with God's design for the school before the institution was established. . . . Begin at once to look for a place where the school can be conducted on right lines."

And so today, after nearly a century of bicycles later, as we observe our Centennial year, we think back on that eventful bicycle scouting trip in the early summer of 1901, over sandy, dusty roads; and the subsequent establishment of a college near the bluff overlooking the river. Truly, as Garland pointed out, there couldn't have been a "nicer spot!"



Everybody loves a bike!

Non-profit Org.
U.S. POSTAGE

PAID

Permit No. 5
Berrien Springs, Mich.

EC 082600
CHAIRMAN LIB SCIEN DEPT
ATLANTIC UNION COLLEGE
S LANCASTER MA 01561

Andrews University
Berrien Springs, Mich. 49104
Vol. 10, No. 4
Address Correction Requested

Photo by
Robert Lang

