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ANDREWS UNIVERSITY

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Vol. XI

Special Issue

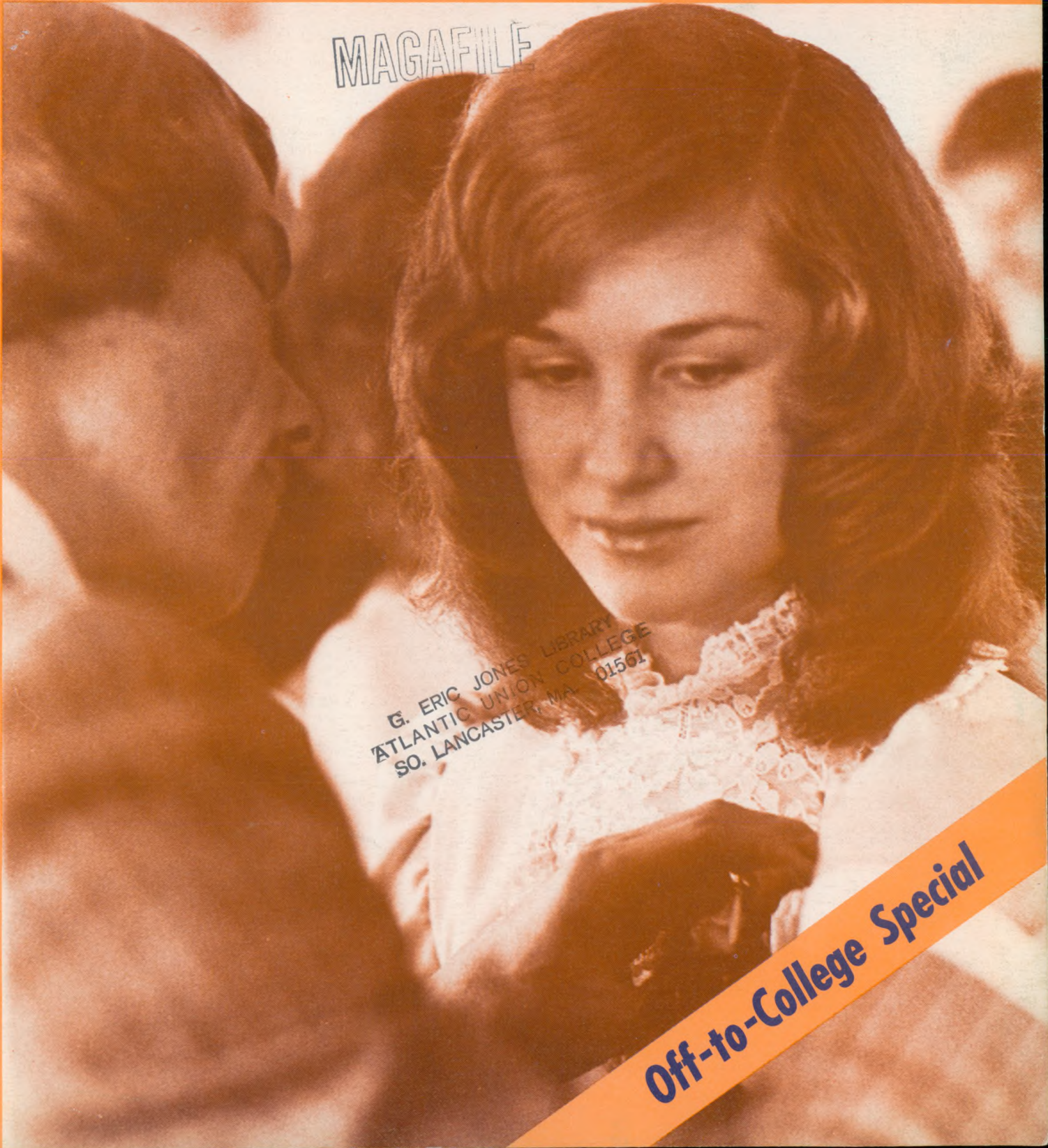
1975



MAGAFILE

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Off-to-College Special



Andrews Today

AU Profile 1975 (Continued inside of back cover)

GOVERNING BODY

Board of Trustees composed of 43 Seventh-day Adventist denominational leaders and prominent laymen

ACCREDITATION

North Central Association of Colleges and Secondary Schools
Michigan State Board of Education
National Association of School of Music
Association of Theological Schools
Teacher Education (NCATE)
National League of Nursing
Member of many educational and professional associations

FACULTY AND STAFF

166 teaching faculty (a 1:13 faculty: student ratio)
28 non-teaching administrators
37 laboratory school supervisory instructors
117 total number of doctorates
375 other full-time staff including industrial and service workers

STUDENT ENROLLMENT

Undergraduate: 1718 students — 419 freshmen, 475 sophomores, 391 juniors, 241 seniors, 192 terminal or special students
School of Graduate Studies: 342 students
Theological Seminary: 304 students
Total: 2364 students
48 States and the District of Columbia represented
72 other countries and U.S. territories also represented
933 women and 785 men in the undergraduate colleges
196 men and 146 women in the School of Graduate Studies
294 men and 10 women in the Theological Seminary

ALUMNI

Number approximately 10,000
2,900 graduates over the past five years

SCHOOLS AND PROGRAMS

College of Technology
BS degree in industrial education
Bachelor of industrial technology degree in 4 concentrations
Bachelor of engineering technology degree in 4 concentrations
BS in engineering degree (2 years at AU, 2 years at Walla Walla College)
Associate degrees in industrial technology and engineering technology
Certificates in 26 areas of occupational education
Interdisciplinary Programs:
Associate degree and baccalaureate degree in computer technology and computer information systems

Bachelor of industrial technology degree and the associate of industrial technology degree in aviation
Associate of industrial technology degree and bachelor of industrial degree in agricultural equipment technology and agricultural technology

COSTS AND FINANCIAL AID

\$3480 for academic year covers tuition, housing, and board. Approximately \$600,000 available in loans, grants, and scholarships
75% of students receive aid through grants, loans, or campus employment

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Bachelor of science degree involving the departments of business administration, mathematical sciences, engineering, and industrial and engineering technology

College of Arts and Sciences
BA degrees in 30 concentrations
BS degrees in 26 concentrations
Professional degrees in six areas (BS in art education, biophysics, dietetics, and medical technology; bachelor of music; and bachelor of social work)
Associate of arts degree
Associate of science degree in eight areas
Pre-professional education in 18 areas
School of Graduate Studies
MA degrees in 7 areas
Master of business administration
Fifth-year diploma in education
MAT degrees in 15 areas
Master of music
Doctor of education
Theological Seminary
Master of divinity
Master of theology
Doctor of ministry
Doctor of theology

Our Cover

Dean Thomas, junior-physical-ed student, pins a corsage on Beth Armbruster, freshman-dietetics, for the Sigma Phi Delta open house and reception. Photo by Rob LeBard

ANDREWS UNIVERSITY



Vol. XI Special Issue 1975

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Andrews Tomorrow

A Look at the future with President Hammill



President Richard Hammill

Strengthening Existing Programs. It is vital that we give attention to the strengthening of existing programs that are good and useful. We must make all departments strong in terms of the adequacy of the faculty, in numbers and teaching ability. We must provide facilities that are needed in order to obtain a first-class education within these closing decades of the 20th century.

Continuing Review of Courses. It may be necessary in the decades that lie ahead for us to cut out some enrollment majors. Changes are constantly occurring in the needs of college students. These reflect the changing employment needs of the nation and of the world in which we live. Andrews must be alert to adapt

to these changes so its students can receive an education that will be helpful to them in the job market. A general education committee is conducting a continuing review of the common-core courses which are required for students to earn a degree and to have a solid, well-rounded education.

The College of Technology. Andrews has recently established a College of Technology. It is expected that this college will grow and may become one of the strongest units within the university. With the changing employment patterns in America, it is certain that more and more of our young people will want to major in technological education.

More

Spring Merges with Winter on AU Campus



Photo by Sigrid Bujak



Master of Arts Programs. It is vital also that Andrews strengthen its MA programs. Due to the rising level of education in America, every year that passes it is becoming necessary for more and more bachelor-degree holders to pursue their education an extra year in order to specialize more in their major field than is possible in a baccalaureate program.

Doctoral Programs. Andrews must also strengthen and stabilize its new doctoral programs. In order to fulfill the special needs that caused the denomination to establish a university, it has been necessary to enter into doctoral-level programs in a restricted number of fields. They mark a new phase of the university's development. Andrews will not offer many doctoral programs, but those that it does offer must be of high academic quality and fully worthy of the standard held in America by fine-quality universities.

Degree Tie-in Programs. It is planned in the years that lie ahead to make a progressive tie-in between these graduate degree programs so that a student majoring in areas in which we offer higher degrees can move quickly and easily from the baccalaureate to the master's level. This



AU Physical Education building. Photo by E. Allen

will mean that the advanced degree programs will have their roots in the upper levels of the undergraduate colleges. This same interaction must exist between the master's programs and the doctoral programs the university offers.

New Areas of Endeavor. A Master Plan Committee is working to outline growth for the university. Three subcommittees are studying and making recommendations: one, for undergraduate education; another, for the



AU President Richard Hammill (right) and vice-president Joseph G. Smoot pose with college and community leaders during a celebration in their honor held on their last day at the Adventist College of West Africa (Nigeria), where students graduating from certain courses will receive AU credits soon. Others pictured are (from left) Chief J. S. K. Osiboda; D. T. Agboola, secretary of education for the SDA West African Union; a local attorney (name unavailable); and J. A. Adiniji, vice-chairman of the board of governors for the Adventist college.

School of Graduate Studies; and the third, for the Theological Seminary. **College of Arts and Sciences.** The Master Plan calls for the establishment sometime in the near future of a major in special education. In Adventist schools there is a growing need for elementary school teachers who have had training in meeting the special needs of students who differ somewhat from the norm, either in being especially gifted, or in having learning disabilities of one kind or another. On the master's level, the university will undoubtedly offer in the decade ahead a master's program for social workers, and perhaps a master's program in psychology.

New Schools at AU. The Master Plan also recommends that sometime in the not too distant future the denomination establish a School of Law at Andrews, a School of Commerce, and possibly a School of

Music and a School of Education. **Overseas Extension Schools.** Also, most definitely a wave of the future, will be the strengthening of extension work from Andrews University at various centers overseas. The Seventh-day Adventist church is rapidly growing around the world, and it is becoming almost impossible for our developing church in these overseas fields to provide ministers who are adequately trained to do the work of the church. It is difficult, if not impossible, to establish independent colleges or seminaries that can provide adequately for the training of gospel ministers.

Andrews began its program of extension schools 25 years ago, and it has been its practice to offer extension classes for the continuing education of Adventist ministers in the eight or nine world divisions of the church about once every four or five years. In the last few years this has been

speeded up, and it is likely that Andrews will move to establish some continuing seminary centers in England, Australia, West Africa, South Africa, the West Indies, and maybe in South America.

Overseas AU Credit. Another new development in the last couple of years has been the request of some of our overseas colleges which do not have independent charters in certain areas to give AU credits for those courses. Andrews now has the approval of the North Central Association of Colleges and Secondary Schools to begin this type of affiliations with the Adventist College of West Africa and possibly soon at Helderberg College in South Africa. Also investigation is being made of the possibilities of establishing a college in the Camerouns for French-speaking Adventists in Africa.

Library Addition. In considering future growth for the university, it is evident that certain new facilities will be required. The first building project is to finish the new library addition which will triple the book

space available in the library. The building, constructed to hold 280,000 books, now has 300,000 accessioned books.

Academy Building. Also in the immediate future, the construction of an academy building is needed—part of the university's laboratory school.

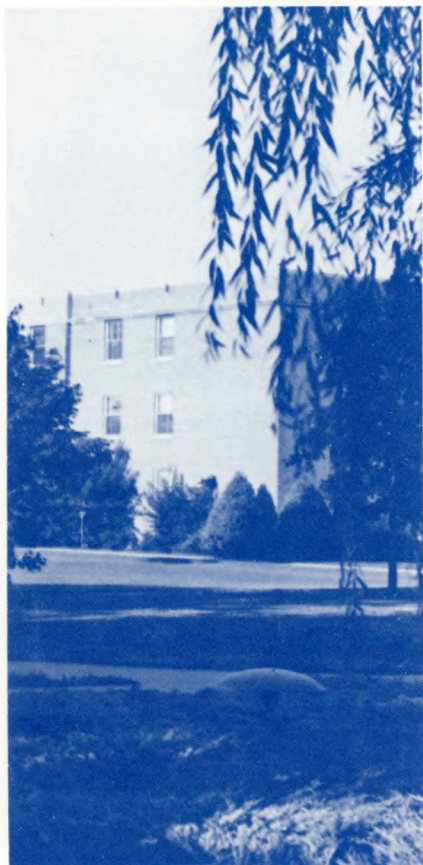
Fine Arts Center. And after several years, Andrews hopes to build a fine arts center which will provide new and expanded facilities for the art and music departments and will have in connection with it an auditorium that may be used for cultural programs, thus freeing the Johnson

Working toward this end of supplying such help, AU already regularly offers classes with credit in marriage and family relationships. The Andrews Christian Youth Association (ACYA) conducts every year seminars for young people who are planning on marriage. These seminars need to deemphasize participation for engaged couples only and expand the counsel to include everyone whether he or she has a steady friend or not; the instruction given there is excellent and all students can profit by it.

Social Interaction Facilities. To meet



There's more than one way to get to classes from Meier Hall, men's residence. Above, Dennis Tier uses his unicycle. Photo by Mike Scarbrough



Lamson Hall, women's residence.

Gymnasium for use by students on Saturday nights.

Need for Social Maturity. Andrews is studying ways of giving more help to its students' social needs, especially in the field of marriage counseling—to help break down the number of broken marriages occurring in recent years among our church youth. Many students are unaware that successful marriages are built on social maturity—on the ability of a person to become and to remain agreeable and pleasant in the face of most problems he will meet in life and to be flexible and accommodating in relationships with other people. Those who learn these social skills and develop salable skills and homemaking skills need not count on romantic fantasies to bring them happiness in marriage.

the needs of students better in helping them to form stable friendships and to develop marriages that will bring the fullest potential for happiness and personal growth, the university needs to provide more facilities for social interaction. Among existing provisions is the Social and Recreational Committee of the Student Association which sponsors retreats, winter camps, and other social activities.

Recreational provisions are made in gymnasiums, tennis courts, swimming pool, softball courts, athletic field, and the Campus Center with its facilities for small groups. Hopefully, someday, funds may be found for an indoor skating rink and tennis courts, since inclement weather exists much of the school year.

Andrews Yesterday

A Mini-History of AU

"The Board and the faculty . . . would greatly prefer to leave Battle Creek and go out in the woods and start a school on a stump."

The words were those of Alonzo T. Jones, a leader at Battle Creek College, forerunner of Andrews Uni-

For the 1901-02 school year, the college rented the former Berrien County courthouse, the old county office building, the sheriff's residence, the jail, and a barn. These buildings were used as chapel, classrooms, library, offices, and storage.

Faculty families and some students found rooms around town. When not enough rooms could be found, the housing problem was solved the night before college opened by renting at \$40 a month the Old Oronoko Hotel. The hotel originally had been floated down the St. Joseph River from Bertram and used for a summer resort. It was made usable for winter use by installing some 40 stoves among the 40 to 50 student rooms. A bolted door separated the men's and women's dormitory areas, accessible by front and back stairways.

Enrollment opened at about 50, but reached a peak of 100 during the winter. Classes were held for the most part in the morning, while students and faculty spent the afternoon hours going about the business of building a college on the tract of land purchased for that purpose and located a couple of miles from town.

The only apparent source of income to pay for those permanent buildings was the sale of **Christ's Object Lessons**; and for the first



The old Berrien County Courthouse (1839) complex housed administration offices, chapel, and classrooms when Battle Creek College was moved to Berrien Springs in the summer of 1901. Students lived in area residents' homes and in local hotels while they and the faculty went about the business of building permanent structures on the new campus a couple of miles away.

versity; they were uttered in desperation as a result of the years of trying to bring about in the Battle Creek situation the reform and purpose in education desired by its leaders.

And so, after locating suitable land in Berrien County, the college at Battle Creek was moved in 16 freight cars and relocated on 272 acres of wooded land to begin a new "school on a stump."

When the forerunner of Andrews University was relocated from Battle Creek to Berrien Springs in 1901, the school's adopted home literally became a college town almost overnight. The sixteen freight car loads of equipment were shipped to the village in mid-July and stored in every available empty shed and barn.



The Oronoko Hotel at Berrien Springs where some of the students resided during the first year after the college was moved to Berrien Springs. The hotel was formerly located at Bertram, Michigan, and was floated down the river to its new home at Berrien Springs.

two winters, students and faculty canvassed lower Michigan for days or weeks at a time. In 1903, it was reported the college had received \$22,000 from book sales. That amount, plus about \$12,000 received by selling the school's Battle Creek property, represented the original investment at Berrien Springs—a small beginning, indeed, for a physical plant today valued at over \$21,000,000.

By the opening of the second school year in 1902-03, three buildings were ready on the college property; a fourth took form in 1903. The latter, a study hall and administration building, measured 44 by 144 by 44 feet and was built at a cost of \$8,000 for lumber. Its ornamental, onion-shaped bell tower, an architectural style seldom seen outside former Russian Alaska, was a symbol of EMC (later named Andrews University) to students and alumni for 50 years, until the building was torn down in 1953.

While construction progressed, the crews lived in tents pitched in a pear orchard. It was semi-skilled help at best that undertook the building of the college. Student carpenters had difficulties especially in constructing the three-story domestic arts building, later known as Birch Hall or the girls' dormitory; when completed, it was 22 inches narrower at one end. But the building was sound and was used longer than any other structure on the campus, from 1902 until it was

torn down in the spring of 1968.

Begun in 1874 as Battle Creek College, moved in 1901 to Berrien Springs and renamed Emmanuel Missionary College, it was chartered as Andrews University in 1960 when the School of Graduate Studies and the Theological Seminary were transferred to the campus from Washington, D.C.

Last year it observed its 100th anniversary, an anniversary marking

the founding of the first major institution in an educational system that was to offer young men and women an education in the framework of the Adventist philosophy of a man to God-Creator relationship. Believing that man was created with a threefold nature—spirit, mind, and body—Andrews seeks to educate the complete person and to help him or her share a more abundant life with others.



Buildings come and go, but the river stays. The university is located on a bluff above the historic St. Joe River.



THE PROSPECTIVE STUDENT SHOULD KNOW ABOUT . . .

FRESHMAN ORIENTATION PROGRAM

The university conducts a program of orientation for freshmen, transfer, and foreign students during the week prior to the start of the autumn quarter classes. The program provides opportunity for the students to:

- become acquainted with the goals and objectives of the university
- receive instruction and information which will better enable them to adjust to a university
- counsel with advisers
- prepare a class schedule
- meet university staff and students on formal and informal occasions

Aptitude and placement tests are also administered prior to registration to assist students in their academic planning.

COUNSELING

Each freshman student at Andrews University is assigned an adviser specifically prepared to assist him or her in making a smoother adjustment to university life. The counselor will help plan the student's college program, will interpret test and inventory results essential to making wise choices, and will aid in laying realistic educational and vocational goals.

CAMPUS SERVICES

Numerous services have been established for the convenience of the students of the university and its community. They include the university

market, university book store, post-office, laundry, snack bar, barber shop, beauty parlor, lost and found department, and campus security.

HEALTH CARE

A well-equipped Campus Medical Center is staffed by qualified physicians and registered nurses. Regular clinic hours are held each week, and a physician is on call at all times. All services rendered at the Center, except for infirmary rooms and physical exams required for entrance, are free to residence-hall students.

CAMPUS MINISTRY

As a church-related college, Andrews University emphasizes personal religion and makes provision for its students to participate in activities which nurture spiritual growth. Two members of the pastoral staff from the campus Pioneer Memorial Church are involved in a specialized ministry of Campus Concern for students. This includes their availability for counseling as well as their participation with students in an active program of religious activities. Their offices in the Student Center Building serve to coordinate these varied programs through Christian Youth Action (the student religious activities organization on campus) and to provide helpful materials and information to the student who is interested in spiritual growth or involvement in some kind of religious activity.

Campus Clubs

Agriculture
Amateur Radio
Astronomy
Behavioral Science
Black Student Christian Forum
Business
Caribbean
Engineering
English
International Student Committee
Flying
Industrial Education
International Relations
Master Guide
Nurses Club
Photography
Pre-law
Pre-med
Ministerial
Modern Languages
Society of Andrews Scholars
Bicycling
Sigma Phi Delta
Kappa Phi Gamma
Health, Recreation, and Social Culture

FOOD SERVICE FACILITIES

The food service facilities are housed in the Campus Center. Four dining rooms—Badger, Hoosier, Lincoln, and Wolverine—seat approximately 900 students, and 75,000 meals are served there each month. The snack bar accommodates those who wish fountain and grill service. Dormitory kitchenettes provide facilities for small party groups.

Financial Assistance

Financial aid programs at Andrews have been established by alumni, friends, government agencies, and the university to recognize academic excellence and to help students who might not otherwise be able to finance their education.

The university has established other programs of financial assistance for those who do not qualify for high scholastic awards.

One such program is the Work-Study Program which allows a student to work his way through school. More than 1500 students are employed with yearly earnings of over \$1,000,000 in campus industries, campus businesses, service departments, and academic departments. Many undergraduates earn more than half their school expenses. Andrews is an equal opportunity employer.

CORRESPONDENCE DIRECTORY

Mailing address for all correspondence:

Andrews University
Berrien Springs, Michigan 49104

Telephone: (616) 471-7771

Address inquiries as indicated below:

Academic Matters—Dean of the College of Arts and Sciences or Dean of the College of Technology

Application for Admission—Director of Admission

Bulletin (indicate whether College of Arts and Sciences or College of Technology)—Director of Admissions

Transcripts and Records—Director of Records

Financial Aid, Payment of Accounts, Student Employment, Housing—Manager for Credit, Housing, and Labor

Social Affairs, Dormitory Regulations—Vice-president for Student Affairs

Testing and Counseling—Director of Testing and Counseling

Andrews Study Program

College of Arts and Sciences

Program Descriptions Compiled by Jan Hafstrom

Agriculture: A bachelor of science degree and an associate of science degree are the options for students wishing to study agriculture. Among the offerings are studies in soils, horticulture, landscape design, dairy cattle, farm machinery, animal science, feeds, crops, plants and flowers, and others.

Art: The bachelor of arts degree and the bachelor of science degree in the art department have courses in advertising, commercial art, drawing, painting, printmaking, ceramics, sculpture, photography, design, and printmaking. Students may also obtain teaching certification.

Behavioral Sciences: There are four majors in behavioral sciences from which to choose: social work, psychology, sociology, and behavioral science, a combination of the disciplines. BA's are available in these programs, with courses offered in anthropology. Courses provide a combination of theory and practical application.

Biology: The bachelor of arts in biology offers courses in genetics and cell biology, philosophical biology, parasitology, general ecology, herpetology, ornithology, mammalogy, entomology, embryology, paleontology, and other courses. The bachelor of science degree offers concentrations in both biology and zoology, and a minor is available. The biology department is involved in extensive research, and students may earn credit through work in the research areas.

Business Administration: Students may choose a business program leading to either a bachelor of arts or a bachelor of science degree; for the BS no minor is required. The department offers a wide background in business, accounting, management, computer science, and economics; and it encourages graduates to prepare for business positions within the denomination, although the student is qualified for many types of employment.



Dr. Dwain Ford, dean of the College of Arts and Sciences.

Chemistry: Housed in the newly opened, multi-million-dollar Science Complex, the chemistry department offers majors leading to either the BA or BS degree. A minor is also available.

Communication: Majors and minors may follow a pattern of courses in three areas—communication, mass media—with emphasis in journalism and radio—or speech pathology and audiology. In addition to regular classroom instruction, communication students participate in student publications and the on-campus FM radio station WAUS.

Education: Students who choose to major in elementary education also choose a second major or group major and a minor in an appropriate field.

Seventeen subject majors are available to the student working toward a BA and secondary teaching certification; four subject and four area majors are offered for the BS curriculum. One of the largest departments on campus, the education department provides directed teaching for all students receiving teaching certification each year.

English: Two bachelor of arts degrees are available, one in English and one in teaching English as a second language. For elementary education majors, a second major in English is also available, as well as an elementary education English minor. The English department sponsors an English tour overseas every other year.

For more information write the department.

Geography: Minors are available in both geography and Latin American studies. Field tours offer the opportunity to travel and study simultaneously.

History and Political Science: Bachelor of arts programs are available in both history and political science; minors are given in each field. This department, too, offers enriching, off-campus tours with academic credit. It is especially equipped to do research and teach in denominational history.

Home Economics: Home economics, interior design, and food and nutrition majors are offered. In addition, the student may combine the study of home economics with either an elementary or secondary education curriculum.

Library Science: A concurrent major in one subject in the humanities, sci-

ences, or the arts is required for a BA in library science. The program is designed for candidates with teaching certificates who wish to qualify as teacher-librarians and those who want to pursue a pre-professional curriculum in preparation for advanced study in library science.



ences, or the arts is required for a BA in library science. The program is designed for candidates with teaching certificates who wish to qualify as teacher-librarians and those who want to pursue a pre-professional curriculum in preparation for advanced study in library science.

Mathematics: BA and BS programs are outlined. A concentration in information science is also available, leading to a BS degree.

Modern Languages: Majors are offered in French, German, and Spanish. A modern language laboratory

is provided with facilities for practicing the language. The modern languages department is also involved in the Intensive Language Training and Cultural Orientation Program (ILTCOP).

Music: The department of music is a full member of the National Association of Schools of Music. Students desiring to teach on the secondary or college level usually enroll in the bachelor of music curriculum in Music Education or Performance. Also available is the bachelor of arts degree with a major in music and the bachelor of arts or the bachelor of science degree in elementary music education. All musical organizations are open to students as is instruction in voice, piano, organ, and all wind and stringed instruments.

Nursing: Behind the nursing program is a philosophy of Christian love and understanding that gives

AU nursing students a unique outlook on their profession. The baccalaureate program is designed to combine a broad background of liberal arts and the sciences with the application of professional techniques. AU has a strong health emphasis program instead of a disease emphasis. Expanded skills are taught for determining the level of health of an individual in a physical examination.

Physical Education: To officially become a physical education major or minor, a student must make application on the official form provided by

the department chairman. A student must complete one quarter at AU and show scholarly effort and achievement, successfully rank in a physical fitness test, show a good level of proficiency in general motor skills and specific sports skills, and have a proportionate body stature in relationship to body type. A student should have continued participation in intramurals. PE can also be a second major for the elementary education student; minors are available.

Physics: Classrooms and laboratories in the Science Complex offer modern facilities. Study in the physics department may lead to a BA or BS degree, and a BS in biophysics. A minor is also offered. Students may become involved in research in X-ray diffraction amorphous semiconductors studies, and in research at the Argonne National Laboratory in Illinois.

Religion and Biblical Languages: Pre-Seminary programs are available, as well as a concentration in secondary education. Majors and minors are offered in religion and in biblical languages. Religion majors are encouraged to be actively involved in



Shadow scope helps student pace reading.

campus outreach programs. The department is also allowing students to participate in examination and research of ancient Greek New Testament manuscripts.

Secretarial Science: Two majors are offered: the BA in secretarial science and the BS in medical secretarial science. A minor is available. An associate of science degree with secretarial science option is offered as well.

Andrews Study Program—Continued

College of Technology

Program Descriptions Compiled by Jan Hafstrom

Industrial and Engineering Technology

The engineering program offered by Andrews University is part of an integrated four-year professional engineering program leading to a bachelor of science in engineering degree. The first two years are offered at Andrews University and the final two years at Walla Walla College. Options are available in civil, electrical and mechanical engineering. The curriculum at Walla Walla College is developed by the Engineers Council for Professional Development. A minor in engineering is also available.

Engineering Technology is that area between the engineer and the skilled craftsman. It is primarily design-oriented, and the educational requirements require less mathematical expertise and include more skill-type training than engineering.

Degrees include a bachelor of engineering technology and an associate of engineering technology. Concentrations and options are available in architectural engineering technology, design, construction, plant management, electronic engineering technology, mechanical engineering technology, heat power, and mechanical design. A minor is available in electronics.

Industrial Technology is the area between the skilled craftsman and management. It includes both two-year and four-year programs. The two-year programs are primarily skill, or production-oriented. The four-year programs add facility in business and management to the technical skills.

Degrees offered are the bachelor of industrial technology, and the associate of industrial technology. Concentrations and options are available in architectural drafting technology, building construction technology, graphic arts technology, commercial art, printing, and mechanical tech-



Dr. William Davidson, dean of the College of Technology, explains an idea to student Robert Lang.

nology. Minors are available in building construction, drafting, and mechanical arts.

Industrial Education

Degrees offered in the industrial education area include a bachelor of science major in industrial education, an associate of science concentration in graphic arts with an option in commercial art and in printing, a minor in aviation, graphic arts, and industrial education.

Courses offered in industrial education may be chosen from aviation courses, driver education, general industrial education, graphic arts, industrial crafts, and mechanic arts.

Occupational Education

Occupational Education skill-credit programs are designed to train persons in an occupation or a career. Most programs are one year in length, some require an internship in addition to that year. A certificate of attainment is offered in these areas:

Agriculture: Dairy, Farm Crops, Horticulture.

Auto Mechanics

Aviation: flight, maintenance technician program

Carpentry

Clerical Training

Computer Training: key punch verifier operator program, computer operator program, computer programmer program, and systems analyst program

Cosmetology

Diesel Mechanics

Electrician Training

Masonry

Plumbing

Printing and Graphic Communications

Quantity Food Preparation

Radiator Repair

Refrigeration and Air-conditioning

Sign Painting

Upholstering

Welding



Sedatives not recommended for the course!

Cartoon by Mike Battenberg

New Degrees This Fall in College of Technology

Aviation

An aviation concentration is offered under the bachelor of industrial technology degree program in the College of Technology.

The four-year concentration builds directly on the existing associate program which has options in both flight and maintenance.

A graduate of this program would be a professional pilot and a licensed mechanic, and would have a broad enough background in business administration to enable him to handle the average fixed-base operation. Although a primary objective of the program is to provide a solid background for mission service, the graduate would have a premium, salable skill in the aviation industry. The program is ideal preparation for the operator of a small flight program at an educational institution.

Computer

New computer-related instructional programs offered by the College of Technology include a concentration in computer technology offered under the engineering technology degree format, and also a concentration in computer information systems. Both programs are available at the associate degree and baccalaureate degree levels.

The computer technology program is aimed at training people who are

knowledgeable in both computer hardware and computer software. The primary goal is to produce students at the baccalaureate level capable of computer hardware and software systems development and maintenance. The associate degree, offered as an intermediate step, provides the job-entry-level skill needed for scientific programming.

The computer information systems program is a two-year concentration in computer-related courses designed to give the student the skills needed to begin a career in business applications programming.

Industrial Management

A bachelor of science degree concentration in industrial management is now being offered. This concentration is inter-disciplinary in nature involving the departments of business administration, mathematical sciences, engineering, and industrial engineering technology.

People trained in industrial management are needed for employment both by the church and by industry in general. The employment of graduates of this type program should improve the quality of production management in the various industrial enterprises of the church—food factories, printing houses, and educational institutional industries — and should improve also the efficiency of system and plant operations in vari-

ous church institutions. The program also prepares persons to work in the production phase of American industry.

Agriculture

While the total number of farm jobs in the United States is decreasing, the need for skilled technicians on the farm is ever increasing. As mechanization replaces men on the farm, it also creates the need for people who understand modern farm operations. Besides employment on the farm, there are many opportunities for employment in agriculturally related businesses where people are needed who, besides having a knowledge of agriculture, also have a knowledge of technology and business.

Accordingly, two new programs are being offered in agriculture through the College of Technology.

One is a concentration in agricultural equipment technology. The other is a concentration in agricultural technology. Both concentrations are available for the associate and the bachelor of industrial technology degrees. The additional two years for the bachelor of industrial technology degree are used to provide the student with a wider breadth of general knowledge and substantial knowledge in the area of business administration.

Andrews Study Innovations

AU Sets Pace for Changes

New Angle in Nursing

The sophomore nursing class at Andrews University has become involved in a new aspect of nursing. Health assessment has always been a small part of the nursing function, but the new program consists of not only physical examinations but also family, community, social, and mental status assessments.

Carol Easley, AU nursing instructor, said, "AU has one of the first programs to teach physical assessment to nursing students on the



Seeing eye-to-eye. Photo by Jan Hafstrom

undergraduate level. We are hoping to make it a more extensive program, involving upper-division students as well." On the graduate level there are quite a few nurses being trained in diagnoses and management programs in other universities, and Andrews is investigating the possibility of having a similar program.

Students in the sophomore class are learning to use ophthalmoscopes and otoscopes in eye and ear examinations, and stethoscopes to examine heartbeat and respiration.

The nurses are also being trained to feel for abnormalities, such as enlargement of the abdomen and other parts of the body, using palpation and percussion techniques.

The nursing students are actively involved in the program and enjoy this aspect of their training. LaDonna



Listen alike. Photo by Rob LeBard



Operation Heartbeat. Photo by Jan Hafstrom

Blum said she appreciates the class because, "We're learning how to be a total nurse, meeting the needs of a total person, looking at him or her as a human being and not just as someone with a broken arm."

Because of a scarcity of physicians, there eventually may be the pos-

sibility of nurses having their own independent health assessment practices, and this preparation at Andrews is giving the students a head start in anticipation.

Study Innovations — continued

Klein's Crusade — "A Place for Everyone on a Team"

By Randolph Neall

One might have expected Dan Klein, physical education chairman, to mention, at least, his crusade during his chapel talk Tuesday, March 11. He had in his hand nearly 1,000 potential supporters for what will certainly be an uphill fight against nothing less than one of the most powerful currents of American culture.

The talk was, instead, more about the "body of Christ"—the Church—than about physical bodies as such. The joints of that body were people, not osseous joints. And Love was the lubricant that kept the joints from seizing up.

That lubricant, Klein said, must not run dry when we encounter persons to whom we are not naturally drawn. He added that we need the ability of Christ "to look at people for what they may become through the transforming power of His Spirit."

That was it. It was time to go.

On second thought, however, that really **was** it, actually nothing short of a manifesto against what he views a deadly threat to that Christian ability to love all men: the competitive desire to win at any cost.

That desire, Klein said in an interview, can destroy the very core of one's Christian experience. "It kills the desire to be Christlike. We're far from the ideal pattern suggested by Ellen White," he said.

By that pattern, health, not defeating others, should be the aim of recreation. Activities should provide the health that creates sound minds able to appreciate and desire spiritual things, Klein believes.

"I think backpacking, sailing, and the like—small group activities that bring people together for fun and recreation—should be our emphasis. I really think that the ideal life is the outdoor garden life. We are after the best substitute for that."

Klein wouldn't have said that back in high school, when he was asked to join a men's baseball team that later

won the Michigan championship. But at Andrews, both as student and teacher, his thinking gradually changed.

Signs of that are already apparent on floor and field. Now, any person who signs up for intramurals is guaranteed a spot on a team; the games are no longer dominated by an expert elite. Eight-man football has given way to six, "to eliminate

some of the head-knocking on the line." More than ever, faculty and staff are encouraged to participate and to lend, where possible, mature leadership to the games.

Wins and losses are recorded, but not top scorers. Trophies and cleats (Klein says they're not only dangerous, but also an "ego thing") are out. Competitive sports are no longer offered to non-majors.



Photo by Rob LeBard

FOCUS



For the most part, however, the games are basically unchanged; football is still football at Andrews University. And as long as there's a scoreboard at all, it's going to be desirable to win, bitter to lose.

Accordingly, there may be more changes to come, but Klein is not sure which. Intramurals will stay, he says. But some of the games may be modified. One possibility is what he calls "fleetball," where one is allowed to pass the football as many times as he wishes from anywhere on the field.

So far, Klein has changed a lot more minds than rules. There's Ron Barts, for instance, the junior PE major who refused several basketball scholarships to study at Andrews.

"Sports was my life," he said, and "at first I was dead set against their ideas here about competition. What changed my mind was when I learned that Doc [Klein] was not out just to drop things from the

program. He was after a real problem. You can't develop a relationship with God while hating the persons you're playing against.

"Doc has gotten me a lot closer to God," Barts said. He still thinks the fleetball idea is a bit far-fetched. "But," he said, "if Doc puts it over, that's fine. If he takes something out of the sports game, he'll put something into it." And, he added, "Christ is a lot better than any game."

Chana Smith, a sophomore PE major, is still as competitive as ever. "There was a big focus on this competition thing last year," she said. "Many of the kids were starting to take it up. The issue really came up big in physical education administration class last year. We were to study the book *Education*, and Dan Klein assigned a paper on competition."

Chana argued for competition and got an A. "At least he was open-minded," she said.

In that concession, Chana, probably in the minority, touched on what may have carried the day for Klein. Though director of the sweatiest, tight-muscled program on campus,

there is amazingly little of the sergeant in him. He asks more questions than he answers. Urbane, dapper, and even eloquent, he'd be top billing for a girls' dorm worship—if not a Saturday night program.

Whatever his way of approaching the controversial issue, Klein's graduate seminar students, future PE teachers, all, plan to substitute health and recreation programs for at least some competitive activities when they're on the job.

Klein advises them to move slowly, diplomatically. "Don't make changes just to be making changes," he told them. "Jesus didn't condemn; He worked with the lowest of the low."

"But," Klein added, "you might be faced with a choice between your job and your eternal salvation. You're the one where the buck stops. You will have to answer before the judgment bar of God."

Though Klein and other teachers draw largely from Ellen White to make their case against competition, their arguments are actually little different from those being increasingly voiced by secular authorities throughout the nation. More



Fun for Everyone!

Study Innovations — continued

New Keyboard Education

The Andrews University music department has won the backing of the National Association of Schools of Music for a program as yet untried anywhere else in the nation, said department chairman Paul Hamel.

It's called "A Five-Year Curriculum in Keyboard Music Education," a program that gives emphasis to piano and organ training preparatory to K-12 teaching certification.

As a rule, public schools teach only band and choir and do not require of a music teacher skill at either piano or

organ, Hamel said. But Seventh-day Adventist schools, where most AU music grads are employed, need teachers competent at both.

Under the program, the college freshman selects piano or organ as his major instrument, the other as the minor. On a lower level, he chooses between voice and instrument, choir and instrumental ensemble directing.

Then he advances through five years of integrated training. He earns a bachelor of music degree the fourth year and a master of music, the fifth.

Each year he must attain a given level of ability on piano and organ, up to level five for the major instrument. At this level he is expected to give at least one hour-long recital from memory, to improvise, transpose, and meet other advanced requirements.

The music faculty here began to shape the program over two years ago. And though the association's approval came only late last year, several students, anticipating the approval, will graduate with the bachelor degree under the program next year, Hamel said.

Social Work CSWE Approval

Andrews University is the only Seventh-day Adventist school to have its program in social work approved by the Council on Social Work Education, and is one of only nine approved schools in Michigan.

The social work program at A.U. consists of a combination of theory and practical applications. During the first three years, the student studies the theories, gets a broad general educational background, and is involved in role-playing situations. He does some volunteer work in the community which later may help determine his particular emphasis in social work. During the student's senior year he works for one quarter in a social work agency, or some related situation under the direction of a trained social worker, learning to apply his theory.

"To round off the background of social work," associate professor of sociology Dr. Kistler says, "There is a weekly seminar in which students present their problems and solutions in their work in the agencies. Thus each is able to cross-fertilize ideas

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SPORTS, from page 15

Teacher magazine, for instance, the professional journal for secondary teachers, argues that competitive sports cut participation to a bare handful of hundreds of willing players. Thus, those who really need physical activity and skill training don't get it. Furthermore, the magazine says, students should be trained more for health than for winning. They should learn individual activities that they can use throughout life to promote health.

This is exactly what Klein is working for. "Get them outside," he says, doing things for fun, recreation, health, spiritual perceptiveness, sound minds. That, he said, is the true goal of physical education as spelled out in inspired writings.

Since 1972, statements against competition in physical education textbooks have become almost routine, says Ingrid Johnson, associate professor of physical education and health. For example, the book, *Issues in Physical Education and Sports*, by George M. McGlynn, observes that competition spurs only habitual winners to full effort. "Should not we concentrate more on our teaching of motor activities, on the pleasure of doing, and less on the value of winning or the threat of failing?"

Further: "Sports can be as personally and socially constructive as other forms of human competence, provided the satisfaction lies in the perfecting of skill rather than in the defeating of others."



Andrews Individual and Acceleration Programs

Honors Program

The honors program is designed to provide special recognition and opportunities for students of high scholarship who give evidence of their ability to do independent study or research. Andrews Scholars have opportunities for both enrichment and acceleration in their educational experiences, intellectual stimulation through interaction among themselves and with teachers, and recognition of their achievements.

The principal criterion for admission into the Honors Program for a freshman (in addition to the regular requirements) is a grade point average of 3.25. Transfer students may also apply for Andrews Scholar status, and acceptance is contingent upon a gpa of at least 3.0 on all college-level work.

An Andrews Scholar can graduate with honors by completing a program that includes honors courses offered by various academic departments, keeping up his gpa, showing outstanding competence in his area of specialization, and being recommended by the Honors Committee.

An interdisciplinary honors seminar introduces upper division Andrews Scholars to a wide range of research projects presented by fellow students. In addition to the academic enrichment offered by the program, social activities add pleasure and prestige to the honors program.

Dr. Merlene Ogden, professor of English and chairman of the Andrews Scholars program, speaks at the microphone at an Honors Students Supper Club.

Senior Presentations for Honors Program (Winter Quarter)

Gary Hamel	An Investigation into the Persuasibility of Three Collection Tools at Andrews University
Ron Beach	Design of a Computer Based Information System
Viveca Black	The Philosophical Motivation of Henrik Ibsen
Karen Warren	The Hospital Situation of Family Members in Foreign Adventist Medical Organizations
Fred Christiansen	Artificial Intelligence: Heuristic Modeling of the Game of Nim
Wayne Fleming	An Empirical Investigation into the Effects of Military Service on Seventh-day Adventist Veterans
Ray Smith	The Effects of Chlorinated Treatment Plant Effluent and Chlorine on Pollution Indicator Bacteria in the St. Joe River
Marcia Cowley	Manabozho: The Culture-Hero of the Algonquin Indians
Paul Koles	Implications of the Witness to Creation in Genesis 1 for a Compatible View of Scientific Methodology and the Biblical Testimony
Gwen Flagg	Adventist Criticism of Stalin's Regime, 1927-1937
Reinaldo Fuiz	Transfer of Flowering Stimulus from Induced to Non-induced Plants by <i>Cuscuta</i>
Diann Grant	The Effect of Positive and Negative Visual Stimuli on Mood, Cognitive Functioning, and Activity Preference
David Dassenko	Hybridization Changes of N-(4-nitrophenyl) Piperidine
Carolyn Phillips	A Comparative Study of the Ancients' Views of Time and History which Influenced the Symbols and Concepts Utilized in the Old Testament



CLEP

Andrews University participates in and offers the College Level Examination Program (CLEP) to give students a chance to show they have the equivalent of some college education even though they have not attended college.

A potential student may have more education than is certified by diplomas and school records, or be entitled to more college credit through the CLEP examinations, which test knowledge of the area in which the student feels competent.

CLEP examinations in college subjects are given in many conveniently located centers in every part of the United States. Anyone may register and, for nominal fees, take one or several of these examinations. CLEP does not grant college credit itself, but Andrews will offer college credit on the basis of the CLEP scores, as do approximately 900 colleges in all 50 states. Businesses, industries, government agencies, and professional groups, too, let people use these tests to meet their educational requirements for advancement, licensing, admission to further training, and other benefits.

CLEP was originally conceived to serve postsecondary students who acquired certain kinds of knowledge outside the usual formal educational channels, those who did not move directly from high school to college but learned through correspondence and university extension courses, educational television, adult education, on-the-job training, and independent study. That is still its main purpose, but many colleges and many students enrolled full time in them have found uses for the examinations, too.

Growing numbers of college entrants are getting college credit before attending their first class—a whole year's worth of credit is common—for CLEP examinations taken at the time they enter. For them the saving is not only a year's tuition and fees and other expenses but also a year's time in the pursuit of their educational goals. Students already attending college are, in some institutions, meeting their general education requirements by means of CLEP examinations.

College Credit Granted For Off-Campus Projects

College credit for off-campus projects and experience is new this year at Andrews. According to Dr. Dwain L. Ford, dean of the College of Arts and Sciences, up to 15 credits may be obtained for summer work which is related to the student's academic program.

Students who anticipate working at a job where they expect to gain a special educational experience through the work can check into the possibility of getting credit in this program. Also those who have to drop out of school temporarily for financial reasons may be able to earn credit while working and studying independently in a learning job. Student missionaries are also eligible to receive credit.

The special credit is paid for at the normal rate per hour upon registration to receive the credit. Approximately 30 hours of study are expected per credit granted, said Dr. Ford.

Students should make application for approval to Dean Ford. A.U. students who were student missionaries before June 1 may contact Dean Ford for possible retroactive credit.

SOCIAL WORK, from page 16

and theory to solve problems. Each student becomes aware of a different perspective through these programs. Sometimes we tend to apply our opinions from a middle-class perspective. This way the student is made aware of needs that have or have not been met from all of the different perspectives in society.

Upon graduation a major has many fields of work to choose from, including social service, medical work, teaching, dean's work, and probation work. One recent graduate is working for the Internal Revenue Service and another, for the Social Security Service. Graduates frequently decide to go on for further training.

In conjunction with the classes offered, the department has set up a laboratory consisting of three rooms. Each room has a one-way window and can be seen from a control room containing special equipment including television monitoring screens and

Honors Program Presents World Crisis, 1975

"The World in Crisis, 1975," a series of lectures presented through the Andrews University Honors Program, was conducted January 28 to February 26. Keynote speaker for the series was Dr. Samuel Clark, professor of political science and director of the Honors Program at Western Michigan College. His topic, presented at the Andrews Scholar Supper Club, was "The Disaster of Success."

Nine other speakers participated in the Crisis series, according to Dr. Merlene Ogden, professor of English and director of the Honors Program at Andrews.

An all-day session, January 29, featured Dr. Erwin Sicher, "Russia seen from a Distance"; Dr. Paul Hamel, "The Russian and His Music"; Dr. Larry Geraty, Dr. James Kritzeck of Notre Dame University (speaking on the Arab world), and Kenneth Oster, "Crisis in the Middle East."

Other Crisis topics were: "Five Challenges for Latin America," Dr. Humberto Rasi; "The Role of Communist China in Today's World," Dr. Eugene Hsu; "Issues before the People of Southern Africa," Professor Francois Swanepoel, Oscar Francis from South Africa, and Solomon Mathama from Rhodesia; "The People's Republic of China," Professor Larry Robbin of the University of Wisconsin at Milwaukee; "Stresses and Strains in Western Europe"—panel discussion: Dr. Richard Schwarz, Dr. Samuele Bacchiocchi, Professor Pietro Copiz, and Dr. Gottfried Oosterwal; "The United States—the Perils of Prosperity," panel discussion: Dr. Donald Adams, Dr. Gerald Herdman, and Dr. Gary Land.

audio and video recording equipment.

One of the rooms is to have special equipment for testing an individual's responses to changes in humidity, light, and smell. Another room is regularly used by students for role-playing, in which the student assumes different identities and emo-

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Chance to Study Abroad This Summer - June 9 to August 9

Andrews University is offering students planning to study art, history, Spanish, German, or French a chance to earn up to eight hours of credit in Europe this summer, from June 9 to August 9.

With art and history combined into one tour, there will be four tours in all, costing from \$1,375 to \$1,712 each, depending on the tour and course selection. This includes the cost of tuition, transportation, hotels, meals, and entrance fees.

History-Art Tour

The history-art tour will take in France, Spain, Yugoslavia, Rumania, Hungary, Austria, Czechoslovakia, Germany, the Netherlands, and particularly Italy, with its Renaissance art.

During the tour, Greg Constantine, chairman of the art department, and Erwin Sicher, associate professor of history, will direct such courses as Renaissance and Reformation, World Civilizations, and Art in World History.

There will be opportunity to explore the remains of ancient civilizations, monuments of medieval and reformation piety, and the works of the greatest artists of Western civilization, said Constantine.

French Tour

French students will spend most of their time at Collonges, France, which overlooks the Swiss city of Geneva and Lac Leman. Short excursions within France and to neighboring countries are also planned. Professor Andre L. Rochat will direct this study tour.

German Tour

The German tour will include three weeks of classes in both Darmstadt, Germany, and Bogenhofen, Austria, with field trips to castles, walled medieval towns, and major cities in both countries. Professor Wolfgang Kunze, of the AU modern language department, will head the German tour.

Spanish Tour

Classes for persons on the Spanish tour will be held in seven cities in

Spain: Santander, Salamanca, Madrid, Cordoba, Granada, Valencia, and Barcelona. Field trips will include other Spanish cities. The tour director, Humberto Rasi, is chairman of AU's department of modern languages.

The language tours each offer three courses: intermediate language class for persons with one year of college credit in the language; a modern language field conference, involving travel to places of cultural interest, lectures, readings, and reports; and for those qualified, independent readings for special problems in the language under study.

The Transatlantic flight for all tours will begin at Chicago on a DC-8, chartered by the Council on International Educational Exchange. In Europe, nine-passenger VW buses will be used on all tours.

Applicants should pay a \$100 deposit immediately. The balance is due May 15. Courses may be audited.

Direct questions to the appropriate tour director, Andrews University, Berrien Springs, MI 49104.

STUDY TOURS

Several academic departments offer study tours that combine sightseeing with studying. Under the guidance of competent teachers, students can take advantage of opportunities to absorb the geographical and cultural aspects of other parts of the world. In addition, field schools in biology and geology are held during the summer quarter.

English Department Sponsors New England Tour

The English Department at Andrews sponsored an American Literature field trip to New England during spring vacation. The trip included visits to several places connected with Emerson, Thoreau, Hawthorne, Longfellow, Winthrop, Bradford, Franklin, and others.

The touring group visited several historic cities, including Boston, Plymouth, and Pittsfield. They saw Walden Pond, the Old Manse, Hawthorne's Wayside, Emerson's home, the Antiquarian House, the Old North Bridge, Sleepy Hollow Cemetery, Thoreau's birthplace, and other places of literary and historic importance and interest.



AU Center For Oc Ed

By Dave Connors—senior,
mass media

Mel Andersen has been director of the Occupational Education program at Andrews University since it started in 1971. Formerly a teacher in AU's industrial education department, Andersen, in talking to potential students, realized more and more they were leaning away from the conventional, four-year college program.

"I just can't stand to face another four years of classroom education," secondary-school graduates told him. Many were planning to quit school and try to get a job at a trade. Others were planning to go to community colleges.

But these students, Andersen realized, were Christian young people with a right to, and a need for, a Christian education. And so in his mind occupational education at Andrews was born.

Greg Tolson, from Detroit, decided to take the occupational food preparation course at Andrews because he felt there was a definite call for vegetarian cooks inside the church organization and outside of it. Part of his course involves working in the kitchen at Andrews—15 hours a week, in fact. The rest of the time, when he is not taking the few required core courses, he works in the kitchen for pay. He likes the course because he will be finished in a year and out doing what he likes—cooking food. Eventually, when he feels he is ready for it, he plans to go back to college and earn a conventional four-year degree in nutrition or dietetics, but right now, what he wants to do is to finish his course and make a little money. In his spare time, Greg likes to create things—paintings, for instance, and terrarium plant arrangements. In the cafeteria, he says, he finds plenty of room to exercise his creativity in other ways.

The administration was a little worried about the occupational education program at first, says Andersen. But the program received the impetus it needed when a member of the Adventist lay population offered to guarantee the salary of the director for the first year if necessary; but, "Please," he said, "get the program going."

Me? A Mechanic?

Photos by Dave Hittle



John Watkins, instructor in mechanics, discusses the anatomy of the new auto diagnosis machine with Oscar Tanguay.



Powder-puff mechanics Kit Hartbauer and Deanna Glindmeyer, respectively, check the oil and tighten the nuts and bolts after changing a tire.



Dan Caswell and Oscar Tanguay use the diagnosis machine to see how this car ticks.

And so it got going. Andersen said he had hoped to get 50 students in the program the first year. The administration predicted 30. There were 59. With that start, the program has been going strong ever since. In 1972, the enrollment went up to 71 students. This year it stands at 85, and the program has expanded in other ways. There are now available 24 concentrations from masonry and plumbing to computer programming and aviation. Two new courses are to be added in the autumn of 1975: diesel engines and refrigeration.



Norman Wright checks out an electrical system.

Carol Renninger stayed at Andrews when her parents moved from Berrien Springs to Phoenix, and decided to take computer operations. She's not sure that is what she wants to do for the rest of her life, but she wasn't sure about any other career either. She picked computer operations mainly because of the tremendous job opportunities available when she graduates from the course. To supplement her classes and work training in the AU computer center, Carol attends the free courses offered at Andrews in the APL, Basic, and Fortran computer languages. Carol says she may go on to college eventually, or perhaps become a computer programmer. She has lots of time to decide.

Andersen finds his rationale and his philosophy for the program in Ellen G. White's book, **Fundamentals of Christian Education**: "The hope of advancing the cause of God in this country is in creating a new moral taste in love of work, which will transform mind and character."

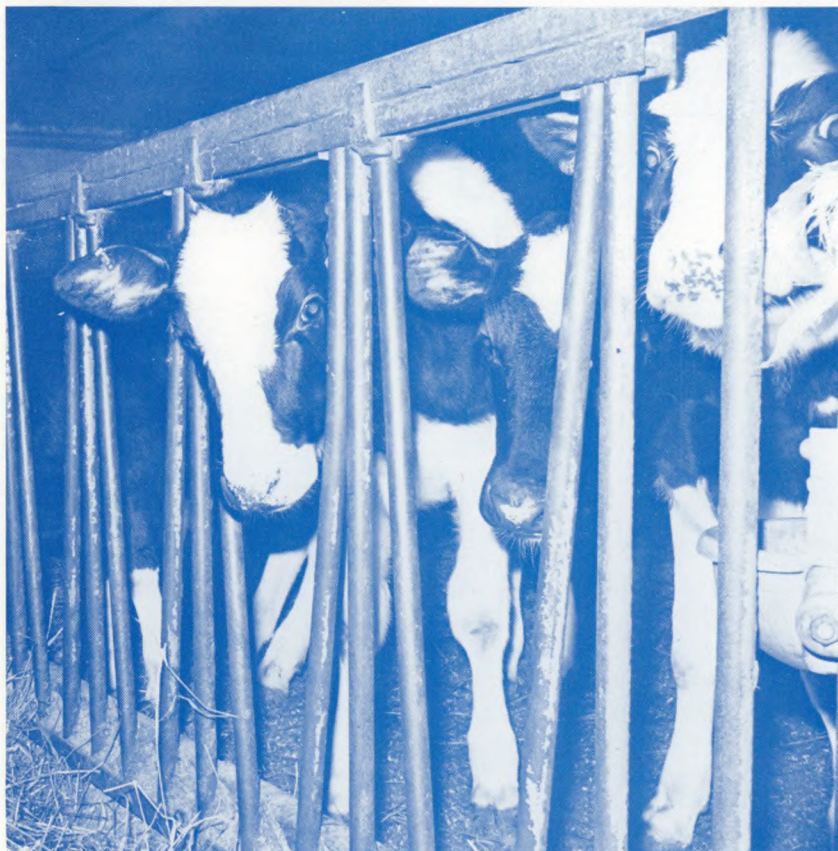
Most of the students enrolled in the Oc Ed program go on to find work in the church institutions, says director Andersen, but many who do not take employment in the church have a very special opportunity for witnessing. "If we can train these folk to work hard and



For aviation instruction, Andrews University owns 8 planes: a Cessna 140, two Cessnas 150, a Cessna Skyhawk, Cessna 182, a Cherokee 180, an Army Beaver, and a Navion. Photo by Gary Jarne

well, and in so doing witness for Christ, then we've done what we're supposed to do."

Dean Snow lives with his parents near the campus of Andrews University. He said he considered going to college when he graduated from academy, but he could not see spending four more years in classrooms when what he really



Special Issue 1975



Bob Esh, Special Instructor in Sign Painting, helps student at drawing board.

The university dairy maintains a herd of 605 Holstein cattle, with milking cows producing 12,500 pounds of milk per day; per cow it averages 13,600 pounds of milk a year. At present there are 167 calves. Photo by Gary Jarne

enjoyed doing was auto mechanics. So he enrolled for the course in occupational education. Dean has always enjoyed working with his hands. Besides his work in auto mechanics lab, where he and others work on cars that are brought in for repair, he is currently laying carpets in the evening and taking a course in upholstery at night. About his future plans, Dean says, "When I graduate from this course in auto mechanics, I hope to work somewhere where I can be honest."

Mel Andersen feels that the main reason the occupational education program is so successful is because of its shortness. The required classroom courses are kept at a minimum: Christian Witnessing, Communications, Succeeding in the World of Work, and Introduction to Business are required courses. There are an additional 6 credits of remedial help in math and reading improvement available if needed. The rest of the required hours are spent in actual job training. "This way a student is out of school quickly with practical job training, can get a high-paying job, and in the meantime may find an Adventist girl to marry—and we have another Adventist home on a firm foundation."

Danny Caswell came from Holly, Michigan, to take the carpentry course in occupational education. "My brother kind of scared me when he told me about how every hour spent in classes requires 2 hours of homework. I've always liked working with my hands, and since my parents wanted me to go to college for at least one year, I decided to take carpentry." When he arrived on campus in the fall, Danny and his roommate, who is also taking carpentry, got a job off campus framing houses. Danny also enjoys cabinet making in his spare time. He has no definite plans as yet for the future. However, his roommate has—he's getting married.

Besides Mel Andersen, there are two other full-time instructors in the program at present. A new man will be joining the department next year to teach carpet laying and masonry. Andersen says he would like to have a larger full-time staff, but a small staff means smaller tuition costs and that is what he really wants.

Instead of hiring a large full-time staff, the occupational education department buys the services of local establishments. For instance, students in cosmetology work under the aus-



Extracurricular.

pices of local beauty salons, and students of graphic arts work in the University Press.

The productivity of the students in these courses is used to reduce tuition costs; but even so, tuition runs close to \$2,400 for the full year. It's a lot of money, but Andersen sees it this way: "If you spend the money on a car, it immediately begins to depreciate. If you invest the same money in occupational education, its value can only go up."



THE GLAD GAMES — played by Andrews Pollyannas

By Vickie Hyde and Sue Meyer, Student Missionaries in Africa

Of course the girls are stomping out tribal dances after lights out. But then they dance at every chance. Soon another girl will knock and say in a practiced voice, "Miss Hyde, Miss Meyer, come quick! Isatu's fainted in the courtyard, Adinor is under her bed screaming, Nadia has malaria, Marie fell out of bed and sprained her wrist, and I've been coughing up blood!" Twelve vultures live on the dorm roof, but that isn't surprising, either. In fact nothing is surprising anymore—not even the fact that we're in Africa.

★ ★ ★

We watched the plane as it slipped from sight. It had been one of those golden summers. The kind that usually happen only in dreams and fairytales. Twelve weeks in Europe! The reality of it was disappearing as fast as the plane. As we boarded a train bound for London we couldn't help being just a bit envious of the 35 tour members who were headed for home.

★ ★ ★

It all started one day at Andrews. In fact we were eating lunch in the cafeteria. "You know Vic, I've always wanted to be a student missionary." I finished swallowing the leftovers and indicated I felt the same way — you know those dumb things you say to keep your friends happy.

But Sue wasn't in a joking mood. "Let's go down to Campus Ministry soon as we finish and tell 'em we want to go someplace."

Half an hour later we left the CM, well on our way toward becoming SM's. It was rather uncanny the way they had that call for two teachers which seemed to be just for us.

Becoming a student missionary can be a rather hair-raising experience. First it's the two private interviews—then that screening committee . . . you put on your longest dress and your white helmet and march bravely into a room of 30 "Know-it-all's who've been there." Then they start firing questions like, "Are you a women's libber?" "What would you do with a bowl of blood pudding?" "Do you like snakes?" I mean, you were scared before you went in, but now you feel like one in 20,000! Then there's the agony of waiting—not to mention the physical agony—shots for typhoid, cholera, yellow fever, small pox, diphtheria, typhus. . . .

Of course, all the money you need isn't from the sky in buckets—you've gotta' slosh 20 miles in the rain [Walkathon] to get it!

Before we finally flew to Europe on June 10, there were many times we didn't expect to go anywhere. We worked, prayed and begged until finally the necessary funds were scraped together.

The rest of the school year was a hectic mess. We'd sent in our visa applications in February but nothing had come back. We were working on plane tickets, passports, final exams,

six term papers, recitals, and nursing contracts while we tried to hold our jobs and our sanity.

On May 28 we headed home to Maryland and a heavy 12 days of final preparation. The Sierra Leone Embassy said our visas would be at the Sierra Leone Consular's office in London by early June. We had no choice but to leave without them. June 1, I had four wisdom teeth removed. June 9, we packed; and June 10 we cried a bit as we flew out of National Airport to meet the tour in Montreal.

★ ★ ★

We arrived in London's King's Cross Station at 3:00 a.m. with 80 pounds of luggage and aching bodies. We stayed in the ladies lounge 'til 7:00 and matured a bit watching the kinds of people we'd always been sheltered from. It was August 28. We had gone to the Consulate in June, but he'd never heard of us. He said to come back later. We had sent Mrs. Leigh — an SDA travel agent — on our case, but still nothing happened. We were to report in Sierra Leone on September 10, but we couldn't go without visa approval.

Our parents had sent us some money, but two weeks later our funds were getting low. Several times we went to check on the visas, but Mrs. Leigh had received no answers to her cables. Our departure day had come and gone. We were desperate, we tried to keep our spirits up by reverting to the GLAD GAME.

"I'M GLAD it's raining—my umbrella might catch dry-rot if I let it down!"

"I'M GLAD we missed the bus stop again—walking is such good exercise."

"I'M GLAD we've spent 2 hours walking with 3 bags of laundry through lovely English cow pastures looking for a laundromat!"

"Well, I'M GLAD it's getting dark and we're probably lost—carting dirty clothes around in the evening is so romantic."

Finally on September 10 our mission president, returning from furlough, advised us to fly with his family to Ghana. Because our tickets required a night in Accra, we had gotten short-term Ghana visas. He felt we should stay there at the mission until he got to Freetown to get our visas for Sierra Leone.

At 10:00 p.m. we decided to go. At 7:00 a.m. on the 11th we were headed for London and Mrs. Leigh with our 80 pounds of luggage in tow. The subway is always lots of fun especially in rush hour—and extra especially with 4 suitcases, 2 purses, 2 cameras and a guitar! "I'M GLAD my guitar wipes out another four English gentlemen every time I turn around!"

At 9:00 we rushed into Mrs. Leigh's office, grabbed our tickets, thanked her bunches and ran. The last faint hopes of getting our visas before leav-

ing England died as she said for the last time, "I'm sorry, Girls, but the approval hasn't . . ."

The plane was to leave from Heathrow Airport at 12:30. We had stashed our luggage in lockers at Victoria station. The hands of the big clock kept grabbing time as we waited for our locker keys. The airport's in-town terminal was 2 blocks away. Its last bus for our flight left at 10:00. It was 10:20 as we staggered out of the station. Our already blistered hands just couldn't hold the luggage any longer. A taxi was the only hope.

"I'M GLAD taxis are always around when you don't need them."

"Now here's the terminal—just get this junk inside—yah, it's 10:30," our minds were prodding.

The lady was nice. No, we weren't overweight — don't worry about it, just put it all on. Now what about reservations—just phone confirmation? Well, that means. . . .

"Vickie Hyde and Sue Meyers, Vickie Hyde and Sue. . . ."

"Sue, they're paging us!"

My mind couldn't accept it. "They couldn't be. No one but Mrs. Leigh knows we're here. They couldn't stop us, not now—please!, we've got to get to Africa—we've been trying for so long." My thoughts were screaming now.

"Ma'am, what do we do, we're being paged!" Sue disappeared leaving me with my whirling head. "A phone call—I'M GLAD we've got a phone call—I'M GLAD we're going to miss our bus—I'M GLAD . . . I'M GLAD Sue's going to answer it, I just couldn't."

Sue was back, "Sue, it's not the time to be funny. . . . Approval? Don't tease now. You mean it?"

That really was Mrs. Leigh, and she said to proceed to Freetown where our visas are awaiting our arrival. The cable came just after we left her office. Sue was smiling clear back to her wisdom teeth.

And then I was smiling back to where mine used to be, and we were laughing and telling the nice lady all about it and she was smiling—but we don't know if she had wisdom teeth. And then we were running upstairs to get our reservations confirmed, and then we were rushing back to tear our hair out waiting in the "queue" 'til finally our tickets were in hand, our baggage was checked, and we were racing out the door. We jumped on the bus just before the door slammed.

The flight was exciting. First the Alps, then the Sahara. And finally we're at last seeing Africa! About 8:00 p.m. we arrived at Ghana. The first thing we felt was warmth—after England it felt marvelous!

Thursday morning found us at the airport ready to start the next section of the long journey. African airports are like college at registration day. We weren't exactly looking forward

More, back page of insert

FINANCIAL AID PROGRAMS ADMINISTERED THROUGH ANDREWS UNIVERSITY

Program	Who Is Eligible	How to Apply
Andrews University grants-in-aid	Full-time undergraduate students with proven financial need	FOR AID LISTED AT LEFT:
*Freshman Scholarships	Upper 5% scholastically of secondary school graduating class, upper 10% if parents' annual income less than \$9000 Lake Union Conference residents	1. File a complete application for admission to Andrews University
*National Merit Scholarships	Commended students and semi-finalists on National Merit Scholarship Tests Lake Union Conference residents	2. Complete and send to the Financial Aid Officer a financial aid application (available upon request)
National Direct Student Loans	Full-time undergraduate students U.S. citizens or permanent residents with proven financial need	3. Complete the Parents' Confidential Statement (or Student's Financial Statement for independent students) and mail with check to the College Scholarship Service with request that a copy of the analysis be sent to Andrews University
Supplementary Education Opportunity Grants	Full-time undergraduate students U.S. citizens or permanent residents with exceptional financial need	NOTE: Financial aid is awarded as soon as all information listed above has been filed and you have been accepted for admission to Andrews University
Nursing Loans	Full-time undergraduate students U.S. citizens or permanent residents, accepted as sophomore or above in Nursing program. Proven financial need	Applications received before May 1 will be given priority. Applications received after May 1 will be considered as funds become available
Nursing Scholarship	Same as above, 2.5 gpa	
College Work Study	Full- and part-time undergraduate students, U.S. citizens or permanent residents with proven financial need	
*Contact undergraduate academic dean		
Campus Work	Full- or part-time students	Applications available in University Personnel Office

PROGRAMS ADMINISTERED BY THE STATES

Program	Who Is Eligible	How to Apply
Michigan State Scholarship	Full-time students, U.S. citizens or permanent residents, Michigan residents since January of year previous to application, acceptable ACT assessment test score	Must file application for scholarship with the Michigan Department of Education and have PCS analysis sent to Michigan Department of Education by announced deadline
Michigan State Grants	Full-time students, U.S. citizens or permanent residents, Michigan residents since January of year previous to application, attending a Michigan private college	Same as above
Scholarship and Loan Programs from Other States	Residents of certain states which permit use of funds in schools outside of state	Inquire through your secondary school counselor or State Department of Education for information
Guaranteed Loans	Full- and part-time students, U.S. citizens or permanent residents	1. Obtain application from your local bank 2. Complete and mail application to Andrews University for academic verification 3. Take (or mail) completed application to bank. It takes approximately six weeks from application to disbursement of loan

OTHER SOURCES OF FINANCIAL AID

Program	Who Is Eligible	How to Apply
Basic Education Opportunity Grant	Full- and part-time students with proven financial need with no college credits before April 1973	<ol style="list-style-type: none"> 1. Obtain application from secondary school, post office, or Andrews University Financial Aid Office 2. Complete and mail as directed on form
Social Security Benefits	Full-time student if one parent (covered by Social Security) is retired, disabled or deceased	Contact Federal Social Security Administration office in your area
Veterans Administration (GI Bill)	Veterans, widows of veterans, and children of disabled or deceased veterans	Contact Federal Veterans Administration office in your area
Rehabilitation Commission	Students with certain physical or emotional disabilities	Contact state Rehabilitation Commission in your area
Literature Evangelist Scholarship		Contact Conference Publishing Secretary
Camp Scholarship ACT Scholarship		Contact Conference MV Secretary
Elementary Teacher Scholarship	Junior or Senior Elementary Education majors	Contact Conference Educational Supervisor

You must be accepted for admission to the University to be considered for any Financial Aid Program

There are several departmental scholarships available other than the aid listed. Please check college bulletin. Financial aid listed ranges up to \$2,500 per year according to need determined by College Education Service.

For the amount of each grant, scholarship, or loan listed, consult the Andrews University Bulletin of Information or contact the financial aid officer.



The original college bell at Andrews University, which dates to 1875, has been mute for the past decade not because it has fallen into disrepair but because electrical chimes and buzzers have made it impractical to rely on a manually-operated bell. It will regain its voice this weekend when it is to signal the start of most alumni homecoming programs. The bell is located in the belfry at the top of Nethery Hall, the former administration building at AU.

to a hassle about the visas in Freetown, but the cable had said they would be there.

The men were not really nasty—they just didn't seem to care. No, they had never seen our visas.

"But Sir, see I have this cable." (I had picked out one I thought looked the most humane.)

"You given money? No? Well you pay small amount and we stamp."

We wondered what the stamp would mean, but one doesn't argue with immigration when one's visa is "missing."

After convincing customs that my guitar was totally worthless, we climbed aboard the airport bus and headed for the hotel in downtown Freetown.

At the hotel we assembled our luggage and picked a taxi. While we were busy trying to get rid of the six drivers we hailed, suddenly a V.W. pulled up and a man jumped out and shook our surprised hands. He seemed to do everything at the same time, and he acted like he knew us. "No one knew we were to arrive today. I'm sure I've never seen this man before, and Sue isn't acting like she knows him. . ."

"What was he saying? He's sorry. Sorry about what? That we don't act like we know him? That his V.W. isn't a Rolls Royce?"

Then I was sinking. The suitcase held my weight. His face got big and then very small.

"He is sorry; he is sorry we don't have visas. Oh he must be mistaken. He doesn't know. Why of course, he just doesn't know. Why all the fuss?"

I stood. "See, Sir, we have this cable; and look, see we have a stamp on our passport. They must not have told you."

He shuffled his feet. "Yes, I know. I was sure the president of the cabinet would vote for you to come. The devil is always trying to stop God's work. I sent that cable in faith, but for some reason the cabinet said, "No."

My little island of confidence was fast disappearing.

"But what about the stamp?"

"The stamp is worthless."

"God, why? Why get us all the way here—why have us praise Your Name in the airports to play this cruel joke now? Haven't we shared our faith? Haven't we laughed at and prayed about our troubles? Why wouldn't You have shut the door before we spent all our money?"

"I'M GLAD we don't have visas—United States always was my favorite country."

Sue's joke at least provided some release, although it wasn't really funny enough to account for the tears. . .

The week of our arrival was nearing its close, the days sailing and snailing as our hopes jumped and fell. Finally on September 9, exactly a week after landing, the white V.W. skidded into our lives again.

"Yes girls, can you be ready in three hours to leave for Yele? Your visas were reconsidered yesterday and the cabinet said 'Yes' this time."

The words sent us packing. . . .

We were really headed for Yele at last!

The little car bounced and jolted.

"Now Pastor, what will we be doing? Are Sierra Leoneans musical? Will we eat with a family like the letter said?"

He laughed and began our first lesson in adaptability.

"Yes, well we don't happen to have a girls' dean at the present so you will be living in the dean's apartment. I'm sure you'll be able to handle the girls with no. . ."

Our eyes met in the rear-view mirror—"Girl's dean," I could hear Sue in my mind, "Horrors!"

"You'll have your own kitchen so you'll cook for yourselves. I'm sure you're both good cooks and will enjoy. . ."

"There isn't time for music in the timetable, but I'm sure in your spare. . ."

We listened with that horrified fascination that playwrights always talk about in shipwrecks and murders.

"Well, this is Yele. Here is the gate to our school. And this is the girls' dorm."

His last words were drowned by a crescendoing howl. Suddenly the little V.W. was surrounded by 46 girls who flung open its doors and emptied it of everything.

The apartment was filthy—but that can happen in a week in Africa. We ignored the mess. We had decided months before what our first move would be. We each took a suitcase and on the count of 3 dumped it upside down on the bed.

Several hours later the division secretary, Elder B. B. Beach, decided to visit the new missionaries. He found them both standing on chairs screaming. We sheepishly explained that from that altitude we could build up enough courage to throw our Dr. Scholl's Exercise Sandals at the 3-inch cockroach which kept appearing.

Later: "Vickie, there's a snake." Considering the circumstances, Sue was quite matter of fact.

We watched it slither its 3-foot green body across the bedroom floor. It finally settled under the laundry basket.

"Musu, what do the girls do when they find a snake?"

"Well, they always call the dean."

"Gulp" (audibly — a duet).

"Yes, Musu, and then what did Miss Raymond do?"

"She usually got some girls to kill it."

"Musu, get some girls. . ."

All 46 girls poured in. They brought poles. They brought hoes. They brought shoes. They were brave. They all tracked across the freshly cleaned, wet floor to the bedroom.

The snake moved. It stuck out its tongue. The girls screamed and poured from the bedroom like raisins! Miss Meyer and Miss Hyde were unceremoniously draped across the sofa laughing like fools—with their feet up, mind you.

The girls finally dragged in a poor, scared boy. He spent 15 minutes mangling the poor creature. He finally emerged a triumphant hero leaving behind him a broken window, a broken chair, a broken laundry basket, a trail of blood, and the principal's mop which now resembled a pretzel.

After several days, life began to seem a bit more organized. We simply expected the water to be off, the shower to be cold, and the frig to be warm. The electricity came on at 7:00 p.m. and went off at 10:00 p.m. We even got used to no toilet seat!"

Trying to teach was another story. Just to start before 60 students whose names, faces, and accents were a jumble was bad enough—to teach them English literature was as hard as finding a place to "make-out" at Blue Mountain Academy!

The deaning job was rough, but with some Help we held on.

"Sue, I think it's going to rain, look at the sky." If it rains, we'll never be able to keep these girls working—if we let them go in and drag them out again tomorrow, they'll riot."

"God, please don't let it rain for another 45 minutes. You know we have trouble being deans to girls our own age. We feel so helpless so often. We must make them work or our punishments will appear worthless—so please. . ."

It never rained at all that day.

"Will you girls take both vespers services this weekend?" Pastor's question banished our hopes of a coveted rest. We know it was time to get some music going if a choir was to become a reality. It was time to publicly show our devotion to a Redeeming Lord.

It was time for Friday vespers. We'd planned to teach several new songs first—I had my guitar and Sue had a story. We tucked both under the umbrella and slopped to the chapel through the downpour.

"Sue, they'll never hear us." I had to shout right in her ear.

"Dear God, we've come to serve, to teach, to share. This is our first public opportunity—but with this rain. . ."

We smiled as we faced the students—we nearly laughed when the rain suddenly stopped as I strummed the first chord. We smiled again when the electricity came on just before Sue read her story.

And we smiled again as we sat on our piece of furniture in our living-room. "I'M GLAD we have a Director."

"I'M GLAD He's been there all along."

"Well, I'M GLAD I'm a Student Missionary."

"I'M GLAD. . ."

Andrews Student Activities

The Student Association

Supporting framework for student activities at Andrews is the Student Association. The university encourages students to participate in as many of the extracurricular activities and organizations as their study-work load will permit. Experience gained in working with others in the achievement of common goals gives an invaluable training to the participant.

The Student Association includes every undergraduate student in the university and coordinates a number of activities. These include the publishing of **Cast**, the student directory; the **Student Movement**, university paper; and the **Cardinal**, university yearbook. Editors and managers of these publications are nominated by the Student Senate and elected by the members of the Student Association.

The Senate, composed of about 30 student leaders, exercises legislative and managerial powers as delegated by the constitution of the association. The following student committees discharge further the functions of the association: Christian Youth Action, Cultural Programs Advisory, Recreation, and Student Life.

A university senate has been established to foster a close relationship of trust and goodwill among administration, faculty, and students; to bring all segments of the university community together in a place where they can discuss openly the challenges facing the development of the university; and to have a representative body to advise the university and Student Association regarding policies. Chaired by the President of the university, it meets approximately once a month. Its members are elected by student groups, the faculty, and by appointment of the President.

The Student Association executive committee meets to plan for the next quarter. They are (from the left): Bob Smith, student services; Sonja Nottelson, ACYA; Yvonne Streeter, treasurer; Leonard Hill, SA sponsor; Melody Harrell, social-recreation; Karen Szmanda; Mark Umek, president; Sandy Nelson, secretary; and Larry Blackmer, social-recreation. Photo by Rob LeBard

ACYA Witnessing Opportunities

by Chris Kagels, freshman-nursing

The Campus Ministry office is located in the Campus Center. It is open every Monday through Thursday from 10 a.m. to 4 p.m., and on Fridays from 10 to 12 a.m. Campus Ministry is set up in three parts: Inreach, Upreach, and Outreach.

Inreach

According to the director, Elder E. Wayne Shepperd, "To be available is the goal of our campus pastors: available to listen, to be concerned and to keep the confidence of students who seek our counsel." The Inreach program is for the AU student.

Upreach

An important part of Campus Ministry is "shared experience" through retreats, Bible conferences, informal fellowships, and study groups. The campus ministers work closely with the campus physicians and the behavioral science and religion departments to provide opportunities for personal growth.

Outreach

The pastors work with a growing circle of Christian Youth Action Outreach programs to the community. Everyone can participate in some type of group: public evangelism, story

hour for children, community service, or health and drug education.

Campus Ministry is an extension of Pioneer Memorial Church. It has two pastors. Elder Gordon Paxton left recently and Elder Shepperd is now in charge. Another pastor is expected to arrive in August. The pastors are sponsors of Andrews Christian Youth Action, ACYA. The student executive staff is: Sonja Nottelson, president; David Johnson, on-campus leader; Allen Rusk, off-campus leader; Janice Jensen, treasurer; and Renata Krzeminski, secretary.

The ACYA sponsors many on-and off-campus groups. Most are open to all students who would like to get involved.

On-Campus Projects

Positive Way Workshop meets every Wednesday evening from 6:45 to 7:25 in the faculty lounge. It is under the direction of Lloyd Schomburg. Students come to learn how to pray, to learn different types of praying, what to pray for, and how to petition God in prayer.

Hot Line, under the direction of Allen Rusk, is available from 7 to



10 p.m. every Sunday through Thursday. Hot Line workers are trained so that they may deal with crisis situations. They listen to the people with problems and try to help them.

Student Missionary Program is under the faculty sponsorship of Mrs. Donna Habenicht with Linda Sharpe as the student leader. The purpose of the Student Missionary program is to fulfill the gospel commission to take the love of Jesus to all the world.

There are openings in 60 countries for many jobs such as nurses, teachers, construction workers, and many more. Last year Andrews sent out 26 student missionaries of a total of 192 that went out from all SDA colleges.

Other on-campus projects include Campus Concern Fellowship, Ministerial Club, Colporteur Club, Youth for Christ, Film Series, Devotional Book Club, Sabbath Afternoon Forum, Sabbath Afternoon Nature Study Forum, Friday Evening Sing and Share, Mailing Team, Servicemen Concern, Andrews Academy Concern, Black Forum, Faculty Concern, Vespers program, and the Ushers Club.

Off-Campus Projects

Child Evangelism is under the direction of Thelma Clark, and in this activity students have a chance to witness to children by participating in the story hour.

Temperance, better known as Collegiate Action for Better Living (CABL), is a team led by Bruce Dillon. The Temperance Team has given programs in Indiana and Michigan. They have demonstrated smoking Sam and done a health study in Indiana, where they are now doing a follow-up program.

Benton Harbor Project is an outreach program where the students work with children, teaching them manners, courtesy, reading techniques, number concepts, and singing. It has grown so much since the program started, the Campus Ministry is trying to gain the use of a Benton Harbor public school for its meetings.

Other off-campus projects include Mission 75, Secular-campus Outreach, Collegiate Action for Christ, Christianity in Action, South Bend Walk-in Center, singing bands, Wayout, Academy Outreach, church programs, Voices of Praise, and Sunday evening fellowship.

New Programs

One of the newest projects of Campus Ministry is the MV Taskforce for North America. This is for students who want to serve as a student missionary but feel they don't want to leave North America. There are many calls and job types available. Calls are now open to Pennsylvania, Iowa, Arizona, and California for teachers, food service directors, maintenance men, people to give Bible studies and to work with street and random witnessing.

Spiritual Life Center

A new Spiritual Life Center is being built in the basement of the Campus Center. The center will be open for use any time of the day or evening for any group or persons wanting to use it. The mural for the new center was painted by Ria Casey,

a student here last year.

Campus Ministry has purchased three new audio-visual tape units. The units consist of a TV and a cassette player. The student will choose the cassette he wants to hear pertaining to a certain book or text in the Bible and choose the film strip that matches it.

Theme for the new Spiritual Life Center is Micah 6:8, "He hath shewed thee, O man, what is good; and what doth the Lord require of thee, but to do justly, to love mercy, and to walk humbly with thy God?" The center is planned to be finished by the end of this year.

SA elections are coming up and the Lord needs students who are willing to work for Him. Next year an ACYA president and on-and off-campus leaders are needed.

ACYA's Longest Off-Campus Project

by Randy Neall

Photos by Mike Scarbrough

Endoara Boggs is five years old, too young for school. Ray Max, however, is every bit twelve and ready for anything. But whether five or twelve, that doesn't make much difference on Saturday afternoons between 2:30 and 4:00.

If they're where they were last week, and the week before that, Endoara and Ray will be waiting at a Benton Harbor community hall for their friends from Andrews University to present Story Hour. So will James Butler, John Wills, Deborah King, Greg Rose, Elaine Porter, and over 75 other children from the Blossomland housing project.

Some of them, like Endoara, have been coming now for four years. She watches especially for Dawn Martin, now a junior nursing student. Dawn was the one who talked Endoara's parents into letting her come to the story hour, back when Endoara was barely two.

Now Dawn has charge of the program, which has engaged at least 35 students a week for four years, making it AU's largest continuing volunteer effort.

The story hour opens at 2:30 p.m. with everyone in one large group



One way to learn the Beatitudes is to write them.

singing something like "Hallelu, Hallelu, Praise Ye the Lord," a song perfect for the occasion. The children can jump to their feet lawfully when it comes their turn to sing one of the "hallelus."

No one bothers about the piano, located inconveniently at the other end of the hall, and only occasionally does anyone bring a guitar. "The instruments," Dawn said, "are their voices, which are beautiful."

Then come the Beatitudes. They have learned them all.



Greg Rose, a four-year-old, is learning to count.

The children then divide into groups, one for ages one through four and others for ages 5-7, 7-9, 10, 11-12, and 13 and up. Fifteen children per group is about right. Twenty-two is too many, Dawn said.

Then comes the story, usually preceded by some debate among the children whether it will be about Moses, David, Noah, Jesus, or Daniel. "They are more interested in the Bible than anything else," said Dawn. "Maybe that explains the competition."

Five students lead each group. One tells the story. Another directs the arts

and crafts. If it is the 5-7 group, that may mean drawing your favorite animal with crayons. Another student is teacher, in the usual sense of the term. The topic may be anything from counting—an abacus makes a good teaching aid—to boa constrictors.

Ricky Simpson, freshman premed, told the 13- and 14-year-olds that boas "are among the most beautiful snakes, and (maybe you didn't know it before) they are usually less than eight feet long."

The children again rehearse the Beatitudes, some of the older children with pencil and paper. One five-year-old knew them before the others, and Dawn gave her a whole bag of apples.

The children also learn something about music and even how to stay healthy.



Elaine Porter, five, draws her favorite animal for Robin Harris, sophomore.

Before quitting time there's punch, peanuts, oranges, carrots, or raisins and the like, depending on the bargains available that week.

But they don't come just for the food, Dawn said, and some of the children will refuse it if they come late. Food or no food, some leave before the program has hardly begun if their special friend from Andrews wasn't able to make it.

"With attachments like that, where someone is waiting just for you, it's hard for any of us to be absent," Dawn said.

When Dawn first came to Andrews, she wanted to avoid becoming tied down to some relentless weekend routine. But after one time at the story hour, she's been going ever since, relentlessly. "I saw the need," she said. "Kids there don't have a religious, happy-type of experience. They think that religion is not fun.

"And sometimes people just overlook kids," she added. "I don't think that's fair."

Enacio Hunt, senior biology major, has also been with the story hour during each of his four years at Andrews. His charge has been the preschoolers.

"I had a preschool girl in my group," he said. "She'd come every week. I taught her counting, the ABC's and Bible stories, and even brought her on campus a few times—a change for her. I felt I was accomplishing something."

That something, he said, is not always easy to detect. But however slight, the little things they do that let you know you're getting through, "that's what makes it worthwhile," he said.



Ricky Simpson, freshman premed, tells his 13- and 14-year-olds that boa constrictors have had bad press; they're actually beautiful and less than eight feet long.

THE SALT



Photos by Gene Hamlin
junior theology student

Script by Des Cummings
doctor of ministry student

"This religion is so irrelevant—so out of touch. Same stories, same songs, same cliches. I can't wait till I can be on my own. It's so hard to explain all these stupid rules to some of my friends—why can't I be free. I'm bored!"

"YE ARE THE SALT OF THE EARTH."



"Oh, not another boring sermon."

"Look at these hypocrites sitting here—they are so out of it."

"Right on, preacher! We are the salt and there is no doubt that there are sinners who need to have a little salt rubbed into their wounds. Give me some good arguments to use on that atheist at work. Oh, that's a great text—he won't be able to argue with that. Give me more!"



"OK, now I'm going to show them the truth.

I'm going to witness."

MAN



"I've been struggling with these problems for hours—maybe my teacher could help."



"Going up is the only direction left now!"



"Alright! Things are definitely looking better!"

"Have to thank my teacher for the time he spent with me."



*Well done, thou good and faithful servant—
salt seasons best
when it comes from within.*

Andrews Multiculture



International Committee On Student Affairs Aids Orientation

International students form an important segment of the student population at Andrews, and the newly formed International Student Affairs Committee serves as a helpful advisory for these students.

Twenty-four committee members have been chosen from the major countries represented. Yew-Chong Wong, educational psychology student from Singapore, is president; Nelly Chollet, junior-biology from Puerto Rico, is secretary; and Teferra



The International Flag Walk at Andrews displays sixty flags from around the world. They are spaced along three sides of the Seminary Green between Pioneer Memorial Church and the James White Library. The Flag Walk recognizes the international aspect of AU and its cosmopolitan culture. One out of six AU students is from a country other than the U.S., and one-third of the AU faculty members were born in other countries or have non-U.S. citizenship.



Overseas students bring many kinds of unusual instruments to the campus to add interest and spice to the music culture found at AU.

Andrews Student Missionaries

The Student Missionary Movement



Linda Sharpe

by Linda Sharpe, senior-physical education

tivity. The project survived, however; for in 1968 three students raised their own money and served in Japan the next year.

From there, the AU student missionary program grew by leaps and bounds. This year, over 30 students have applied for service in many parts of the world. Andrews does not now fully sponsor any student, but fund-raising programs help the students earn money for the required round-trip plane fare.

from Bangladesh, "We have a small boy in the hospital with tetanus. He fell out of a tree and cut his foot, but his mother refused to bring him to the doctor. Now he is suffering the consequences. He looks so pitiful lying there with his mouth clamped shut, a tracheotomy, and convulsing often. He is in a big, noisy men's ward. Only God knows his future. People that have been here with tetanus before have lived. Another small boy was seriously ill with peritonitis and

The SDA student missionary program began at Columbia Union College in 1959, when Marlin Mathieson was sent to Mexico for the summer. He was to experience that mission field firsthand and return to CUC to encourage others to consider missionary careers after graduation. By 1969, 185 North American student missionaries had served, and 640 more were added in the next four years. In the last 15 years, 16 Adventist colleges have sent over 825 student missionaries to 75 different countries.

Andrews sent its first student missionary overseas in 1961. He was Franklin Fowler, a junior premed student. Fowler had been the school's MV leader in 1961 and then spent three months in Guatemala that summer assisting year-round missionaries in medical and evangelistic work.

Until 1967, one student was chosen for each summer's student missionary experiment. In 1967, the AUSA Senate decided to completely sponsor Bruce Bauer, a junior studying English as a second language, to work in the SDA language school in Osaka, Japan, in a pilot program. While Bauer was serving, the Senate decided to suspend the program for a year due to lack of student support. There was a strong feeling back then against taking a year out of school for any sort of extra-curricular ac-



Each spring, the new student missionaries plan and participate with many other interested people in a Walkathon. Sponsorships are gathered from their friends and relatives for the 20-mile trek, which was first implemented in 1972. Last year, over \$8000 was raised this way. This year the committee is also planning a Workathon, with a paid community-aid project in mind.

The Friday evening service of Alumni weekend is the traditional lamplighting service for all student and regular missionaries going out into the fields.

This last year, 27 student missionaries were recruited at AU. Their experiences show the program's worth. Marvel Wells and Judy Ashdon write

Dr. Horace J. Shaw, AUSA executive secretary, shows two students the oil-burning lamp they will each receive at the Friday vespers of Homecoming weekend, May 2. A new tradition was begun last year when 25 student missionaries and graduating seniors with overseas appointments received the lamps, dark blue with AU logo and names in gold. Each lamp carried a card with the inscription: God gives each man one life, like a lamp, then gives that lamp due measure of oil; lamp lighted, hold high, wave wide, its comfort to share—Robert Browning. Looking over the lamp, above, are Lorraine Gennarro who will go as a student missionary to Puerto Rico and Ramon Araujo, seminary student returning to the Dominican Republic after graduation in June. Photo by Adam Bujak

the doctor found a six-inch worm that was most likely the cause of his perforated intestine. He lives and has been sent home. We witness many miracles here."

Bob Knutson writes of his experiences with Ingathering in Bangladesh. "I have just completed a week at Chittagong with the uplift In-

involved with helping build Bangladesh as a nation. Just want to give them an opportunity to help their own people. Since they are now constructing a new 50-bed hospital in Gopalganj, many are able to see that the SDA program is an active one."

Karen Snyder, also in Bangladesh (secretary at Dacca) writes: "We take

some chances with our eating when we go visiting, but we are here to witness and we don't want to hurt feelings; we feel that God will take care of us."

Debbie Hartsock and Sue Hildebrand, who are serving in Indonesia, spent Christmas vacation in Palau and had this experience to relate. "Palau is almost totally Moslem. Even some of the SDA's have Moslem husbands. One family in particular, the Buserys, were so nice to us. The husband is an important government official and the wife, an SDA. They always loaned us their motorcycle and took us places. Anyway, just before we left, Mrs. Busery came to us and thanked us over and over for coming. It seems that she had chosen several SDA men to work in one of her husband's businesses, explaining to him that they would be more honest than the Moslems. One of these men, however, stole a large sum of money from the business, and when Mr. Busery found out he was furious with the men, with his wife, and with all SDA's. She told us he was almost unbearable to live with; but when we came, for some reason he really liked us and treated us royally. He also started treating his wife right, and he told her he guessed not all Adventists were bad after all. We were

1975-76 Student Missionaries

Bahr, Fred	Youth Pastor	Bolivia
Chapin, Kris	Teaching	Pakistan
Denslow, Ken	Youth Pastor	Puerto Rico
Despres, Rodger	Construction	Mexico
Donohue, Christiana	Teaching	Puerto Rico
Drumm, Rene	Teaching	Japan
Engelkemier, Joetta	Librarian and Teacher	Sri Lanka
Flemmer, Ken	Teaching	Japan
Gennarro, Lorraine	Teaching	Puerto Rico
Hamrick, Tom	Teaching Summer Camp	Tanzania
Harrell, Melody	Teaching	Colombia
Jones, Melody	Teaching	Zaire
Kloosterhuis, Dave	Teaching	Japan
Mauze, Gerty	Teaching	
Mayberry, Ken	Teaching	Japan
Middaugh, Glen	Construction	Mexico
Neufeld, Lolita	Teaching	
Perry, Jim	Teaching	Japan
Petr, Dan	Teaching	Japan
Price, Paul	Teaching Physical Education	Ecuador
Robinson, Vivien	Teaching	Sri Lanka
Schofield, Donna	Teaching	Japan
Schwertsinske, Vickie	Physical Therapy	Nicaragua
Snelling, Susan	Teaching	Bangladesh
Tidwell, Steve	Pathfinder Work	Brazil
Topps, Myla	Nurse	Bangladesh
Valentine, Brenda	Teaching	Japan
Ward, Bill	Youth Pastor	Bolivia
Wernick, Brenda	Teaching	Japan

gathering work. You'd never think that a person would do Ingathering in this country, but we do. I spent about 10 days going from business to business, for these are the only people who might be able to give. Our approach is necessarily from a social welfare standpoint—no spiritual appeal. Most of the businessmen are Moslem or Hindu. It has been quite a challenge. My appeal to each businessman is for him to get in-



A group of returned student missionaries gather in native costume of the area in which they served to celebrate Mission Emphasis Week. They are, left to right: Sue Ledger, Richard Ford, Linda Sharpe, Brenda Hardy, LaDonna Blom, Steve Lee, Ulena Baptist, Larry Habenicht, and Sue Breithaupt.

Student Missionary Arranges Adoption of Korean Child by American Foster Parents

By Jan Hafstrom

When Sue Breithaupt went to Korea as a student missionary, she expected to spend a year teaching English to the Koreans and doing whatever else she could to spread the gospel message, and then to return to Andrews to continue her college training after the year was up.

What really happened was that Sue's year as a student missionary has become a very tangible part of her life, in a little different way from the usual.

"One of the first things that I found out was how many orphans there are in Korea," Sue said. "I never really thought much about orphanages before, but one day I went to visit a small orphanage in the country. There weren't enough people to run it; there was never any warm water; and the children were dirty, unkempt, and some were ill. But in that dirt and through the sores, I saw the most beautiful children in the world.

"Choi Eun Jung was one of the children there. Beneath the dirt she had a beautiful face, and I immediately fell in love with her. I thought

so much about her that I wrote home to my sister and brother-in-law, telling them about the little girl I called Julie, who was abandoned when she was two years old, and who was now six. She rarely smiled, or talked; she had dark hair and dark eyes, and an ear infection.

"They wrote back and asked me to start proceedings for them to adopt her. Well, first I took her to an ear specialist, hoping to clear up the infection in her ears. He turned to me

be coming home soon to see them. But it took a long year until she arrived.

"We were all at the airport. Marilyn and Larry anxiously waited near the exit and watched as Julie, wearing all she owned, walked down the airplane steps. When she came close enough Larry held out his arms, and she went straight into them. We all had tears in our eyes. She still recognized me, and was very happy to see me. On the way back home in the car Larry held Julie in his arms. She had become a delightfully pretty little girl, clean and happy in her year of waiting to come to us. He looked at her, then at Marilyn and said, 'It was definitely worth the wait.'"

Julie is learning to say a few words in English, like "Hi!" and "thank-you." She laughs all the time, and calls Larry Daddy, and Marilyn Mommy. Her new name is Julie J. Skinner, and she can say the "Julie" part now.

Sue's year as a student missionary meant a lot of sacrifice, but she feels now that she has more than been repaid for anything she sacrificed. "Apart from the good time I had, I now have a beautiful new niece."



Sue Breithaupt, student missionary to Korea, holds an orphaned child she persuaded her sister and brother-in-law to adopt. "Choi Eun Jung beneath the dirt had a beautiful face, and I fell in love with her."

STUDENT MISSIONARIES from page 30

so glad about that. I never would have dreamed he hated Adventists at one time because he was so nice to us the whole time we were there. So I guess even though we weren't really involved, God used us to help break down some of the prejudice."

When student missionaries return home, there is another type of work waiting for them. They share their experiences with others, informing people here of the work going on overseas, encouraging church members to support it financially, and inspiring other students to give a year of their life to overseas missions. Besides on-campus programs, the returned student missionaries give programs in nearby churches and areas as far away as LaCrosse, Wisconsin, and Indianapolis, Indiana.

in his office and said, 'This child has no eardrum. She is deaf.' I was heartbroken. I didn't know what my sister Marilyn and her husband Larry could do with financing a deaf child. So I called home. They told me, 'We still want her.' Well, as it turned out, one of her eardrums is gone, but she can still hear with her other ear.

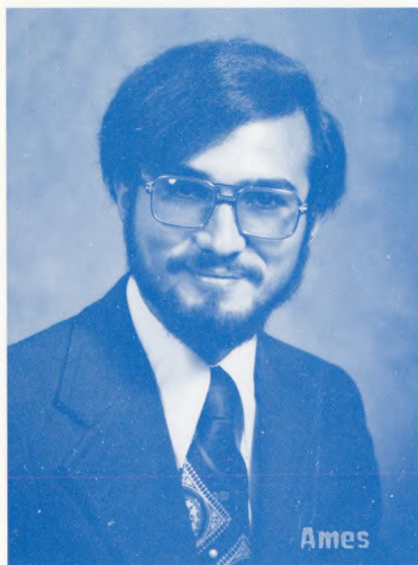
"I returned to America, after telling Julie all about her mother and father in America, and that she would



During Mission Emphasis Week, Choi Eun Jung (now with an American name—Julie) visited the campus and participated in a program given by the student missionaries.

Andrews 'Student Movement'

The SM Yesterday and Today



Bob Barker, editor of the STUDENT MOVEMENT

In 1910, the biggest problem facing Emmanuel Missionary College was the nearly \$70,000 worth of accumulated debts it owed as a corporation. President Otto Julius Graf frequently mentioned the "monster debt."

In 1914, Mina Davis, a student bookkeeper, developed the idea of a student campaign to erase the college debt. Convincing other student leaders of her program's worth, she helped a student committee kick off the drive at a chapel exercise, while the faculty members met separately to consider their part. Astounding pledges, ranging from a week's salary up to one fourth of the summer's income, sparked the drive.

"On April 29, 1915, the school family rose to the challenge a second time—by then the debt had shrunk to \$29,000—with more rallies, and adopted a \$5,000 goal. They named Henry J. Klooster campaign leader. In the *Lake Union Herald* of June 30, Klooster implored everyone to support as never before the 'Student Movement,' as they called the campaign. . ."

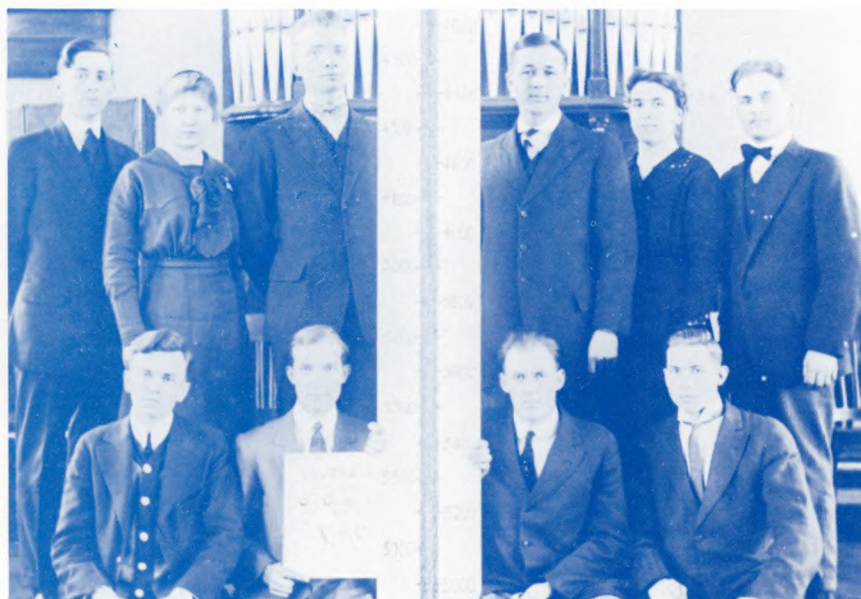
"Then, almost instantaneously, the reservoir of emotion and energy spilled over into an unforeseen channel. On July 6, Howard Wilcox and Albert Campbell appeared before the

by Bob Barker, SM editor

A student movement in 1915 to help pay off the school debt was climaxed by the decision to publish a school paper and call it the *Student Movement*. The publication, in one form or another, has been the voice of the students for over 60 years.

the paper a bi-weekly, and the subscription price fifty cents a year.

"By summer's end the number of subscriptions reached eight hundred. Thus 'The Student Movement' fundraising campaign of 1914-15 generated **The Student Movement**, a publication which has endured ever since as a news sheet, magazine, or newspaper. Since then, the generations of blasé students who had flipantly referred to the 'stupid move-



The student movement that generated the STUDENT MOVEMENT. The thermometer indicates the progress being made in raising money to pay the school debt. The tall fellow in center back later became president of the college—Henry J. Klooster, 1937-1943.

board, seeking permission to begin a college paper. He [Wilcox] gave reasons why they thought the paper should be published. Mr. Albert Campbell spoke to the Board of the size and cost of the paper. He said the cost would be about \$20.95 per issue; postage, mailing and stationery, \$3. To secure this money, the plan was to obtain by advertisements \$15, the number of subscriptions, 300."

On July 21, a mass meeting of students and teachers was held concerning the college paper. The Board had given its approval, and subscriptions were reported to be coming in rapidly. The plan was to make

ment' have little realized that in 1915 no other name could have been more appropriate than **The Student Movement**.

From that beginning, the **Student Movement** has metamorphosed slowly over the ensuing 60 years. The SM, as the **Student Movement** is more frequently called, has served many needs and causes. In a campaign for larger enrollment in 1919-20, "advertisements emblazoned on the covers of the **Student Movement** attempted to appeal to a sense of the shortness of time before Christ's return." It has also reported events through the years such as the estab-

lishment of Founder's Day and the launching of a full-fledged Student Association (1922).

The SA Takes Over

"In 1929 the **Student Movement** came under the aegis of the Student Association. It exhibited a kind of split personality, being three-fourths magazine, the remainder newspaper. Contents varied from the sentimental to the highly satirical. It printed essays by students, explaining why they preferred manual work to sports, why skating seemed the best outdoor fun, and why colporteurism was the best way to vacation. The SM also reported chapel talks." It also contained numerous articles on students' overseas experiences.

In the '30's, American college administrators downgraded sports. The **Student Movement** commented on the topic: "It is the opinion of some that the subject of sports is the most difficult problem with which they have to deal. Our own administrators are thankful that we are not troubled with it in our own institutions. They have found that the industries in our schools prove superior to any athletic programs." Such a stand is in sharp contrast to the weekly page devoted to sports in today's SM and the limited coverage of campus industries.

An interesting feature appeared in the SM during World War II. Selected paragraphs of recent letters from U.S. soldiers to friends and relatives at EMC went into a regular column entitled "Mementos of Marching Men."

In 1946, the **Student Movement** joined in ridiculing "Tin Town" and "Trash-Can Junction." It also, along with the **Cardinal**, lauded the school's "best" teachers.

A semi-newspaper format was adopted by the expanded SM in 1931. Since then financing has always been a problem. "During 1934-35 the paper fell into straits so bad that three times it appeared as a **Lake Union Herald** supplement, chagrining the students. As a result, Student Association president Myrl Manley led a resuscitation attempt, finally obtaining 1,078 off-campus subscriptions, which kept the paper alive." The financing and publication of the **Student Movement**

was then and still is one of the Student Association's most weighty responsibilities.

Eddie Koggs, Don Webster, Larry Cronton, Adell Haughey, and Mitchelene Tolbert were a few past editors ably equipped to get out the SM newspaper. They devised regular features such as Dot's Dasher, Tattle Tale, and Dingman's Doodles to attract reader interest. According to the Roving Reporter, such features tickled the taste of both student and off-campus readers.

The suggestion of putting out bi-weekly campus-limited editions including only student activity and "constructive criticism" met with sharp opposition.

has been the SM goal of the past decade or more. It has apparently achieved some of that goal, as reader interest is still high.

Came the 1970's and New Equipment

The 1970's have seen repeated improvements in weekly SM production. At present, the paper is totally prepared at the SM offices in rooms 159 and 160 in the Campus Center. The printing itself is done at the **Daily Star** in Niles, where layout sheets and pictures are delivered at 7 a.m. on Tuesday mornings and the finished paper is ready three to five hours later.

In the past three years, changes



Current staff of the **STUDENT MOVEMENT**, from left are: top row, Dan Houghton, Susie Slikkers, Renata Krzeminski, Dave Fishell, Gerald Christman, (not shown is William Tell who has just put an arrow through the apple atop Fishell's hat); middle row—Don Krpalek, Bev Hanks, Ann Hutchinson, Bob Barker (editor), Linda Sharpe, Brian Bothe, and Dave Evans; front row—Freddie McCalla, John Ross, Bruce Dillon, Jeanette Hyde, and Rob LeBard.

"The SM also struggled with the problem of its annual subscription campaign. In the fall of 1957 it fell 2,000 short, and endless prodding failed to remedy the situation. Student Association assemblies and **Student Movement** issues tossed various ideas back and forth, but to no satisfactory conclusion. Finally the college administration levied a fee for the Student Association large enough—with the income from advertisements—to finance the paper; and colorful, disturbing, morale-building subscription drives ground to a halt."

A threshinghouse of student and faculty ideas and opinions, besides professional journalistic reporting,

have been most dramatic and expensive in the typesetting aspect of publication. The Dave Ruskjer regime of 1972-3, known for that editor's special issues on E. G. White and education, started with IBM compositors that required all copy to be typed twice for line justification. Promising savings and increased efficiency, Ruskjer convinced the AUSA senate they should purchase a used Varityper 725 phototypesetter for \$8,000 to replace the IBM compositors. The switch, though workable while Ruskjer remained to keep the machine moving, plagued the SM production staff with breakdowns throughout the next year.

An experimental issue, using the newly marketed Optical Character Recognition system, was released at the first of this year. The copy was typed on special sheets at the SM office and taken to the **News Palladium**, now **Herald Palladium**, Printshop in Benton Harbor for scanning and typesetting. Relatively inexpensive (at \$200-300 per month) when compared to the Varityper's high costs of depreciation, maintenance, and supplies, the system still proved inadequate. Corrections and last-minute stories were practically impossible.

In November, 1974, the AUSA senate, at the request of editor Bob Barker, voted to approve the leasing of a Compuwriter Jr. phototypesetter from Compugraphic Corporation. The \$6,000 machine, with its direct input keyboard, sets type of 6- to 24-point size and boasts a variety of typesetting options. Since its installation in January, 1975, the visual quality of the paper has improved, due to correction and last-minute story capabilities. Cost has also decreased. Lease arrangements call for a \$160 a month payment plus supplies in paper and chemicals. At present the Varityper, valued at \$4,000, is still unsold, leaving the SM in financial straits until its sale.

Not One Person's Opinion

Considered quite radical in the late 60's, the SM has metamorphosed toward professionalism in its approach to journalism. The SM is not content to express one person's opinion, but seeks to print opposing opinions as well. Presenting the facts, in all areas of reporting, from straight news copy to broad issues such as black-white relations, has become the obsession of recent editors. The editorial approach over the past year has been one of promoting change through suggestion of alternatives. New dormitory worship credit systems, winter sports day, and academic regalia have been topics dealt with recently.

Traditionally considered the largest and best of the SDA school system student newspapers, the **Student Movement** remains at the top in current opinion and peer evaluation. Weekly issues of 8 to 16 pages make it by far the largest Adventist school publication. Its style, professionalism,



CARDINAL staff, 1974-75, from left: front row—Loren Calvert, Wolfgang Kunze (sponsor), Dienna Huber, Dave Hittle, Gary Jarnes, Fred Galusha; back row—Dan McEowen, editor, Sonja Nottelson, and Steve Lucht.

and coverage this year are considered by many to be the best ever. By improving and growing yearly, the SM has come a long way from its 1915 origin.

Note: Items in quotes are taken, with permission, from **The Wisdom Seekers**, by Emmett K. Vandevere.



The CARDINAL staff put their heads together.



A robin (Michigan state bird) tries to steal the show from the Cardinal.

Andrews Music Organizations



Dr. Rudolf Strukoff, associate professor of music and director of the University Singers.



The University Singers, a select group of musicians from various disciplines of the university, form the university's touring choir.



James D. Hanson, assistant professor of music and director of the University Chorale.



The University Chorale, a choir of approximately 100 voices, sings for the church services on Sabbath mornings. They also give several major performances a year. This year it has been Handel's "Messiah" and Franz Joseph Haydn's oratorio, "Creation," with Mendelssohn's "Elijah" scheduled for May 16.



The Carmichael Brass Ensemble with Robert C. Uthe, far right of back row, assistant professor of music. Uthe also directs the University Band.



Dr. Charles G. Davis, director of the University Orchestra, "gives them the works" during a practice hour. They performed this year with guest violinist Ruggiero Ricci in Paganini's Concerto No. 1 in D Major.

Voice Majors Take Leads In 'Creation' Oratorio

Susan La Rosa and Devvie Washington, senior voice majors at AU, were soprano soloists with the 110-voice AU Chorale when it performed the Franz Joseph Haydn oratorio, **Creation**, Sabbath, March 8, in the Pioneer Memorial Church. This was the second of this year's three major performances by the Chorale, directed by James Hanson. Other soloists for the oratorio were guest artist Stanley Ware, tenor, voice teacher at Oakwood College, Huntsville, Alabama; and Rudolf Strukoff, bass, assistant professor of music at Andrews and director of the University Singers, AU's touring choir. C. Warren Becker, professor of music, accompanied at the organ. Next performance scheduled for the Chorale is Mendelssohn's **Elijah**, May 16.



Soloists in the "Creation." Photo by Rob LeBard



The Good News Singers with Dr. Steven P. Vitrano, far left, organizer of group and professor of preaching at the Theological Seminary.



Voices of Praise, a witnessing group working in connection with the Campus Ministry.

Andrews Museums and Collections



Left: a 200-year-old scroll of "Esther" is examined by Dr. Siegfried Horn, professor of archaeology and history of antiquity and current dean of the Seminary. The scroll, probably from Palestine, is in an olive-wood case engraved with sketches of Rachel's tomb and the city of Jerusalem. The Hebrew writing has been done by hand, and the scroll itself is parchment. With Dr. Horn is Rachel Cameron.

Below: the three diaries below tell how difficult sailing can be between San Francisco and the South Pacific island of Pitcairn. They were written at sea in 1894, 1895, and 1896 by John Graham, captain of a 112-foot, two-masted vessel named after the island. With his sextant, the diaries were donated to AU's Heritage Room, an SDA archive for denominational and university memorabilia and other historic artifacts and documents.



Left: an engraved stone of Nebuchadnezzar in the AU Archaeological Museum is one of 7,000 items in the museum's collection.

Below: the E. G. White Vault at AU contains 60,000 pages of letters and manuscripts and 4,600 published articles by Adventist pioneer spokeswoman, Mrs. Ellen Gould White. In the photo below, Curator Hedwig Jemison helps students with research projects. Photo by Adam Bujak



This trunk was used by John Nevins Andrews when he, as the first foreign missionary of the SDA denomination, sailed for Switzerland, September 15, 1874. Looking at it and some of Andrews' other belongings is Heritage Room curator Mrs. Raoul Dederen and Dr. Russell L. Staples, assistant professor of mission, Theological Seminary. Mrs. Dederen holds a Bible that belonged to Elder Andrews.

Swahili is Taught at AU

Swahili, a language widely spoken in central Africa, is being taught at Andrews by Daniel Kathare from East Africa to all interested students. Kathare hopes that this class will stimulate interest in East Africa and produce more missionaries. Although widely spoken in Kenya, Tanzania, Uganda, and Zaire, Swahili is not the native tongue of these or any other countries. It has become, however, the official language of Kenya and other African countries, because it serves a common language in countries where there are sometimes over 200 languages and dialects. The students taking this class come from varied backgrounds. One person is a native of Haiti, one is from Switzerland, and several are Americans. Judd Nelson, senior-business and French major, said, "I like to use all opportunities open to me, and it is possible that I may go to Africa as a missionary." Max Church, director of development of WAUS and a returned missionary from Africa, assists Kathare in teaching the class and is also a student in the class. Church organized the Swahili class, which uses the modern language laboratory facilities to listen to records and tapes as a method of learning Swahili.

AU Has First Policewoman

For the first time in its history, AU has a female security officer.

Marie Benson, senior physical education major, "mans" the entrance gate on two evenings a week where she checks passes of incoming people and makes sure that no unauthorized persons are admitted.

"It takes a special kind of person to be able to take the nasty remarks sometimes received when working at this kind of job," said Don Candy, chief security officer at AU. Candy said Miss Benson asked for a job in security, reasoning that if a girl has enough courage to ask for such a job, she can handle it.

Apparently Don Candy has taken another look at the possibilities of

women in the police field. A recent student from the School of Graduate Studies at AU wrote to the *Student Movement* editor last year protesting Candy's stand that women would have difficulty being accepted by the AU administration and community police who must approve his choice of assistants. "I challenge Don Candy at AU to take another look at what women are capable of doing in the police field. The writer, Carol Ann Martin, is a law enforcement instructor at Lake Michigan College in Police Community Relations. Having had a vast amount of police experience in the law enforcement field and as a former police officer, Miss Martin is well aware of the crisis areas police must contend with, she wrote. Her work has included undercover investigations in narcotics and militant groups through the state of Michigan, juvenile gang work in Chicago, investigations in the detective bureaus on larcenies, breaking and enterings, rapes, bombings, forgeries, assaults and battery, vandalism, and riots. She has also worked car patrol duty in the uniform division.

"I find no difficulties," said Miss



A class in sign language, attended by 32 members during the winter quarter, was taught by Donna Jones, sophomore-nursing student. The no-credit class was designed to aid people in being companionable to the deaf. Above, Jan Williams assists Donna. Photo by Rob LeBard

Martin, "in being accepted by police officers throughout the State, and many departments have asked for my expertise in a variety of areas."

Physics Department to Offer Class in Astronomy

The Andrews University physics department will offer a class in astronomy during the spring quarter for the first time in fifteen years.

The class is designed for liberal arts students of any major, said Robert Kingman, class instructor and department chairman. The only prerequisite is basic algebra. Community residents may enroll as special students.



Photo by Adam Bujak

When weather permits, the class will use the university's observatory, which houses an eight-inch telescope.

Kingman will devote some of the class periods to discussing how Seventh-day Adventists, who believe in special creation, can relate to such issues as the Big Bang theory of the origin of the universe.

Kingman holds a PhD degree and a master of science degree from the University of Arizona. His master's thesis title was "On the Spatial Distribution of Clusters of Galaxies."

The observatory which was privately owned and located on the shore of Lake Michigan was donated to Andrews University a few years ago and moved to the Andrews campus.

**'Seesaw of the Sexes'
Produced March 13**

"Seesaw of the Sexes," a lighthearted group of short plays dealing with relationships between men and women, was presented by the Andrews communication department, March 13, in Price Hall Amphitheater.

The plays were performed mainly by members of the winter quarter Interpretive Reading class, under assistant professor of communication, Luanne Bauer, with assistance from Elaine Giddings, department chairman, who has directed similar dramatic projects at AU in previous years.

The permanent lighting recently installed in the amphitheater was used during the plays for the first time.

**Co-ed Volleyball League
Proposed by Dr. Klein**

"Women's volleyball is great this year. I can't help noticing the technique they are using; everything is the best I've seen either as a student or as a teacher here at Andrews," said Dr. Daniel Klein, chairman of the physical education department. "The caliber of the playing on the women's league is equal to that of the men's league. I would like to form a Coed team."

The women's league consists of six teams with the following captains, Peggy Dotson and Jeanie McDonald; Gay Johnson and Kris Stover; Vivien Robinson and Linda Sharpe; Debbie Holz and May Koerber; Diane Patterson and Terry Phillips; and an academy team under the direction of Sandy Cavanaugh.

Fifty to sixty women participate in the intramural program. Players are rotated in so that everyone who comes, plays. Games begin at 5:20 and run until 6:30 every Tuesday and Thursday evening. A match consisting of three games is played each night. If a student needs exercise and likes to have fun, there is a good game of volleyball waiting for her.



**Thirty Participate in
Water Show**

"Memories" was the theme of this year's synchronized water show held on the evenings of March 4 and 5 in the AU Beauty Pool. According to Ida Kuhn, swimming instructor and sponsor of the synchronized water team, about 30 team members, ranging from the elementary school to the college level, as well as persons from the village, Benton Harbor, and St. Joseph, participated in the show. Team members may receive college and academy credit for performing in the show, although many participated solely for their own enjoyment.

Directed by Carolyn Leadbetter, the one-hour show was accompanied by spot lighting and music. Seating was provided in the balcony and on the deck of the pool.

**'Parnassus' Compiled
From Creative Works**

Parnassus, the hill of creative muse in Venice, is the name given to a book containing some of the writing creativity of AU students. This year's edition will be compiled and published during the spring quarter by an editorial council sponsored by the English Club.

Students perform in a synchronized swimming act in a water show in the AU Beauty Pool, March 4. Photo by H. J. Shaw

**Festival of Hymns Presented
On World Day of Prayer**

Over 150 students and faculty from the Andrews music department participated in a festival of hymns Friday, March 7, the World Day of Prayer.

The music was presented at vesper time in the campus Pioneer Memorial Church with Morris Taylor, professor of music, as organizer. People of all faiths were invited to participate.

Purpose of the festival, Taylor said, was to "call the attention of the congregation to the deep meaning of the hymn text as a corporate prayer to God." For many of the hymns, the congregation joined the soloists, choir, orchestra, organ, and brass ensemble.

Passages from Scripture illuminated the themes of the hymns which climaxed with Malotte's arrangement of The Lord's Prayer, performed by the University Chorale and Orchestra under the direction of James Hanson.

Soloists were LeRoy Peterson, violin; Rudolf Strukoff, bass; Vaida Smith, soprano; Denise Mitchem, soprano; Barry Edwards, tenor; and Bill Hungerford, baritone.

Mini-Course in Civilization Offered for credit

The history of civilization, portrayed in a 13-part film series that begins with the middle ages, was shown in March in conjunction with a series of lectures on "The World in Crisis," offered by the Andrews Honors Program.

Lord Kenneth Clark's "Civilization" series is produced by the British Broadcasting Corporation and presented by Time-Life Films; it portrays the things that have shaped Western man in a history of arts, architecture, philosophy, and technical achievements.

The lecture series on current issues by AU professors and guests includes such topics as "The Role of Communist China in Today's World," "Issues Before the People of Southern Africa," and "Stresses and Strains in Western Europe." One to three credits are available for the course.

255 Students Elect To Be Missionaries

A poll taken this term during an assembly attended by about 1,000 students indicated that some 255 of the group elect to become professional overseas missionaries sometime after graduation. This number represented two-thirds of the students responding.

The poll also revealed that the students were far more interested in how to qualify and in where they might be needed than in philosophical issues or current issues in missions.

Accordingly, missionary recruiters were well-booked for the annual Missions Emphasis Week in progress at Andrews, February 21 to 25.

Robert Pierson, assistant professor of geography at AU, was director of the program.

Pierson said he expects few immediate offers for mission service, but that students received tips on how to prepare for such service. MD's speaking French will be among the first chosen, ministers among the last, he added.

Food Service Makes Changes With the Customer in Mind

The AU Food Service, according to director George W. Cummings, will shortly be making a number of changes in the cafeteria's serving areas, each designed with the customer in mind.

Warmers will be installed over the hot serving units. Each item of food will have its own infra-red (white) light to maintain correct food temperature and offer greater eye appeal.

New sneeze guards will be in-

stalled between the customer and the hot foods. They will be set higher, and at an angle which will prevent accidental contamination. Salads will nest in a bed of crushed ice, for eye appeal.

The walls in the serving areas will be tastefully recovered with softer, lower-value color tones that will enhance the merchandizing of wholesome food. The total effect, said Cummings, should increase the customer's desire for a well-balanced meal, and enhance his enjoyment of it.



A cafeteria line as cartoonist Mike Battenberg sees it.



New food service equipment will include infra-red light warmers over the hot serving units, new sneeze guards, and new color decor in serving areas. Serving food, above, are Diane Patterson, left, and Mark Peck. Photo by Dan Houghton

Club Initiates Geriatric Work

by Jack Collessler, senior-theology

A visitation program for the area's aged and shut-in people has been initiated by the AU Behavioral Science Club, according to club sponsor Reger Smith, assistant professor of social welfare.

The objective of the program is for teams of two to visit such people and bring them some cheer and joy, Dr. Smith said. Students may join the program on an occasional basis or to establish one-to-one friendships with visits on a regular basis.

All Invited

Smith told of one elderly man who would not converse at all when Smith and his wife first began visiting him, but after several visits he began to open up. "It was a very rewarding experience."

The project is channeled through the Behavioral Science Club rather than Campus Ministry because, Smith said, he has a burden for community services and he feels behavioral science students are especially capable of this kind of work. Although the project is sponsored by the club, all students are invited to participate. About 20 are now involved, but Smith feels that the project has potential for 200-300 students.

Transportation Paid

The teams are currently visiting Berrien General Hospital, nursing homes in the area, and some individual homes. The Berrien County Department of Social Services initiated contact with the hospital and nursing homes involved and pays 15 cents per mile for transportation.

A monthly group meeting is held, usually on a Sabbath afternoon, for the purpose of reporting follow-up work and sharing experiences.

"I see the program gradually increasing as word gets around that those involved are having some exciting and practical experiences," Smith said. "The nature of the work is self-rewarding and when the students get a taste of it, they love it.



This is a good way for couples to spend some very profitable time together and we encourage them to join us."

Marina Browning, senior-behavioral science, said when asked about her concept of the program's purpose, "The main thrust now is to do some kind of geriatric work on a one-to-one basis. Old people have enough of people coming in and going out. I personally chose Berrien General. I just happened to meet this one woman on the way to the cafeteria, and we established a relationship from talking. The purpose is social work rather than a mission thrust, but I do feel rewarded. Today the big thing is working with young people, but to work with older people gives one a new outlook on life."

Marion Merchant, professor of behavioral science, said, "It has been a very rewarding experience for me. Older people are easy to talk to, and I just thoroughly enjoy it."

Computing Center Offers Free Courses

The Computing Center at Andrews offers several non-credit courses in programming that are open to all students, faculty, and staff, and are free of charge.

BASIC, a course offered to persons with little prior knowledge of programming a computer, will help

Winners this year in AU's intramural College Bowl contest are, from left: Marty Swift, Dan Lazlo, Tony Reyes, and Trudy Taggart. Photo by Dan Houghton

with one-figure mathematical problems.

TEXT, a program for persons with or without knowledge in computer programming, enables one to write papers and form letters.

APL involves those who wish to learn to program more difficult math and science problems.

FORTTRAN GRAPHICS involves making a graph of data or having data represented by a picture. A knowledge of FORTRAN is required for this last course, which is useful to those involved in math, physics, engineering, chemistry, and art.

Students Invade Florida

During spring vacation 41 students visited Daytona Beach, Orlando, Cypress Gardens, and Sea World, as well as Bok Singing Tower near Lake Wales, where they saw the famed Passion Play.

The students won the trip by recruiting approximately 65 new students for this school year. The winners also visited Disney World in Orlando.

ON CAMPUS . . .

Men's Club Uses Hawaiian Theme at Open House

The men's annual dormitory open house and reception, sponsored by Sigma Phi Delta, was held February 9. Events began with tours of Meier and Burman halls.

Feature of the evening was a reception in the Cafeteria Wolverine Room, where decorations were in Polynesian style, including fresh flowers flown in from Hawaii. Each guest received a wrist lei made of orchids and other flowers. A buffet featured Polynesian food, and slides and movies of Hawaii were shown throughout the room by eight projectors. Live entertainment was provided by the club and members of the A.U. Gymnics. Climaxing the evening's entertainment was the showing of the award-winning television film, "Autobiography of Miss Jane Pitman," starring Cicely Tyson.



Open house photos by Mike Scarbrough



1975 CONCERT-PICTURE SERIES

National Band of New Zealand, concert brass band and Maori folk performers
 Arcturus String Quartet, Chicago
 "Once Upon an Alp," John Jay, skiing adventure
 "High Adventure in Exploration," film story of man's exploration of the North and South Poles
 Druzinsky-Lejeune Duo, harpist and flutist
 "Chucklelogue in the Hawaiian Islands," travelogue by Stan Midgley
 Danish Gym Team, modern Danish gymnastics and folk dances
 Helga Winold, cellist
 Norman Luboff Choir, internationally acclaimed choral conductor and singers
 James McCord, Watergate defendant, discusses break-in and aftermath
 Oberlin Woodwind Quartet
 Trinidad-Tripoli Steel Band, makes music from junk oil cans
 Clifford Smith, composer-pianist
 Morris Taylor Family, duo-piano team and string quartet
 Gheorghe Zamfir Rumanian Ensemble, folk artists play traditional instruments used by peasant bands
 Pierre d'Archangeau, French violinist
 Miguel Rubio, concert guitarist
 Moscow Balalaika Orchestra, features Ludmila Zykina, Russia's most popular folk singer

Ricci Plays at AU



Violinist Ruggiero Ricci presented a concert at Andrews University, Sunday, March 9, in Johnson Auditorium. He performed Bach's "Chaconne" and numbers 13 through 24 of Paganini's Caprices.

Ricci performed at Andrews as guest artist with the Andrews University Orchestra under the baton of Dr. Charles Davis. The orchestra accompanied him in Paganini's **Concerto No. 1 in D Major**.

Ricci is hailed by many as a "second Paganini," the 19th-century Italian violinist regarded as an all-time great.

Like Paganini, Ricci performed on one of the rare Guarnerius violins. The instrument, made in 1734, carries a valuation well up in five figures.

His repertoire, comprising virtually all compositions for violin, includes all 24 of the Paganini Caprices. About this a Paris critic commented: "One can understand why Ricci is the only violinist who programs all 24 . . . he is simply the only fiddler around who can play them."

Bernice Fraction, operatic soprano
 Ruggiero Ricci, concert violinist
 "Song of Sweden," film, life of Edvard Grieg
 Ars Antiqua de Paris, ensemble performing with 13th-17th-century instruments
 Andrews University Gymnics, tumbling, precision balancing, and music
 Rosalyn Upshaw, mezzo soprano
 Andrews University Singers, select choral group

AU Today - (Continued from page 2)

WORK PROGRAM

1500 students employed with total yearly earnings of over \$1,000,000
Many undergraduates earn more than half their school expenses
Andrews is an equal opportunity employer
Campus industries: College Wood Products, Berrien Bindery, University Printers, Farm and Dairy
Campus businesses: Laundry, Greenhouse and Florist Shop, University Market, Bookstore
Service departments: Custodian, Maintenance, Grounds, Library, Food Service, Computing Center
Academic departments: Laboratory assistants, clerks and typists, readers

BUDGET

\$14,000,000. Sources of funds: denominational appropriations, auxiliary enterprises, gifts, grants, endowment income, and student fees
Institution has operated in the black since 1953

Presently has 303,000 bibliographic items
Subscribes to 2,650 periodicals
Shelves many unbound journals, pamphlets, microfilms, photostats
Teaching Materials Center includes texts, curriculum guides, music scores and records, tapes and cassettes, and audiovisual teaching aids for use in teacher education programs
Construction underway to double the size and triple the book capacity of the library

MUSEUMS AND COLLECTIONS

Heritage Room in the library contains rare religious books as well as AU and denominational memorabilia
Archaeological Museum in the library has collection of 7,000 items
E. G. White Vault contains 60,000 pages of letters and manuscripts and 4,600 published articles by Ellen G. White, pioneer spokeswoman of the Seventh-day Adventist Church
Natural History Museum includes only mammoth skeleton on display in Michigan that was discovered completely within the state

CHURCH

Pioneer Memorial Church has a seating capacity of 2,000 with supplementary rooms accommodating 750 more
Casavant pipe organ with 4,233 pipes located in the sanctuary

LABORATORY SCHOOL

Coeducational day school on the AU campus has 3 divisions:
Elementary (pre-school to grade 6)
Junior High (grades 7 and 8)
Academy (grades 9 to 12)
Serves as demonstration school and laboratory for educational innovation and research

CAFETERIA

The university food service with 4 dining rooms serves 75,000 meals a month
Snack bar adjacent to the student lounge in the Campus Center

FUTURE PLANS

\$1.25 million library expansion under construction
\$1.25 million secondary school (laboratory school for teacher training)
\$3 million fine arts center

RESEARCH

University faculty engaged in many research projects resulting in scores of articles published in learned journals as well as books
Current research includes—
Sea gull communication: designed to find ways of keeping airports free from sea gulls—\$56,000 grant from the National Institute for Neurological diseases and a \$9,700 grant from the United States Air Force
Thermal pollution: effects of organic

pollutants and increased temperatures in Lake Michigan near the mouth of the St. Joseph River—\$18,300 grant from the W. K. Kellogg Foundation of Battle Creek
Cell control mechanism: may contribute knowledge to study of abnormal cells such as cancer—\$30,000 grant from the National Institutes of Health
Study of behavior of lead telluride: aid treatment of parasite problems in both domestic animals and man
Study of behavior of lead telluride: should offer guidelines to persons wanting to obtain better characteristics when using it as a laser or infrared detector
Heshbon archaeological expeditions excavations at the site of ancient Heshbon in Jordan: assembling of archaeological and ancient textual material is designed to emphasize the accuracy and authenticity of the Scriptures

AFFILIATED RESEARCH ORGANIZATIONS

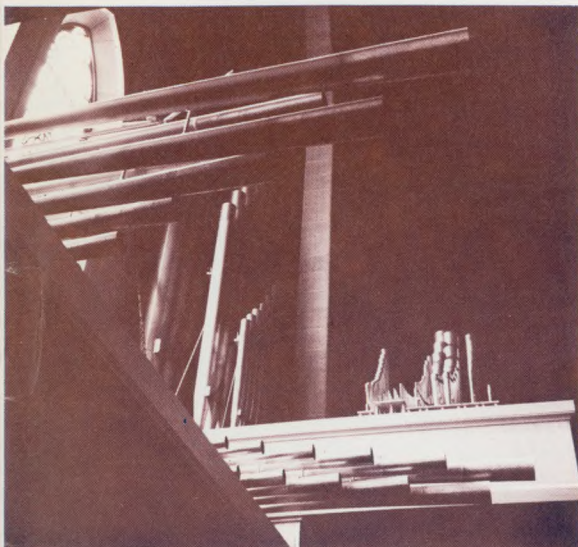
(Not operated by AU, but having facilities on the campus)
Geoscience Research Institute: investigates evidence relative to the geology of the earth and the existence of life within a conservative Christian context. Research staff and library of geologic and related materials provide opportunity and facilities for student research and classwork
Hewitt Research Center: endowed organization dedicated to efficiency and effectiveness of tax-supported and gift-supported institutions and agencies. Deals primarily in health, education, and welfare areas.

STUDENT OUTREACH

Over 125 ministerial students assist in local churches
Between 400 and 500 students participate in Community Action programs as tutors for underprivileged grade school children, in story hours, health education programs, various witnessing groups, jail bands, Christianity in Action programs, and walk-in centers
Twenty-five students each year serve nine to twelve months as student missionaries throughout the world
Over 30 music students direct choirs, play organs in local churches, and give private lessons

SOCIAL WORK from page 18

tions, which he can later study on videotape. The student is able to relate to different emotional responses in a test area which he will sometime have to deal with in real life. The laboratory is also used for seminars and workshops.



Casavant organ pipes in the campus Pioneer Memorial church number 4,233. Photo by Hewlett

PHYSICAL PLANT

1400 acres along the St. Joseph River adjacent to U.S. Highway 31
35 buildings and equipment valued at \$21,380,000
17,000-watt stereo FM station
Airport with a lighted 3100-foot paved runway and a 2500-foot sod runway
Residence halls and apartments with housing for 594 single men, 630 single women, and 260 married couples
Recreational facilities including two gymnasiums, an Olympic-size pool, lighted flag-football field, softball diamonds, tennis courts, and track areas

JAMES WHITE LIBRARY

Constructed to house 280,000 bibliographic items

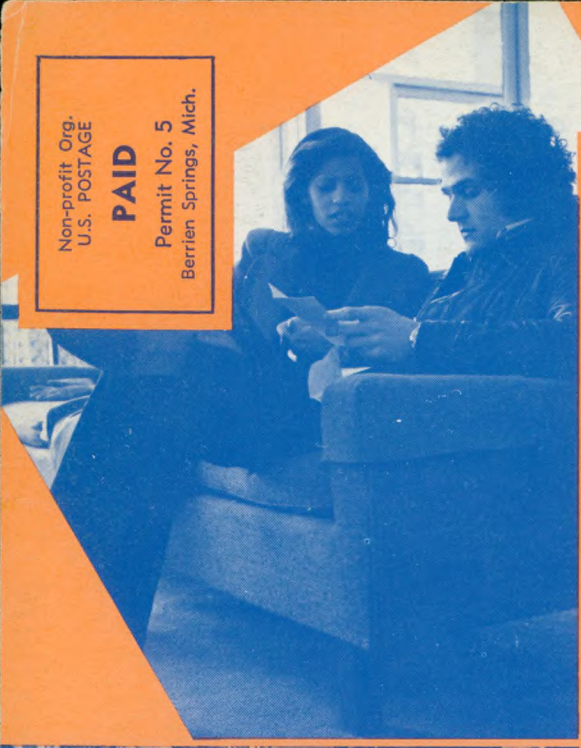
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- **Action**
- **Learning**
- **Doing**
- **Tradition**
- **Progress**
- **Friendships**
- **Fun**

Andrews is, moreover, a Seventh-day Adventist university dedicated to Christian service.



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