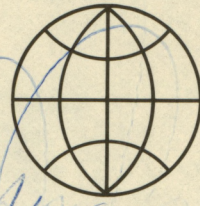
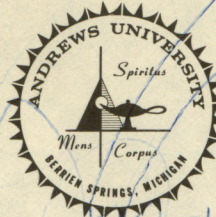


ANDREWS UNIVERSITY

FOCUS

MAGAFILE



VOL. IV G. ERIC JONES LIBRARY

NOVEMBER-DECEMBER, 1968

No. 6

ATLANTIC UNION COLLEGE

Career Day Is New Feature at Andrews University

Career Day at Andrews University, November 21, was a new feature on campus. Sponsored jointly by the AU Alumni Association and the Student Association, the program was under the direction of James Barclay, president elect of the AUAA and tax consultant and management counselor, Western Springs, Illinois; Don Prior, AU vice president for student affairs; Deane Wolcott, president of the Student Association; Dr. Earle Hilgert, vice president for academic administration; Dr. Warner McClure, dean of the College; and Dr. Cecil Gemmell, director of counseling at AU.

The purpose of career day was to give students opportunity to counsel with successful persons in various professions and vocations. Approximately thirty Seventh-day Adventists, mostly undenominationally employed, spent the day on the campus as counselors.

Keynote speaker for the day's activi-

ties was Dort Tikker of Chicago, vice president of corporation development, Nation-wide Industries; and consultant and lecturer for Bookings Institute, Washington, D. C. He is also a member of the National Academy of Science Sub Committee on Economics and Technology. He addressed the student assembly at 9:30 a.m.

Counseling sessions were scheduled for 10:30 a.m. to 1:30 p.m., and from 3:30 to 6:00 p.m.

A luncheon for counselors at 1:30 p.m. was followed with a talk by Dr. Hilgert, updating AU plans and providing opportunity for dialogue with the visitors.

An evaluation of the program from the standpoint of students, faculty, and counselors will be sought.

Dean Prior estimates that about seven hundred interviews took place during the day, and the concensus is that students and counselors alike had a good day.



Student Association president Deane Wolcott introduces Dort Tikker, speaker for Career Day.



Dr. Charles Anderson answers questions on careers in psychology and psychiatry.



James Barclay, sparker of Career Day, lays it on the line about what a career in management and tax consulting involves.



Ready for the big push! Santa Claus (Jerry Baker, AU assistant instructor in education) takes time out along with the FOCUS staff to wish our readers a Merry Christmas!

Students Involved in Community Action



Diane DeVries

Fourteen Andrews University undergraduate students began tutoring underprivileged children in the Bard Elementary School, Benton Harbor, October 29, under the aegis of the AU Student Association Community Action Tutorial Program.

"The tutor's chief goal," says Diane DeVries, chairman of the AUSA Community Action Committee, "is to improve the image of school in the tutee's mind. Many of these pupils come from homes where the parents are poorly educated, and they need the incentive to learn that tutoring can give them."

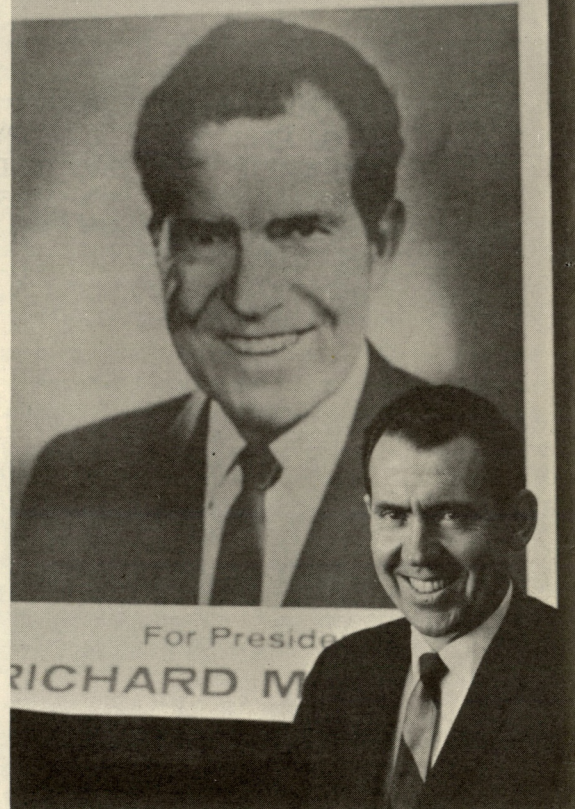
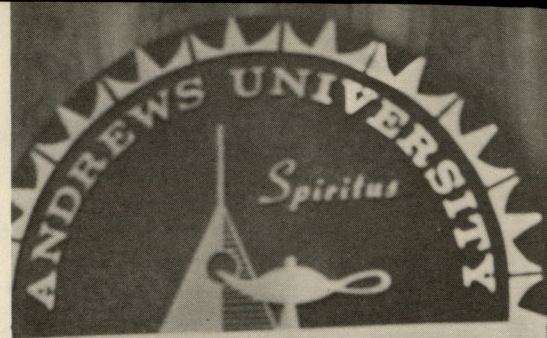
The tutoring project by AU students was initiated by Don Thompson in 1967, and during the year eighty students from Andrews participated. Thompson is a senior speech major and president of the College senior class. He comes to Andrews from Singapore where his parents are missionaries. Miss DeVries is a sophomore home economics major.

Cross Cuts

PRIVATE LIBERAL ARTS COLLEGES were lauded by Dr. Byron K. Trippet, president of Independent College Funds of America, Inc., as providing leadership in the quality of education out of all proportion to their size.

"The really stable citadel for education today may be the small free-standing college..." Trippet told more than 140 leaders in business, industries, and the professions at a dinner hosted by the Goshen (Indiana) College president's advisory board.

J. EDGAR HOOVER, speaking of youth problems today, said, "I have no hope for the situation at all, unless in the heart and soul of every American when he is young we can inculcate the ten commandments and the sermon on the mount."





Not two Nixons—but a look-alike in the person of Andrews University associate professor of education, Dr. George Akers. Akers has had some share of the limelight during the campaign and election of the president elect because of his resemblance to Richard Nixon.

It has been suggested that since Richard Nixon has been elected president, perhaps AU should provide Akers with some kind of security guard!

Akers, commenting on Nixon's candidacy: "He brings new hope to every man who thinks he's washed up. He's matured from defeat."

ANDREWS UNIVERSITY

FOCUS  

Vol. IV November-December, 1968 Vol. 6

Horace Shaw Editor
Opal Hoover Young Managing Editor
Editorial Board: Charles B. Hirsch, Donald Lee, Louis Pettis.

Published at Berrien Springs, Michigan, jointly by the University and the Alumni Association of Andrews University bi-monthly January-February, March-April, May-June, July-August, September-October, and November-December.

Final Accreditation Given To Graduate School

Andrews University has received notification that final accreditation has been granted for all of the master's degree programs of the School of Graduate Studies, according to J. G. Smoot, dean of Andrews University graduate studies. Preliminary accreditation, subject to further investigation, was granted four years ago. The present accreditation will be re-examined in approximately 10 years.

The graduate school was rated on its objectives, the availability of resources for fulfilling the objectives, the organizational structure of the institution, the adequacy of programs in kind and quality to carry on the goals, the faculty morale, student life on campus, and student achievement after graduation, said Dr. Smoot.

The graduate school was started in 1957 in Washington, D. C., under the name of Potomac University, offering master's degrees in education, history, and religion. After moving to Berrien Springs in 1960, the school was incorporated as a part of Andrews University and expanded its curriculum by adding graduate programs in English, mathematics, biology, music, business administration, and a master of arts for teachers.

The 1969 winter term for graduate studies begins January 6. Present enrollment is 229.

Registration Hits New High

Official registration figures for the 1968 fall quarter at Andrews University, according to Dyre Dyresen, director of admissions and records, total 2059, an increase of fifty over the 1967-68 school year. Enrollment distribution totals 1560 in the college, 229 in the school of graduate studies, and 270 in the seminary.

Discussing the enrollment figures, Dyresen said that the large graduating classes in the spring and summer of 1968 and the decrease in freshman applications seemed to forecast a decrease in enrollment this fall, but that the large number of transfer students from junior colleges picked up the slack and brought the total college enrollment above that of 1967-68 school year.

Last to Register



President Richard Hammill, right, greets Kermith Scarlett as he completes registration at AU. Scarlett, a junior biology student from Jamaica, had trouble obtaining a visa and so was one of the last full-time students to register. (Center) Dyre Dyresen, director of admissions and records.

Who's Who Among Students At Andrews University

The 1968 edition of *Who's Who Among Students in American Universities and Colleges* will carry the names of fifteen students from Andrews University who have been selected as being among the country's most outstanding campus leaders.

Students named this year from Andrews University are: Charles Cleveland, Berrien Springs, Mich.; Gary Edwards, Monroe, Mich.; Edward El-mendorf, Vassar, Mich.; David Evans, Fallou, Nev.; Janet Hare, Berrien Springs, Mich.; Lawrence Herr, Melrose Park, Ill.; Jerry Johns, Berrien Springs, Mich.; Paul Koch, Buffalo, N.Y.; Karen Lickey, Dallas, Tex.; Joseph Saber, Bradenton, Fla.; William Taylor, III, Battle Creek, Mich.; Madeline Thomas, Indianapolis, Ind.; Donald Thompson, Singapore; Kenneth Tkachuck, Broadview, Ill.; Nanette Wuchenich, Hamburg, Pa.

Andrews University is proud to endorse the names of these fifteen students who have been leaders in various organizations on campus or who have otherwise distinguished themselves as outstanding students.



Areas of counseling with the slated counselors were as follows:

- Anesthesiology, William E. Wolf, M.D.
- Architecture, Aarlyn Williams
- Bio-chemistry, Leonard G. Graf
- Civil service, Winslow B. Randall
- Commercial art, Judy Larson
- Data processing and computer technology, Julian P. Ulloth
- Dentistry, Robert H. Sundin, D.D.S.
- Dietetics, Sammy Howard (Mrs. Ralph)
- Education, J. R. Shull
- Engineering, Dean E. Davis
- Free-lance writing, Opal Hoover Young
- Graphic arts and commercial photography, John D. Freeman
- Industrial relations, Frederick W. Brown
- Law, Richard L. Huff
- Library science, Arlene Marks Grimley
- Management and tax consulting, James S. Barclay

- Medical technology, Charles F. Boothby
- Medicine—general practice, Luther W. Johanson, M.D.
- Ministry, Louis Venden
- Occupational therapy, Esther Hoen Caviness
- Optometry, Ralph Howard, O.D.
- Orthodontics, Bruce D. Oliver, D.D.S., M.A.
- Physics, Beverley Van Horne
- Physics research, Harold May
- Professional money management, Dort F. Tikker
- Professional piloting, Captain David I. Wolcott.
- Psychology and psychiatry, Charles Anderson, M.D.
- Public accounting, Floyd Costerisan, C.P.A.

- Public health nursing, Carol Moffit (Mrs. Arthur)
- Real estate development, Wayne S. Doran
- Social welfare, Jann Zerrenner
- Veterinary medicine, Jacque W. Neff, D.V.M.



The Student Lounge On Career Day



Academic Policies Committee Votes Weniger Fellowships

Eight \$1500 fellowships have been voted to graduate students for the 1969-70 school year by the Andrews University Academic Policies Committee.

The fellowships are named in honor of Dr. Charles E. Weniger (1896-1964), a distinguished denominational educator for three decades who was an academic dean at Pacific Union College, chairman of the department of applied theology and dean of the Seventh-day Adventist Theological Seminary at Washington, D.C., from 1948 to 1960, and the first dean of the Andrews University School of Graduate Studies.

The final date for application for the Weniger Fellowships is February 15. The eight awards will be announced on March 15 from the applications of those who qualify for entrance into the graduate school and show professional promise in their respective fields. Weniger fellowships will be granted to students in the departments of biology, mathematics, education, history, religion, business, English, and music.

Journalism Minor Is Offered at AU

A minor in journalism is being offered this year for the first time at Andrews University. It is the answer to a long-felt need among both administration and students.

Journalism courses will be taught by Dr. C. A. Oliphant, associate professor of journalism, formerly book editor at Southern Publishing Association, Nashville, Tennessee. Oliphant did his doctoral work in mass communication at the University of Iowa, getting his degree in June, 1968.

The minor was created in October when the curriculum committee voted approval of the ten journalism courses proposed by Oliphant. As for the future of a strong journalism program at AU, Oliphant says student interest is the determining factor. The associate professor is encouraged by the number of students currently enrolled in his beginning reporting class. Within three or four years, Oliphant hopes to realize a journalism major.



Dr. Charles E. Weniger

Beltz Scholarships Available To AU Music Students

Dr. Oliver S. Beltz, Loma Linda, California, is offering two \$300 scholarships per year to Andrews University church music majors for the next 10 years. Beltz, now retired, has been chairman of the church music department at Northwestern University, Evanston, Illinois, and more recently has been a voice teacher at Columbia Union College, Washington, D. C. He did his doctoral work in theology at Harvard University.

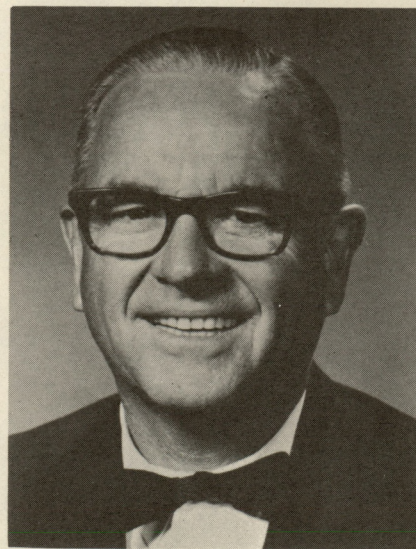
Dr. Beltz learned of AU's emphasis on church music and, wanting to give impetus to a neglected field of study in the SDA church, he decided to make the scholarship offer to AU, the only SDA institution offering the church music degree.

The scholarship recipients must be at least of sophomore standing and must be candidates for the bachelor of music degree with a church music major. With these qualifications, the student may get the scholarship for more than one year. The AU music faculty in consultation with the College dean, W. E. McClure, will select the scholarship recipients.

The first Oliver S. Beltz Scholarship was awarded to Patrick Stevenson, sophomore, October 15, by Paul Hamel, AU music department chairman.

AU Serves Community With Course in Church Administration

In October a new step was taken in the university's growing program of contribution to the local community with the initiation of an in-service training course for ministers of the inner-city area in Benton Harbor, Michigan. Meeting one night a week for two quarters, a course is being offered in church administration which will carry college credit. Under the direction of Dr. Steven Vitrano, AU associate professor of religion, the course is designed particularly for men who have not had the opportunity for formal training for the ministry. It will cover such topics as local church organization, committee work, church budget and finance, the services of the church with particular emphasis on the rites of baptism, the Lord's Supper, weddings and funerals, and the organization and procedures of a church visitation program. Assisting Vitrano in teaching are Dr. Elaine Giddings, professor of speech; Dr. Wilson Trickett, associate professor of business administration, and pastors John Kroncke, Paul Cannon, and Louis Venden. Director of education for the Whirlpool Corporation at Benton Harbor is in charge of publicity and physical facilities.



Fall Spiritual Emphasis Week featured F. W. Detamore in a series of Bible lectures. A 1928 alumnus, Detamore was honored at Alumni Homecoming last spring for his forty years of service to the denomination as a minister.

Graduate Degrees Offered in Education

By JAMES WALTERS, *Seminary Student*

"Well, the one thing that really impresses me," said an educational consultant from a large state university recently after studying AU's education department, "is the high quality faculty—it must have the highest percentage of doctorates in the country." It is a fact that of the department's 9 regular faculty members, 6 hold the Ed.B., 2 the Ph.D., and the ninth member is writing her doctoral dissertation.

But the unique aspect of AU's education department is its concept of Christian service. George Akers, associate professor of education, says, "Our students are immersed in and saturated with the distinctive philosophy of SDA education.

Largely responsible for making the education department one of AU's strongest is Dr. F. E. J. Harder, coming to AU nine years ago and serving as department chairman for the past six years. Now he sees his

faculty as one "the likes of which has never been assembled elsewhere in the denomination."

But the teachers, although highly educated, are not on the short end when it comes to practical experience. For instance, Dr. Akers has been dean of boys, academy principal, and college dean of students. Dr. Burrell has taught at the elementary, secondary, and higher education levels for a total of more than 50 years. Dr. Harder has taught at all levels from first grade to doctoral candidates, has served as superintendent of education, college president, and urban minister. All but three of the faculty have taught abroad as well as in the United States.

An unusual feature of the education faculty involves four of the eight to ten part-time teachers who teach specialized courses for the department. Clifford Jacqua, associate professor of education, divides his time between graduate education teaching and his



Dr. F. E. J. Harder, professor of education and chairman of the education department, checks through the files of graduate students with his secretary, Mrs. Beth Habenicht.

administrative position as superintendent of the AU lab schools (K to 12th grade). Harder explains, "We want up-to-date methods of school administration taught in our courses, not methods of fifteen-year vintage. This 'half and half' teaching schedule helps keep a teacher fresh." Robert Moon, finishing a doctorate at Michigan State University in computer related education, will teach part time in the education department and part time in the academy next year. Donald Van Duinen, also at Michigan State this year (audio-visual education), is principal of K to 6th. Both he and Mr. Jordan, principal of the Junior High school and now writing his doctoral dissertation (language arts), will divide their time between university teaching and their administrative posts.

Two Degrees Offered

The Master of Arts and the Master of Arts in Teaching degrees are designed to be as useful as possible to education personnel. Whereas the MA degree prepares the teacher in various educational services (see below), the MAT is designed for the classroom teacher.

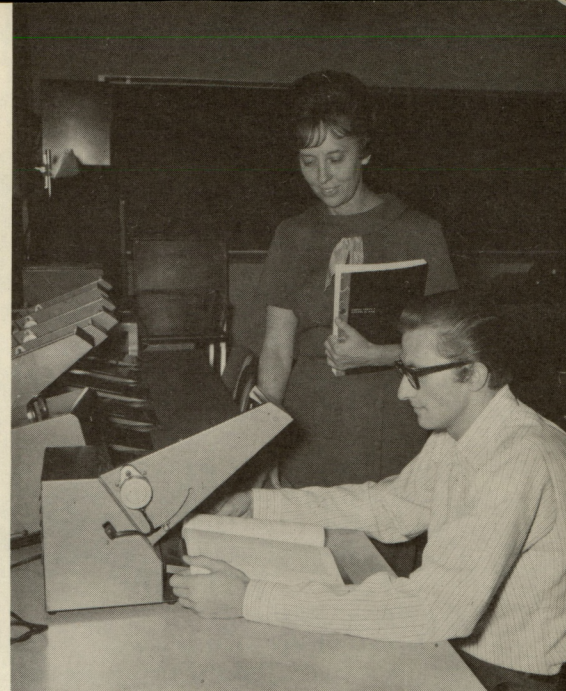
The MA degree is divided into five different areas of specialized education services called "concentrations" or "job preparations."



Dr. Ruth Murdoch, professor of education at Andrews, administers a test to Jerald Evans, in which the child transfers patterns of shapes and colors shown in a manual to a set of blocks.

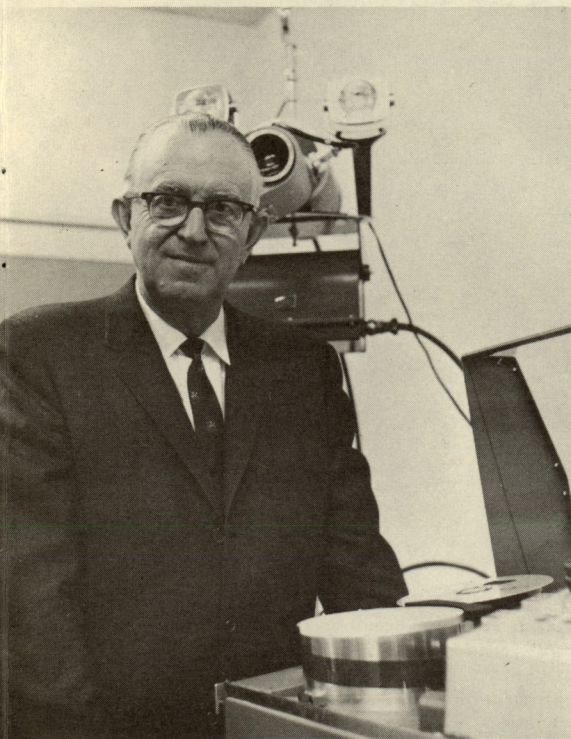


Lawrence Brook does some research in the Training Materials Center (TMC), and a librarian, Judy Sauff, checks other material.



Miss Urbish, assistant professor of education, watches Ken Tkachuck use a rapid-reading machine. The machine projects a beam of light across the page that moves from top to bottom of the page at the speed set by the reader. As his speed increases, he sets a faster pace for himself.

Dr. Wilton H. Wood, professor of education, stands by some audio visual equipment in his department, a closed circuit TV which is used to make or to record study materials for replay in the classroom.



1. School administrators. Training is offered in this area for elementary and academy principals, conference and union superintendents.

2. Guidance and counseling personnel. This concentration is for school guidance officers.

3. School psychologists. Whereas the guidance counselor deals with career-selection, general aptitude testing, school-life problems, etc., the school psychologist is concerned with the disturbed and handicapped students, especially those who may be in need of therapy.

4. Instructional supervisors. In large school systems supervisors are needed to help beginning teachers; this area of education prepares a local conference supervisor to more effectively upgrade the quality of teaching in his system.

5. Religious education. The teaching mission of the church is emphasized here. Bible instructors and conference departmental secretaries who in actuality are "teachers" get needed specialized training.

The MAT degree is an interdepartmental degree designed to prepare the classroom teacher. Since the classroom teacher needs more than educational methods and procedure training, this program adds graduate level subject-material study in areas in which the teacher will be instructing. Professional preparation and in-depth subject matter are combined.

Both secondary and elementary teachers may earn the MAT. The 48 required credits for the degree are divided into 3 equal blocks of study (16 credits each). One block is in professional education (teaching procedures, etc.); the second 16 hours is taken in the area of the student's teaching concentration; the third area is different for the secondary and elementary teachers. The secondary teacher can take courses in his college minor field and qualify for teacher certification in that field. The elementary teacher, in consultation with his advisor, can strengthen any area(s) which will enhance his ability.

70 Degrees Last Year

Although AU is not the only SDA school to offer an MA in education, only AU offers the MAT. Last year 70 AU students received a master's degree in education—52 the MA and 18 the MAT. Dr. Harder expects a large increase in MAT degrees over the next few years because prior to this year the MAT program was exclusively for secondary teaching; now elementary teaching is included.

(To page 10)

CORPUS Training

By ALBERT DITTES, *Seminary Student*

Photos by Hewlett

To develop the *Corpus* portion of the Andrews University three-fold education goal (*Mens, Corpus, Spiritus*) in a student, the physical education department has a gymnasium, enclosed swimming pool, softball diamonds, tennis courts, a soccer field and football fields. It offers instruction in gymnastics, tumbling, badminton, volleyball, basketball, golf, football and softball activities. Though the physical education major spends a good share of time hardening his body, his intellect isn't allowed to soften, for out of the fifty-five credits required for a degree from the department, thirty-seven of these are earned in the classroom studying secondary methods, tests and measurements, philosophy of physical education, kinesiology, and recreational supervision.

"Our bodies are the living temples of God," says gymnastics and tumbling instructor Bob Kalua when discussing the philosophy of tumbling, "and this is a tool with which to show the benefits of Christian living when the body is used and not abused."

To teach the students better physical and mental dexterity is a staff of four: Bob Kalua, gymnastics; Miss Sandra Dalzell, team activities for women; Miss Ingrid Johnson, indi-

vidual sports for women; and Mr. Farrell Brizendine, team and individual sports for men and chairman of the department.

The physical education department has facilities which are constantly expanding. The Alvin Johnson Gymnasium has a 97' x 150' floor space which contains two basketball courts, seven badminton courts, two tennis courts, and three volleyball courts. It is also used for college assemblies and Saturday night programs. The Beaty Indoor Swimming Pool has a 40' x 75' area, the lowest depth being twelve feet. The pool has a one-meter diving board and a three-meter diving board. The top floor of the swimming pool building contains a small gymnasium with two four-wall handball courts and a seminar room.

The outdoor recreational facilities include a general recreation area field with four flag-football fields, three softball diamonds, and four tennis courts. The quarter-mile track encircles another flag-football field. In the spring, pits will be dug in this en-



Three members of the AU Gymnastics practice for their Saturday night program, February 1, 1969. "The Jackson" three-man pyramid is done by Richard Ross, top; Terry Hanafin, left; and Don Dinning. The Gymnastics team, consisting of about thirty members, has been invited by the General Conference to perform at the SDA world youth congress, summer of 1969, in Zurich.



Rick Gatling, junior physical education major, checks out one of two new putting greens. The greens should be in excellent shape for use next spring in golf classes. Farrel Brizendine, head of the physical education department, is holding the flag.

A group of swimmers enjoy the new Olympic-size swimming pool recently by board action named the Earl Beaty Pool. Beaty was a staff member in the business department of AU, 1924 to 1962, and he still resides in AU community.



The Heshbon Expedition

Reported for Focus by

Siegfried H. Horn, C. Mervyn Maxwell, and Douglas Waterhouse



Photo: Avery V. Dick



Dr. Horn, director of the Heshbon expedition, stands at the sign indicating the project is sponsored by Andrews University on the Amman-Madaba highway at the ascent of the Mound of Biblical Heshbon.

Photo: G. J. Unger



Arab workmen dig with pick and trowel.

Photo: Avery V. Dick



Painted vessel recovered from a large cistern, from which came 68 buckets of broken pottery and a few complete vessels.

Photo: Avery V. Dick

View from the summit of the Mound of Heshbon toward the northwest showing the neighboring Mt. Nebo to the left from which Moses viewed the Promised Land before his death.

Photo: George J. Unger



Staff of the Andrews University Heshbon Expedition of 1958 numbered over forty members.

Photo: Avery V. Dick



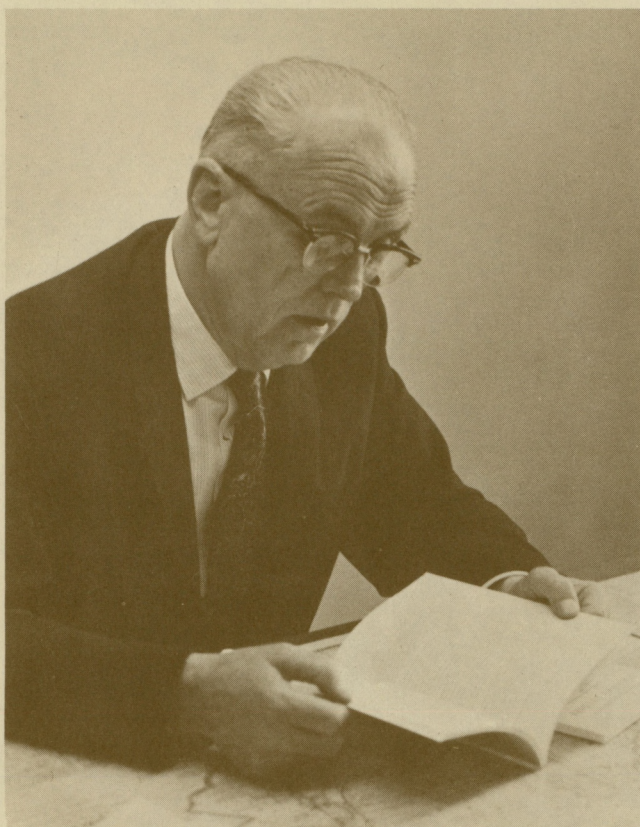
... Anthropologist Robert Little excavates the skeleton of a large cat, probably a lynx, in a Hellenistic level.

Photo: Avery V. Dick



The First Season of Excavation

By Siegfried H. Horn



Dr. Siegfried H. Horn, professor of archaeology and history of antiquity at Andrews University and director of the Heshbon expedition.

Photo: Gayland Richardson

ANDREWS University launched out on a new venture last summer by beginning a series of excavations at Biblical Heshbon in Jordan. The first season had originally been planned for the summer of 1967 and was scheduled to start work June 5. The five-day Arab-Israeli war destroyed this plan. While the political situation in the Near East was still tense and the shooting between Jordan and Israel in the Jordan Valley went on frequently during the weeks of the expedition's work at Heshbon, its work was never interrupted and all plans were carried out according to schedule, from July 15 to August 30, 1968.

It was a large staff of 42 Americans, Canadians, and British, who with the help of 146 Jordanians carried out the first season of excavations at the ruin hill of the capital of Sihon, King of the Amorites, whom Moses and the Children of Israel defeated after entering the Promised Land. The expedition headquarters was the Adventist school in Amman, graciously placed at our disposal by the Middle East Division. That building with its courtyards served us ideally. To have pleasant accommodations was to a large measure responsible for the high morale of the staff under a strenuous daily program and for the success of the work.

THE American School of Oriental Research of which the Seventh-day Adventist Theological Seminary has been a corporation member since 1941 furnished all equipment and also field archaeologists trained in past expeditions. The architect, surveyors, photographers, an anthropologist, and professors and students who desired to obtain training in field archaeology, were all volunteers and represented a variety of universities, theological seminaries and colleges.

Since no archaeological work had ever been carried out on the mound of Heshbon, the first season had the nature of an exploratory endeavor. Four areas were chosen:

AREA A was on top of the mound where several column bases were visible before the excavations started. One could expect to find here the remains of the most important building of the ancient city: A church or a temple. Already in the second week of our work it became obvious that we were dealing with the church of the early Christian centuries, destroyed by the Arabs after their invasion in the 7th century A.D. Fragments of the multi-colored floor were discovered in the apse, also in the central aisle, and in a side chamber next to the apse. These mosaics were lifted from their ancient bed of cement, embedded in re-enforced concrete and transferred to the regional museum at Madaba. Pieces of painted plaster which once had covered the walls of the church filled several buckets. Among them was one which carried in Greek letters the name of the prophet [D]anie[1].

In Area B on a lower ledge of the mound than Area A we excavated a smaller space and went into depth as fast as we could to ascertain how many strata of occupation we could expect to encounter in future seasons of excavations. We here discovered, studied and removed Arabic, Byzantine, Roman and Hellenistic occupational remains. When our work came to a halt at the end of our season we were engaged in digging up a 3½-foot thick wall constructed between the time of the Babylonian exile and Alexander the Great. It was the deepest penetration of the mound, and it was here that a potsherd inscribed with a Hebrew text came to light, and also a few painted sherds of the Late Bronze Age, the period in which King Sihon lived.

IN Area C on the western slope of the mound we hoped to find the city wall of ancient Heshbon. This search has so far been unsuccessful. Instead we encountered a thick layer of debris washed down from the top of the mound by winter rains of hundreds of years. In one of the squares of this area we discovered and cleared out an 18-foot deep cistern from which we obtained 68 buckets of

potsherds and a few complete vessels. These complete vessels were retained by the government of Jordan in the division of finds.

Area D proved, as expected, to be the ascent to the acropolis, consisting of a stairway-like street flanked by shops and storage buildings on both sides.

THIS first season of excavations at old Heshbon proved to be far more rewarding than one could have expected, and we returned from it not only richer in archaeological experience, but also loaded with a great collection of finds. In the first place, we registered and prepared for shipment to America more than a thousand pounds of pottery which gives us the means of dating our architectural and other ancient remains. Furthermore our anthropologist analyzed thousands of bones and shipped them home for further study. And last but not least, we came home with many coins, needles, nails, rings and other objects of metal, stone, bone ivory, and colorful glass.

WITH great anticipation we look forward to the next season at Biblical Heshbon in 1970 when we expect to penetrate strata containing remains of the period of the Hebrew monarchy and hopefully of the time of Sihon and Moses. We herewith express our thanks to all our friends who supported us so generously in the abortive 1967 expedition and in the successful 1968 season and encourage them to continue their support, because without it our work cannot be completed. A series of five articles presenting detailed accounts of the history and organization of the expedition, of the history of Heshbon, and of the archaeological methods applied and the results achieved, will appear in forthcoming issues of the *Review and Herald*.



Crown Prince Hassan signs the guest book during his visit to the excavations at Heshbon.

Photo: George J. Unger

Workmen at the Heshbon expedition return their tools at quitting time.

Photo: George J. Unger



Heshbon, Hornets, and History

By C. Mervyn Maxwell



Dr. C. Mervyn Maxwell, professor of church history and a member of the Heshbon expedition.

Photo: Ed Shafer

ONE of the most fascinating statements in the Old Testament is God's promise to "send hornets" to drive out the inhabitants of the promised land "from before" Israel.

Did God fulfill this promise? In none of the day-to-day accounts of battles fought by the Israelites is such a manifestation of His providence logged. The Israelites did a lot of fighting, and often they were helped by various miracles, but did God ever send hornets?

Apparently He did. Joshua, in his farewell speech before his death, quoted God as saying, "I sent the hornet before you, which drove them out from before you, even the two kings of the Amorites; but not with thy sword, or with thy bow."

The "two kings of the Amorites" referred to here are known to us by their names, Og and Sihon. And the capital city of King Sihon was, of course, Heshbon, the site of the Andrews University dig last summer. So we who were there dug into a site that had been conquered by the promised hornets!

Incidentally the Biblical account of the conquest of Heshbon throws light on the meaning of God's promise; for whereas Joshua 24 says that God sent hornets to overthrow King Sihon "not with thy sword nor with thy

bow," Numbers 21 says that "Israel smote him with the edge of the sword."

Apparently when God promised to send hornets—either the familiar insects or something which the term symbolizes—He did not intend to overcome the Amorites with hornets alone, but to send hornets as a decisive military factor to assure victory of Israelite arms.

The ruins of Heshbon are rich in historical lore, this being, of course, one of the major reasons why Dr. Horn chose the site. Each morning as we arose at 3:45 (a quarter to four), ate our breakfast of uncrisp Kellogg's Cornflakes and little spotted bananas—at 4:00, and drove out to arrive at "the Mound" by 5:00—it was impressive to think of the centuries of life that had gone on there, and to wonder what new evidence of it we could find today—perhaps only two more inches below the surface we had left the night before.

SIHON was an Amorite, a member of a race God devoted to destruction because it had filled its cup of iniquity (Genesis 15:16; Lev. 18:25). What tragic immoralities had been committed on the soil beneath our feet! It was better perhaps *not* to think about them.

Once the land was conquered, Joshua gave Heshbon to the tribes of Reuben and Gad. "The sons of Reuben" rebuilt the city (Numbers 32)—apparently as a labor of love, for Heshbon with its pasture land soon became one of those cities reassigned to the Levites (Joshua 21).

In the confused days of the Judges, when the Israelites often lacked a centralized government, the Moabites' strongman, Eglon, conquered the area (Judges 3) and likely placed an occupation force in Heshbon. But it didn't last long, for Eglon was that very fat man into whose abdomen the judge Ehud sank a dagger to the tip of its handle.

In the days of King Saul, Heshbon was lost again. David won it back and in the course of time began his ill-advised census in the territory just south of it.

AS we dug it was not hard to visualize the soldiers coming and going through the centuries, or to hear the wails of women whose husbands had been killed in battle, for even as we worked the sounds of war were in the air. Frequently we heard shelling down at the river Jordan as the modern descendants of the Israelites continued to fight with the modern possessors of the land.

Less easy to picture in the imagination, in view of the barrenness of the countryside, was a poetical allusion in the Song of Solomon, where the romantic monarch describes his beautiful sweetheart as having a neck "like an ivory tower," and eyes "like the fishpools in Heshbon."



Fragment of a Greek inscription on white plaster from the walls of the church reading [D]ANIE[L], had probably been over the head of a picture of that prophet.

Photo: Avery V. Dick

Below: A fragment of multi-colored mosaic floor from the apse of the excavation church, probably dates to the 6th century A.D.

Photo: Avery V. Dick



Below: The excavation of the remains of the ancient church of Heshbon in progress. In the right foreground is the apse with a cistern built in during the Arab period after the church had been destroyed. Three column bases dividing the central aisle from the northern side aisle can be seen in the center, also the northern outside wall running left to right in the picture.

Photo: George J. Unger



WHEN Israel divided into two kingdoms at the death of Solomon, Heshbon became part of the northern kingdom; in time it reverted to the Moabites (Isaiah 15 and 16), was loyal to Babylon in the days of Nebuchadnezzar, hatched a plot to overcome the Moabites in the days of Jeremiah (chapter 48) and joined the Ammonites only to be defeated when they were (Jeremiah 49). The Jews got it back under the Maccabees; Herod fortified it against the Nabateans; the Romans got it in the time of Christ; and the Jews sacked it during the war of A.D. 66 to 70. When the Romans organized the province of Arabia Petrae in A.D. 106, they made Heshbon one of the province's main market towns; when the emperor Hadrian proposed to visit the area around A.D. 130, just prior to the revolt of Bar-Cochba, a highway from Jerusalem to Heshbon was prepared and milestones, in good Roman fashion, were placed every Roman mile along the road. Three of these milestones have been found giving the distance from Heshbon in miles. The fact that they contain references to the Roman Emperors down to the late fourth century, indicates that Heshbon continued to be a relatively important city during all that time.

IT is not known when the city was converted to Christianity; the acts of the Council of Nicea (A.D. 325), however, and of the Councils of Ephesus (A.D. 431) and of Chalcedon (A.D. 451) each contains the name of a Bishop from Heshbon.

In the seventh century came the Mohammedan conquest, probably around 625. An extant letter written by Pope Martin in 649 to Bishop Theodore of Heshbon about a theological matter is proof that Christians continued to exist there for at least a generation after the Islamic invasion.

It was of great interest to all of us that we actually found the remains of a church in Heshbon, perhaps the very church where Bishop Zosus rendered his report of the Council of Ephesus when he returned home after attending it, or when Bishop Theodore read to his congregation the friendly letter from Pope Martin.

THE church had three floor levels, representing three different periods of occupation. The uppermost layer, the most recent of the floors and the one on which we found our best mosaic, was considerably smaller than the lower, earlier floors. The church had been made smaller before this floor was laid by the placing of two or three courses of stone inside the old church walls. It is a natural inference that the congregation had grown smaller with the years; that the pressures of taxation and Islam had led more and more Christians to exchange Jesus for Mohammed. In time, of course, Christianity died out completely and the church ceased to be used.

In fact, the city as a whole fell upon hard times. Perhaps it was destroyed in an earthquake known to have hit the area around 790. Mention of the city all but disappears from literature. A biographer of Saladin, wrote in 1184 that an army of French crusaders encamped one night "close to a village called Heshbon." An Arabic geographer of the 16th century calls it the capital of a fertile district,

but adds that it "is a little town." In the 19th century it was uninhabited. A hamlet has sprung up again only in the past few years.

OF course as we were digging we got all this history—such of it as we were able to get on this first expedition—in reverse. Archaeology is like opening a book at the back and proceeding towards the front, paragraph by paragraph. At least it would be this way if it were possible to open up the whole tell at once, but that would be too expensive. Only a few carefully conducted, scientific probes can be conducted here and there over the mound. So archaeology is more like reading fragments of phrases, here and there, on a page, now and then, in reverse. A story read like this cannot always be fascinating. Indeed, I found the process on a day-to-day basis often tedious; even dull. And with sand blowing into one's eyes, and the temperature uncomfortably cold in the early morning and wearisomely hot after 12:00, the story was not only tedious and dull, but annoying and irksome besides. More than once I wished myself back home getting something done.

But as the pieces came together, the excitement grew. Like any good continued story—even a continued story in reverse—the 1968 chapter closed at its highest point of interest. In one square where I worked we were able to look back at the cross-section of the layers down through which we had dug and recall that in the uppermost layer we had found Arabic pottery, in the layer just below it, Byzantine pottery; below that, Roman pottery; then Hellenistic; and in the layer between that and bedrock, iron-age pottery—just as it was supposed to be. In our last few days some of our most interesting finds came to light. A supervisor said to her workers, "Clear up that rough spot in the corner of your square so we can leave the place looking neat." Three or four inches below the surface they came across a whole Roman kitchen with a tiled floor and ceramic oven. The same supervisor asked another team to clear up another irregular spot, and as they did they came across an almost complete skeleton of a woman.

BEST of all, in the last few days of our dig we actually came across some of that crucial Late Bronze age pottery of which no pieces had ever been picked up on the mound, for which reason many scholars had questioned that the city had existed in that period. They say the Exodus must have occurred at least two centuries later than the Bible says it did. But we actually dug up fragments of dishes and kitchenware that the Amorite subjects of King Sihon may have dropped and broken in the days when Moses was camped at Nebo and dispatching his ambassadors to their king; and when God was getting his hornets ready for the battle.

To have taken part in this expedition and shared in the rich history of the past was exciting enough. Actually to have uncovered evidence on our first year of excavation to help justify the Biblical chronology for the date of the Exodus, was most rewarding indeed.

Impressions of the Heshbon Dig

By Douglas Waterhouse



Douglas Waterhouse, assistant professor of religion at Andrews University and a member of the Heshbon expedition.

Photo: Bruce Lee

THE scorching sun fiercely shone. A continuous northwesterly wind stirred up dust and sand. Nose and lips smarted in the unrelenting, dry heat. Two of us struggled to maintain a concentration upon the work at hand: obtaining exacting measurements of an uninteresting protrusion of cleared debris. Suddenly, my companion turned to me in a burst of impatient exasperation: "Archaeology may be thought of as a romantic avocation, but actual involvement with a 'dig' soon casts out any such notions of romance!"

True, a Near Eastern excavation campaign does consist of long, tedious hours of labor under uncomfortably trying conditions. And yet, can the romance of Biblical archaeology be so easily swept aside? Romance is vividly present on the *tell* ("ruin") of Heshbon; a dead city—death exemplified here and there by a lonely column or part of a decayed arch. All around everything, seemingly, has crumbled into dust. Living inhabitants once thronged thoroughfares that now only exist in the imagination of the modern beholder. Scattered stonework and countless sherds of centuries upon centuries testify that human labor is "an empty breath and a grasping at the wind" (Eccl. 1:14).

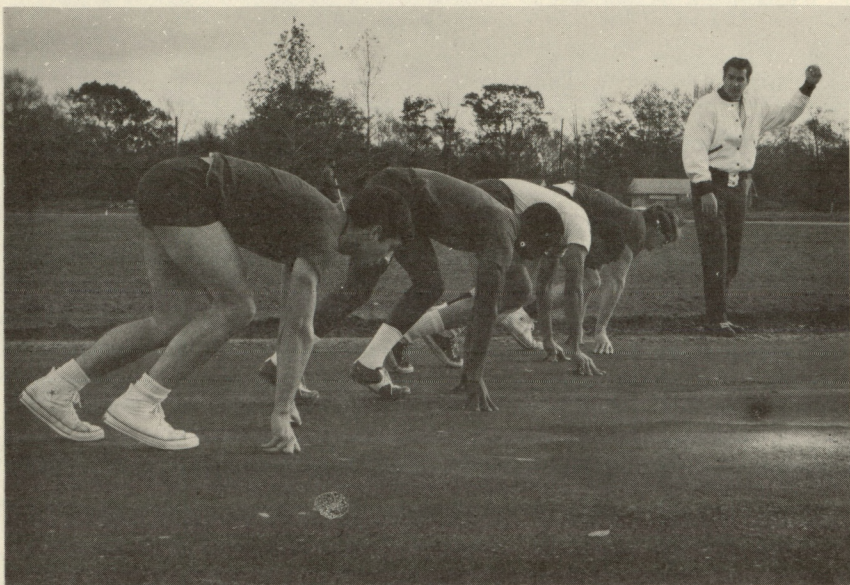
ROMANCE is not diminished by the dramatic sweep of the landscape—steeped in history—surrounding the *tell*. If not inspiring, the view is stunning. Toward the southwest, clearly discernible, is the living spectacle of Biblical Mount Nebo, gradually rising and then plunging precipitously into the depth of the Jordan Valley. Way beyond, across the chasm of the valley, the eye feasts upon the distant ridgeline of the mount of Olives. Far below is not only the northern tip of the Dead Sea, but also a conspicuous smudge of greenery, representing the famous "palm city" of Jericho. In the immediate foreground a donkey quietly grazes; a donkey of the same hoary breed utilized by the prophet Balaam (Num. 22:21) and Zion's true king (Zech. 9:9; cf. Matt. 21:1-7; John 12:14).

MEANWHILE, there is the work of digging down into the city of yesteryear. With every fall of the pick more sherds are brought to the light of day. This, too, is romance. For there is the thrill of learning "to read" the broken pottery fragments; of being able to ascertain the "age" of a given stratum of the *tell* by the type of pottery which it yields for the scientific excavator. And who knows what important discoveries lie yet further down in the soil? The excitement of discovery is there.

Romance sustains the archaeologist; and he needs sustaining! Up at 3:45 a.m. (or even earlier, if the loudspeakers of the nearby minaret-tower had penetrated the slumberer's consciousness with its first call to morning prayer), all are assembled for breakfast at 4:00, so that work can begin at the mound by 5:00. After three and one-half hours of digging, a second breakfast is served (8:30 to 9:00 a.m.). Hunger temporarily abated, four and one-half hours more work follow—hours that sometimes become long in the unmerciful wind and sun. One-thirty in the afternoon was the official quitting time, but work did not end even then. Back at our headquarters in Amman, afternoons and evenings frequently were filled with writing field reports, work on pottery, listening to lectures, staff meetings, and chores. It was an exhausted "crew" when the lights went out at 9:00 p.m.

GRUELING as the "dig's" daily schedule might be, it presently is the most efficient way to obtain solid results. Field archaeology "is the application of scientific method to the excavation of ancient objects, and it is based on the theory that the historical value of an object depends not so much on the nature of the object itself as on its associations." Since the process of excavating destroys, the context of a discovered object only can be preserved by close observation, recording, and careful interpretation. The rewards of such efforts are immeasurable. It is the Bible which predicts, ". . . knowledge shall increase" (Dan. 12:4). It is toward this hope that we labor.

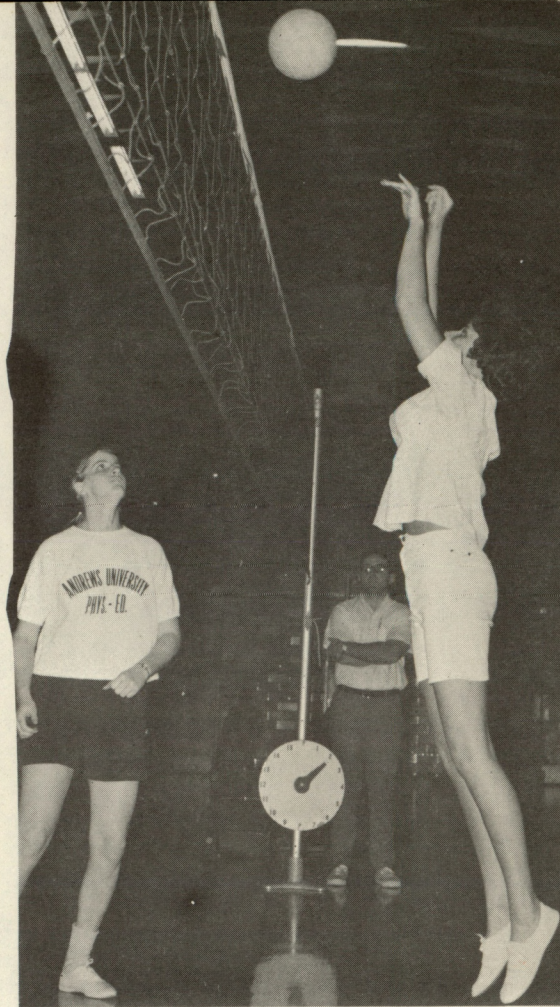
Get Ready, Get Set, Go!



Above: Coach Robert Kalua starts Stan Detweiler, David Henry, Carl Harris, and Steve Burke (left to right) on the new track on the west side of the campus. The quarter mile track has been seeded and covered with one layer of asphalt; another layer will be laid in the spring. Future plans include a one-inch rubber finish.



Above: Steve Burke, sophomore physical education major, and Bob King, junior biology major, watch Bob Jerzyk, junior math major, shoot for the basket in the Johnson gymnasium. The gymnasium name was recently voted by the board to commemorate Dr. Alvin Johnson, president of AU, 1943 to 1950.



Marilyn Grosboll makes a high leap to return the volleyball which Carolyn Schlapa has just served.

closure for the broad jump, high jump, pole vault, discus throw, and the shotput. For foreign students who have no background in either baseball or football, a regulation soccer field will be laid, and there will be a nine-hole practice-putting green located between the Johnson Gymnasium and the Beaty Pool.

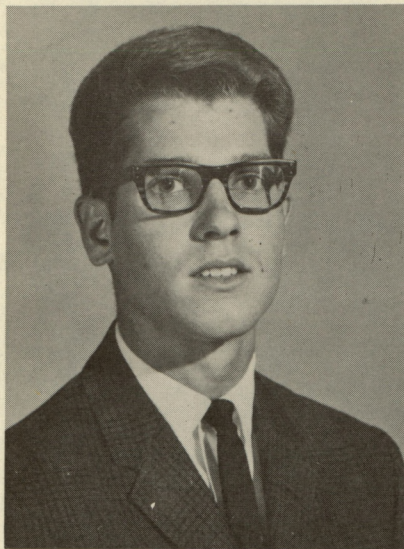
One of the more popular features of the physical education department this year is the tumbling team called the "Gymnics." Under the coaching of Bob Kalua, the twenty-five-member team performs such demanding dexterity stunts as unicycling, rebound tumbling, balancing block tricks, and teeter board acts. The Gymnics have been invited to perform at the 1969 Youth's Congress in Zurich, Switzerland, and are currently working hard to raise enough money to pay the expenses of the trip to Europe.

Of the fifty-three students who are majoring in physical education, most are planning teaching on either

the secondary or college level. Twenty-one of the fifty-six graduates of the past are now teaching in the Seventh-day Adventist education system.

Although the facilities and staff of the physical education department are operating to develop sound physical and mental health, the main purpose of the program is to develop Christian character. "If a student doesn't develop in this area," says Farrel Brizen-dine, chairman of the department, "he has fumbled the ball in the game of life!"

Visit the physical education training facilities at Homecoming time—April 25 to 27, 1969.



Bruce Bauer

AU Theology Senior Back from Japan Post

Bruce Bauer, a senior theology major at Andrews, recently returned from Osaka, Japan, where he spent a year teaching English conversation at the Osaka Seventh-day Adventist Center Language School under the sponsorship of the students at Andrews University. The AU students provided the money for the project.

Bauer taught at the three-story church center built in 1956 from funds from the thirteenth Sabbath overflow offering. It lay dormant until 1966 when Pastor M. T. Bascom, director of the center, and Jim and Ann Fisher, student missionaries from Pacific Union College, Angwin, California, started an English language school. The initial enrollment was forty-two; but last year, Bauer worked with an average of 650 students each quarter.

About ten percent of these students attend the Bible classes which are offered, Bauer states; and the students from the language school composed the bulk of the four hundred people who regularly attended a recent series of meetings conducted by Pastor Bruce Johnston, formerly from Andrews University and now evangelist for the Far Eastern Division of Seventh-day Adventists.

Three other students from AU, Dennis Belsh, Doug Matacio, and Howard White, followed Bauer to Osaka to teach English to the students.

Graduate Education

(From page 7)

Christian Philosophy of Education

Although AU's education department offers a diversified, strong program taught by highly qualified instructors, some Adventists say, "I can get an equally good education at my state university; so why attend costly Andrews?" Dr. Richard Hammill, AU president, answers, "A man is taught how to make a living at his chosen vocation in a public university, but a Christian university educates the total man to hold a unique world outlook of which the profession is merely a part. The whole concept of one's profession is different at a Christian school." Hammill sees AU's purpose in graduate education as not merely preventive (i.e. keeping SDA students from being unduly challenged by alien concepts) but positive in that it educates toward a Christian whole-world, total-man outlook.

"The unique Christian philosophy of education as shown by Ellen White permeates the presentations given and discussions led by the AU education faculty," says George Akers. He views his job of teaching future Seventh-day Adventist teachers as more than imparting knowledge and technique."

George Akers, the department's articulate, Bible-based, reality-orientated

thinker, views the Seventh-day Adventist church (especially as typified in education) in the "crisis of adaptation." Believing explicitly in the educational principles laid by Ellen White, Akers says, "It takes a dedicated teacher to apply the Spirit of Prophecy to the immediate challenge of the changing context in this era of explosive change." AU's department of education sees its place in the denomination, in regard to education, as addressing itself to the challenge of reclothing the ancient truths in modern garb. "We must give the absolute truths relevancy without losing their sacred relevance," comments Akers. Hence, AU is on the cutting edge between the changing and the changeless.

Akers laments the fact that some people compare yesterday's forms with today's ideas, and these folk feel the ancient commitments are being neglected and laid aside. He admits there will always be tension when the old truths are being applied to modern realities. "But unless the theory is applied to the 'now,'" says Akers, "it will lose its vitality and relevance. History has taught us that the institution that can't adapt will perish."

Oral reading of the Scriptures was broadcast on campus during the annual Bible week in October. Above, Hans Krenz, senior French student, takes his turn at reading, and listening (left to right) are Dr. Steven P. Vitrano, sponsor of the program and associate professor of religion at AU; Dick Thorp, sophomore theology student; and Deane Wolcott, junior psychology student and president of the Student Association.





AU Professors Participate In MU Discussion Series

SDA students attending the University of Michigan are conducting a lecture-discussion series at the Michigan Union on the Michigan University campus at Ann Arbor. The series features four AU professors: Dr. Leonard Hare, "Can We Find God in the Cell?"; Dr. Richard Ritland, "The Planet Earth—Accident or Design?"; Dr. Gottfried Oosterwal, "Taboos, Demons, and God"; and Dr. Mervyn Maxwell, "Can A Thinking Person Believe?"

Midwest AAF Chapters Hold Weekend Retreat

Midwest chapters of the Association of Adventist Forums held a retreat during October when about 100 graduate students from six university campuses met at Camp Timber Ridge in southern Indiana.

Local officers Bill Peterson, president, and Don McAdams, secretary-treasurer, led in planning the weekend activities.

Highlights of the occasion were a religious choral drama, "Strangers Outside the Feast," directed by Dr. Elaine Giddings, AU professor of speech; a unique Sabbath School lesson study by two Vanderbilt University graduate students; preaching service by James Londis, Atlantic Union College religion department; an early-church-type celebration of the Lord's Supper; and a group dynamics entitled "Role-Playing for Fun," directed by an Ohio State University graduate student.

Roy Branson, executive secretary for the national AAF Board, feels the

Seminary Student Forum officers lay plans for chapel presentations and other educational activities the Forum will sponsor this year. Officers are (left to right): Roland Rainer, chairman; Paul Meier and Jim Walters, first year representatives; Jere Webb, second-year representative; Herold Weiss, faculty sponsor; and John Leach, second-year representative.

Educators Meet at Andrews Discuss Textbook Methods

Dr. Benjamin Willis, former general superintendent of schools in Chicago, and Miss Barbara Johnson, a specialist in the field of curriculum for social studies, met with Andrews University administrators and professors of education to discuss ideas for the publication of character-building textbooks in the public schools.

These eminent educators had heard of the work of Seventh-day Adventists who they thought might have constructive insights on how to teach moral standards to students without including religion—the topic discussed during the two-hour meeting. All agreed that the classroom teacher plays a crucial role in imparting proper sets of values to students.

While at Andrews, Dr. Willis commented on the congenial fellowship in the Campus Center lounge of students from all over the world. He called the lounge "the hub of the school."

Dr. Willis and Miss Johnson made the contact with the AU teachers through Dr. Raymond Moore, former chairman of the education department at Andrews.

retreat served to "foster fellowship within the context of the Adventist church for graduates in Adventist and non-Adventist institutions."

AU Extension Schools

● Thomas Blincoe of the Seminary systematic theology department at AU, with Pastor R. L. Odom of the General Conference and Dr. William Landeen of Loma Linda University, conducted an AU extension school for the ministers of the Central and Northern California conferences this summer. A four-hour-credit course in Christology was taught by Pastor Blincoe, who has returned this fall to AU after four years of study at Union Theological Seminary, Richmond, Virginia. The extension school was held at Pacific Union College.

● Under the direction of Dr. Wilber Alexander, chairman of the department of applied theology, Andrews University, an AU extension school was held this past summer at the West Indies College, Mandeville, Jamaica. Courses offered were New Testament Theology, taught by Dr. Herold Weiss, assistant professor of New Testament at Andrews Theological Seminary; Righteousness by Faith, taught by Dr. Alexander; and the regular course in public relations offered each year at Andrews. The course in public relations was under the direction of Dr. E. Willmore Tarr of the Bureau of Public Relations at the General Conference.

● Dr. Raoul Dederen, Andrews professor of theology and Christian philosophy, will direct a Seminary extension school at the Adventist college in Argentina, January 4 to February 28. Elders E. E. Cleveland and R. L. Odom of Washington, D. C. will assist in the eight-week school. Cleveland will teach courses in evangelism, and Odom, in history of the Sabbath and Sunday. Dederen will teach a course in Christology.

Dow Chemical Gives Equipment

The chemistry department of Andrews University received technical equipment and chemicals originally valued at over \$6,000.00 from Dow Chemical Company, Midland, Michigan.

There have been at least five other times in the last ten years when Dow Chemical has made substantial donations to AU, recalls department chairman Dr. Dwain Ford.

Simulated Tornado Touches Down at Andrews

Photos by Ed Shafer

A simulated tornado disaster hit Andrews University, October 20. In the first operation of its kind for Berrien County this year, approximately sixty-five "victims" were rescued, bandaged, given first aid, and transported to an emergency area at the Berrien County Youth Fair Grounds.

Answering the radio call from AU campus patrolman were thirteen area organizations including fire departments, sheriff and police departments, Red Cross and Salvation Army, the Michigan Seventh-day Adventist Relief Corps with van, and the Radio Amateur Medical Cadet Corps. "Victims" were solicited from the AU junior high and elementary schools and from the Civil Air Patrol cadets at Ross Field.



As soon as "victims" received the immediate first aid they needed in the simulated tornado at Andrews, they were transported in vans to the Berrien County youth fair grounds. Each van carries six or seven persons.



The St. Joseph township fire department arrived on AU campus just thirteen minutes after receiving the call about the simulated tornado. They assisted in the first aid work, carried stretchers, and did rescue work.



The SDA emergency relief van for Michigan was on hand for the "tornado touch-down" at Andrews. At the close of the operation, many of the rescue workers toured the van to see how the supplies are stored.

Who? What? Where? When?

Among Our Alumni

Neal C. Hamel, AB '43, was elected president of the Flying Physicians Association at its annual meeting held at Osage Beach, Missouri, in August.

Dr. Hamel received his medical education at Loma Linda University, where he is now assistant clinical professor of surgery. He is a brother of Dr. Paul Hamel, chairman of the music department at Andrews.

Hamel served as a captain in the United States Air Force 1947 to 1949, being chief of surgery at Rapid City Air Force Base. He is a regular supporter of Project Hope and has made several tours as a rotator. He is a founder member of the Society of Thoracic Surgery. He also holds memberships in the American College of Surgeons, the American Thoracic Society, the Los Angeles Surgical Society, the California Medical Association, the American College of Chest Physicians, and the American Medical Association.

The Flying Physicians Association was established in 1954 to promote general aviation safety. Membership in the FPA is open to all licensed physicians and is now over 2,000.

#

Word from Gunnar D. Asholm, MA '66, informs us that he is teaching Bible at the Danish Mission School and Junior College in Daugaard, Denmark. He is also pastoring the church there.

#

Gladys ("Pat") Scott Wakefield, BA '21, with her husband visited the campus recently on a "people's vacation." Their trip to the west coast to visit their son and daughter includes stop-offs with ten former schoolmates from Andrews.

#

W. L. Murrill, MA '61, has been elected president of the Washington Conference, succeeding Jack Blacker who went to the Pacific Union Conference presidency.

Murrill was in 1967 president of the AUAA Washington Chapter.

John Richard Ford, M.D., F.A.C.S. (pre-med student class of '43) was recently appointed by California's Governor Ronald Reagan to the State Board of Education and to the Pre-school Advisory Committee responsible to the State Legislature.

Ford is also chairman of the committee to make awards for creative citizenship to individuals, corporations, and non-profit business for the State of California.

In August, Ford was appointed Assistant Clinical Professor of Surgery at the University of California School of Medicine, San Diego.

#

Dr. and Mrs. Charles Cutting and five-year-old daughter Cheryl moved in July to Monument Valley, Utah, where Dr. Cutting is one of two dentists working in the dental clinic there. Mrs. Cutting is doing consulting work in dietetics for the Monument Valley Mission Hospital and also for another small hospital in Monticello, Utah. She completed her dietetic internship at Loma Linda University in 1965 and worked at the LLU Hospital through June of this year.

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Word from John Bernet reports that since his graduation from Andrews in 1966 (MA in education), he has been the publishing secretary of Columbia Union. He and Mrs. Bernet live at Birdsboro, Pennsylvania.

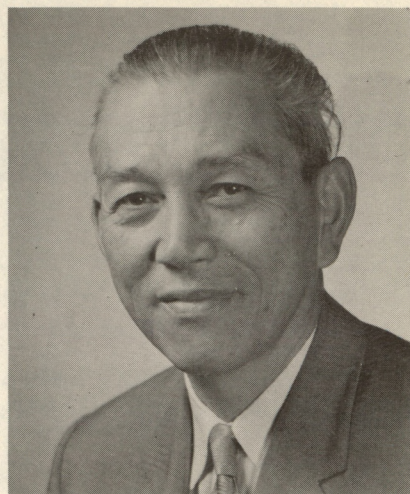
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Focus has received notification that Helen M. Jackson, MA '64, Los Angeles, Calif., has been selected for listing in the 1968 edition of *Outstanding Personalities of the West and Midwest*.

#

Horne P. Silva, BD '66, writes: "Please, I would like to receive a copy of Focus . . . we wish to have some news of our dear school." Silva is in Brazil.

Chen Publishes New Book



Philip S. Chen, BS '29, has this year published a new book, *Chemistry: Inorganic, Organic, and Biological*, Barnes and Noble, Inc., New York. He has thoughtfully sent a copy of the publication to the alumni association to place with his other books and those of the other alumni on exhibit in the James White Library.

Chen received his Ph.D. degree in organic chemistry from Michigan State University in 1933. For five years he taught at Madison College. Since 1938 he has been associated with Atlantic Union College, where he is professor of chemistry, head of the chemistry department, and chairman of the division of biology and chemistry.

Professor Chen has been a contributor to the *Journal of the American Chemical Society*, *Journal of Chemical Education*, *Chemist Analyst*, *Journal of American Leather Chemists Association*, and the *Chinese Medical Journal*. He authored the widely used *Chemical Elements Wall Chart*, as well as five books related to science. He is a member of the American Chemical Society, the American Association for the Advancement of Science, the New York Academy of Sciences, and Sigma Xi.

#

Mr. and Mrs. Charles Schlunt, B.A. '62, with their two children, Sylvia, 5, and Norman, 3, have transferred from Adelpian Academy to Solusi College, Bulawayo, Rhodesia. Schlunt will teach math for a five-year term there. Mrs. Schlunt was Janet Wildman, B.S. '62.

Deceased

● Pastor Dudley C. Newbold, BA, '15, passed away at St. Helena Sanitarium, California, September 2.

Newbold had been in denominational work since 1915; the last 15 years before retirement (1958) he was chaplain at White Memorial Hospital—the first full-time chaplain of the hospital.

He served as teacher and pastor in academies and colleges and pastored churches in various areas. He taught in the English department at AU 1941-42.

The last two years of his life he served as an elder in the Pacific Union College Church.

● Edwin L. Hansen, M.D., former student at AU, died recently at the Henry Ford Hospital, Detroit, where he had been a patient since the middle of August. Earlier in April and May he had been a patient at Battle Creek Sanitarium.

Dr. Hansen was a 1924 graduate of Loma Linda University School of Medicine, served his internship in Los Angeles General Hospital, and had done post graduate work in hospitals in Denmark, Germany, and Austria. He was a Fellow of the American College of Surgeons, the Pan-Pacific Surgical Society, Calhoun County and Michigan Medical Societies, and the American Medical Association.

Hansen is survived by his wife, Mary Cooper, three sons and a daughter.

● George Walter Brassington, class of 1920.

● Sarah Peck, class of 1914.

● Stanley R. Peterson, class of 1950.

Newest Chapter



Above: Newest alumni chapter to be organized in the AUA is one at Oakwood College, Huntsville, Alabama. Officers are (front row, left to right): Lloyd Mulraine, vice president; C. V. Anderson, president; and E. E. Rogers, secretary. Back row: Roy Malcolm, J. N. Richardson, J. J. Beale, C. T. Richards, and Alfonzo Greene.

Below: A group of AU alumni from Southern Missionary College, Collegedale, Tennessee, have get-together: Front row—Frances V. Burke Archbold, Helen Kickliter, Clarice Ruf Everest, Joyce Carey McCalla. Row 2—Bender L. Archbold, Philip A. Parker, George W. Brown, Vivian Steen Nelson, Ruth Halvorsen Cranston. Third row—Ray M. Spencer, Robert L. Woodforth, Dr. Emil Leffler, consultant at Andrews University, and David C. McCalla.

S. W. Michigan Chapter Elects New Officers

At a potluck dinner in the academy gymnasium at Andrews University, the Southwestern Michigan AUA Chapter elected new officers, November 3.

Retiring president Edwin L. Buck, Jr., BA '44, MA '64, conducted the business meeting during which Don Cameron, BA '60, MA '64, was elected president of the organization for 1969. Other officers for the new year are Reger Smith, BA '49, vice president; secretary-treasurer, Ingrid Johnson, BA '44; assistant secretary-treasurer, Bonnie Jean Hannah, BA '42; and project chairman, Charlene Vitrano, BA '46, assisted by Floyd Costerisan, BA '53.



Donors to Science Complex

as of November 25, 1968

- Akiyama, Yoshio
 Allen, Anita J.
 Allen, Clifton S.
 Allen, Marian Pringle
 Arkland, Mrs. E. H.
 Arkland, Elowyn Klug
 Atteberry, Clarence
 Ayars, Irene
 Bailey, Aurora
 Barclay, Connie Collins
 Barger, R. Chester
 Bartlett, Alvin M.
 ***Bather, Wendell T.
 Beatty, Loren
 **Beebe, N. L.
 *Bernet, John S.
 Bickett, Robert
 Bierwagen, W. Roger
 Blake, Elizabeth
 Blake, O. A.
 Boothby, Mabel
 Bornstein, Leonard
 Bottsford, Elmer
 Bovee, Mark
 *Boyd, Jean and Harold
 Brady, Neal C.
 Bremanis, Viji
 Buck, Ira and Elsie
 *Buller, Allan and Mildred
 Burrell, Natelkka
 Caldwell, Ray and Hazel
 Carley, Glenn
 Charland, Dorothy Lovell
 Chen, Gideon H.
 Chen, Philip S.
 *Christensen, Alfred and Beulah
 Christensen, Bruce
 Christensen, C. L.
 Christensen, Otto
 Clark, Mae Warren
 Clemons, Willard J.
 **Colburn, Edna and Harry
 Collar, Robert
 Colvin, Ruth E.
 Cooley, Alfaretta Johnson
 Coolidge, William L.
 Coon, Norman E.
 Cove, Henrietta
 Cowper, W.
 Craig, Clara
 Creighton, Norene Lyon
 Crispens, J. Bronson
 Cubley, Edna
 Curtis, T. Rose
 Cyphers, Mrs. C. R.
 *Dale, Charles F.
 Davis, Alice
 Dean, Harold
 Deming, Murray and Dorothy
 Dessain, Elton
 Detamore, Fordyce
 **Diehm, Helen Merriam
 Dobias, Joseph
 Dillon, Charles F. (deceased 10/67)
 Dodd, W. Duane
 Dunbar, Eldine and Ivanette
 Durham, Geneva
 Dybdahl, Ruby
 Dyresen, Dyre
 Edwards, B. E.
 Edwards, Otis B.
 Elwood, Hazel
 Embleton, E.
 Ermshar, Ellen
 Fagal, William
 Faurote, Evelyn
 Fellow, Ruth
 Ferney, Valdamar
 ***Fetzer, John E.
 Fishell, Martin
 Fisher, William D.
 *Fitten, Edna L.
 *Fleming, Charles, Jr.
 Foote, Ruth
 Ford, Dwain L.
 Ford, Paul
 Forshee, Clayton D.
 Freeman, Stuart J.
 French, Clyde A.
 Frobels, Ruth
 Fatcher, Cyril
 Garber, Ed and Betty
 Geraty, Lawrence T.
 Geraty, L. T.
 Gibbs, Donald R.
 *Giddings, O. U.
 *Graff, Edwin
 Grandbois, Mildred
 Grant, Carol Cotterell
 *Graves, Charles
 *Griffiths, William F.
 *Hagel, James L.
 *Hageman, Alberta
 *Hamel, Neal
 Hamel, Paul
 Hammill, Richard
 Hannah, M. Dale and Sarita
 Henrickson, Jewell
 Heppenstall, Margit Strom
 Herrmann, E. Clifford
 Hervig, Robert and Helen
 Hill, Kendall
 Hill, Raymond C.
 Holbrook, Frank
 Horton, Paul E.
 Howard, L. Mabel
 Howlett, Rolland
 Hubbell, Loretta
 Hyde, L. W. and Helen
 Ingle, Arthur N.
 Jacobson, H. A.
 *Jensen, C. L.
 Jensen, Fred B.
 Justinen, William
 Kelsey, Irma
 Kempert, Mervin C.
 Kepkey, Robert and Florence
 Kerr, Esther G.
 Keun, Theta Harper
 Kidder, Florence M. (deceased 12/67)
 Kimura, Mary and Tatsua
 Kittrell, Miriam
 Klein, Dan A.
 *Kleist, Adaline
 Knauff, Rudolph
 Knudsen, Donald
 Koobs, Dick
 *Kott, Clarence and Mary
 Krater, Paul and Laura
 Kuebler, Dave and Charlene
 Lang, Cathrine Brown
 La Rose, Pauline Q.
 Lawson, Sue
 Lemon, Alice Breitlow
 Lincoln, Elisabeth Graefe
 Liske, Mr. and Mrs. W. W.
 Loveless, William A.
 Lugenbeal, Edward and Marilyn
 Luke, Clare
 Lundquist, Charles
 *Lundquist, H. B. and Grace
 Luttmann, Leona
 Maas, Ellis R.
 Makovsky, Alice
 Manley, Myrl and Elizabeth
 Mapes, Blair L.
 Marsh, Alta M.
 Marsh, Charles and Olive
 *Marsh, Hubert
 Martin, Hubert K.
 Matejisik, Elfriede
 McClure, W. E.
 McGrew, Lillian
 McKibbin, Rolland
 Merchant, Marion
 Merchant, Robert
 Messinger, Harold
 Michalenko, J. C.
 *Michals, Arnold
 Minier, Anna
 Moldrik, Emil and Ruth
 *Moore, Dorothy Nelson
 Moores, Philip
 Moores, Philip and Doris
 Morgan, Robert
 Morgan, Roy
 *Morrice, George
 Moseley, C. E., Jr.
 Murphy, Leon
 Murray, Virginia
 *Murray, W. E.
 Neithercut, Georgia
 Nelson, Grace
 *Nelson, F. Dale
 Nutt, R. H.
 *Oliver, Bruce
 Ondrizek, Clyde
 Opicka, Darrel
 Oshito, Hideo
 Pearse, Gordon
 Penrod, Dewey and Faye
 Perrine, A. W. and Alice
 Perry, M. J.
 *Petersen, A. P.
 ***Petersen, L. M.
 Peterson, Mauritz
 Peugh, Marguerite
 Phillips, Max Gordon
 Pierce, Lela H.
 Pitts, Rowland F.
 Powell, Richard K.
 Preston, Fay
 Rasmussen, H. L.
 Rhys, Leslie
 Ritchie, Bernice Andrews
 *Ritland, R. M.
 Rodgers, R. B.
 Ross, Nellie
 Ruf, G. F.
 Ruf, Mario
 Running, Leona
 Ruppert, Harold H.
 Russell, David
 *Sapp, Mrs. Mayme
 Schaller, Fred G.
 Schoonard, Bernice Weber
 ***Sevener, Lester
 Shell, Penny
 Sherwood, Donald
 Simpson, Jim and Nancy
 Sjoren, Marianne
 *Skahen, James K.
 *Skahen, Jim
 Skeoch, Gordon D.
 *Small, Carroll S.
 Smith, Clare
 Smith, Clyde (deceased 4/68) and Edith
 Smith, Donald A.
 Smith, Edith L.
 *Snider, J. D.
 Snyder, Ada
 Sowler, Clayton and Ardis
 Steinweg, Bruno
 *Stevenson, E. L.
 Stocker, Howard O.
 Stockton, Rose Alice
 Strong, Monique
 *Swartz, Russell J.
 Taggart, George
 Tamanaha, Florence
 Taylor, Harry and Malvina
 Thompson, Christine
 **Thorpe, Louis P.
 *Tobiassen, L. Kr.
 *Trickett, Wilson
 Unger, Elizabeth
 Utt, Richard
 *Van Hise, J. R.
 *Van Horne, B. H.
 Vielhauer, Ellen Reed
 **Vogel, Ellen May
 Wakefield, Gladys
 Wakeham, Irene
 Walker, Lois
 Wartzok, Leonard and Violet
 Waterhouse, S. Douglas
 Wery, Maude Bisbee
 West, Ruth
 *Wilcox, Howard and Katherine
 *Wilkins, Robert A., Jr.
 *Wilkins, Robert A., Sr.
 *Wilkinson, Gerald and Marian
 ***Wilkinson, W. J.
 **Williams, Arabella
 Willsey, Steven
 Wilson, Iva
 Wilson, O. P.
 Wittschlebe, C. E.
 *Witzel, C. L.
 Wohlers, Bertha
 Wolcott, R. A. and Louise
 Wood, Kenneth
 Wood, Velma
 Wright, Earl
 Yamagata, Toshio
 *Young, Opal Hoover
 *Young, Robert Byron
 *Zimmerman, Walter
 Zweig, Joseph

* \$100 to \$499
 ** 500 to 999
 *** 1,000 and over

Prospective Alumni

● Dr. and Mrs. Darrell Wayne Lang (Catherine Brown, BA '55) announce the birth of a daughter Caralynn Denise, in September.

● A son was born to the Donald Lee Hansons (Rolene Stradman), in September. Name: Donald Lee, Jr. The Hansons have moved to Gahanna, Ohio. Donald Lee, Sr., has been president of the Illini alumni chapter. He is transferring his membership to the Buckeye chapter.

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Alumni Funds Report

A certain clergyman in charge of a poor church habitually suffered financial difficulties and was constantly appealing to his bishop for help. The bishop, losing patience, finally chided the man for making so many appeals. Not long after, the bishop received a wire from the clergyman which said, "This is not an appeal. It is a report. I have no pants."

This memento to alumni is both a report and an appeal.

The Report

The trend in alumni giving as you will note from the treasurer's report below is toward increased contributions. In the ten years prior to July, 1968, alumni turned in to various alumni-sponsored funds \$53,609. Almost half of this amount, \$21,519, has come in during the last year.

Total funds received from alumni as of December 9, 1968, for the Science Complex Fund are \$18,852.02. The alumni goal for the two-year period terminating in two months is \$25,000.

The Appeal

If your name isn't on our donor's list, won't you put it there? If you have already given to the fund, does your interest in the development of Andrews University as a progressive symbol of Christian education extend to giving a bit more? Hats off to the alumni who have been sending frequent and oftentimes regular contributions to the Science Complex as well as to other projects of Andrews.

Class Report

With the exception of classes '12, '13, '14, and '46 all classes from 1911 on are represented with a contribution to the Science Complex Fund. Some classes, however, have not more than one or two members participating. Can you help to boost your class offering? We need to raise about \$10,000 more to reach our goal—which, by the way, seems a bit low for about 4,000 alumni? Maybe we could go over that goal if we put our hearts into the project?

Alumni president Lief Kr. Tobiassen has written a letter to each alumnus in North America recently calling at-

tention to the need of the new science facilities and has enclosed a leaflet recounting the Fair Share Scale adopted a year or so ago by the Alumni Association.

It is interesting to note that the three first alumni to respond to this letter with donations were the association president, Dr. Tobiassen; AU president Richard Hammill; and the association secretary, Horace J. Shaw.

The Fair Share Plan, you will remember, is on the following scale:

Fair Share Scale

(1) For each of the first and second years following graduation or withdrawal: \$6

(2) For each of the third and fourth years: \$12

(3) For the fifth year: \$18.

(4) For each of the years six through ten: \$30

(5) For the eleventh year and for each year thereafter (at least until retirement): \$50

Such a scale, say our experts, had it been followed by alumni since 1956, would be bringing in about \$49,000 by this year. By 1970 the amount coming in would add up to approximately \$75,000. If such a scale were to be followed even now by alumni, in another ten years it would insure a meaningful contribution.

ANDREWS UNIVERSITY ALUMNI ASSOCIATION STATEMENT OF CONTRIBUTIONS For Period of July 1958 to June 1968

	1 Year July 67 to June 68	9 Years July 58 to June 67	Total for 10 Year Period
From Alumni Directly:			
General Fund	\$	\$23,890.12	\$23,890.12
Scholarship and Loans—General Illini Chapter	1,400.00	6,700.00	8,100.00
Special Projects			
Scholarship Endowment	4,952.00	2,953.43	7,905.43
Lounge		2,000.00	2,000.00
Pipe Organ		6,014.00	6,014.00
Swimming Pool		3,980.85	3,980.85
Science Building	11,882.96	2,607.00	14,489.96
Center for Vocational and Technical Studies	2,000.00	1,150.00	3,150.00
Total Special Projects	18,834.96	18,705.28	37,540.24
Total Directly from Alumni	\$21,519.96	\$53,609.90	\$75,129.86
From Other Sources (Matching and Alumni Influenced)			
Science Building	1,225.00		1,225.00
Center for Vocational and Tech Studies	7,750.00	1,000.00	8,750.00
Total Other	8,975.00	1,000.00	9,975.00
Total of All Funds	\$30,494.96	\$54,609.90	\$85,104.86
Average Contributions Per Year			
Paid Directly from Alumni	21,519.96	5,956.65	7,512.98
Paid As a Result of Alumni Influence	8,975.00	111.11	997.50
Grand Total of All	\$30,494.96	\$ 6,067.76	\$ 8,510.49

KENDALL E. HILL, Alumni Treasurer

CLASS STANDINGS Science Complex Fund DECEMBER 9, 1968

1911	5.00
1915	25.00
1916	240.00
1917	1,850.00
1918	1,070.00
1919	210.00
1920	210.00
1921	65.00
1922	1,140.00
1923	1,009.42
1924	1,785.00
1925	610.00
1926	823.00
1927	1,557.50
1928	467.50
1929	1,080.00
1930	10.00
1931	27.00
1932	80.00
1933	112.50
1934	552.50
1935	640.00
1936	225.00
1937	625.00
1938	186.00
1939	20.00
1940	295.00
1941	475.00
1942	35.00
1943	190.00
1944	47.50
1945	125.00
1947	206.00
1948	115.32
1949	551.00
1950	52.50
1951	35.00
1952	14.00
1953	65.00
1954	10.00
1955	5.00
1956	91.00
1957	390.00
1958	207.50
1959	173.28
1960	80.00
1961	219.00
1962	5.00
1963	23.50
1964	138.00
1965	168.00
1966	222.00
1967	140.00
1968	22.00

HOMECOMING DATE

April 25 to 27, 1968

Mark your calendar now!

W I SMITH
24753 DAISY AVE
LOMA LINDA CALIF
92354