



Patchwork

Lord, a quiet hour with You is like unrolling a bolt of exquisite new cloth.

On a frayed and matted morning like today I am craving again the smooth feel of an uninterrupted piece of praying. A length of solitude ample enough really to spread my life out on, and cut into with gusto.

In the past I've stocked my share of expensive serenities. Sometimes at night I have been with You, laying out flawless, saved-up hours as if they were a roll of purple satin. The family is in bed, the clock ticking. I am free to display before You all my hoarded meditations, to pin each difficulty in place on the vivid stretch of silence. Spaciousness, Lord, for creative communion.

But lately there have been these shapeless scraps of quiet, endless irritating bits and pauses hardly big enough to pin a hallelujah to. My mind has become a scrap bag of remnant prayers, torn-off intercessions, snippets of Scripture. And You know me, the sulky perfectionist, wasting the million small moments while pining for the grand opportunity.

So instead of luxuriating in yard upon shimmering yard of uninterrupted meditation, I find myself with a thrift-shop jumble of small moments to praise You with.

Teach me, Jesus, what to do with them. Piece them together like stained glass, and make something beautiful of all the little patchwork pleas and praises of my day.

— Judy Louise Eadie

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Clouds and Petunias— Summer on AU Campus



Photo by Bujak

Our Cover



Our cover picture was photographed by Milton Hook, student in the A.U. School of Graduate Studies in the doctoral program of religious education. His wife, Beverly, secretary to the FOCUS editor, posed for the picture in an upstairs room in the former home of Mrs. E. G. White where she wrote the manuscript for the first presentation of *The Great Controversy*, 1858. The quilt is an artifact displayed in the home, located at 63-65 Wood Street, Battle Creek, Michigan.

Judy Louise Eadie, writer and cartoonist, holds a licentiate in theology from Northwest Baptist Theological College, Vancouver, British Columbia. She lives with her husband and son in Revelstoke.

CHANGE OF ADDRESS

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FOCUS

"He That Planteth a Tree..."



Last official act of retiring AU President Hammill was to plant a tree on campus.

President Richard Hammill officiated in the planting of seedlings from a 100-year-old maple tree, Friday, June 11, at 11:30 a.m. The tree planting was his last official act as president of Andrews.

University faculty, staff, and students were present to witness the ceremony which took place in front of the east wing of Lamson Hall. June 11 had been proclaimed Centennial-Bicentennial Tree Planting Day in Michigan by Governor William G. Milliken.

In 1876, a row of sugar maple tree seedlings were planted near Niles, Michigan (about 12 miles from the Andrews campus), by a farmhand as a personal Centennial observance. Those trees still stand. Seeds from them were gathered and propagated and the seedlings distributed to interested groups about the state for planting as a Bicentennial observance.

"The Bicentennial celebration commemorates the past and looks to the promise of the future," said Governor Milliken. "The birth, growth, and rebirth of the trees of our land are a classic symbol of this feeling of continuity, stability, and hope."

Right: Planting seedlings from 100-year-old maple trees are (from left): Kenneth Cobb, physical plant manager; Dr. Joseph G. Smoot, AU president; Dr. Richard Hammill, retiring AU president; and Edmund Roy, superintendent of grounds.

Compiled from Focus features and news stories.

"He that planteth a tree is a servant of God,
He provideth a kindness for many generations,
And faces that he hath not seen shall bless him."

"It also is fitting to pay tribute to those who in 1876 were moved to express thanks that their country, founded on the principles of freedom, had passed 100 years—even as we this year are celebrating 200 years."

Dr. Hammill spoke about trees in his farewell speech at the Andrews University graduation, June 6. "The story circulating around campus about needing my permission to cut down any tree on campus is true," he said. "The story about needing my permission to plant a tree on campus is not true."

Hammill, who grew up among trees, has taken a particular interest
More



Campus Trees — Continued

in their place on the Andrews campus. It is appropriate that the planting of trees for the beautification of the campus should be his last official act.

Ever since the summer in 1901 when P. T. Magan paid \$5.00 for the option to buy the campus property in the shade of the "Option Elm," trees have been an integral part of the Andrews campus. Most of the 90 trees native to Michigan are growing on campus; and trees, not native, that will grow in the campus habitat have been ordered from all over the world and added to the campus for beautification and for educational purposes.

Around the turn of the century, College Avenue ran from Highway 31 (then known as the "Stone Road") down to a shipping point on the St. Joseph River. Woodsmen were clearing the land along the road one day when Mrs. Hester Stevens noticed them and begged them to spare the young elm and maple trees lining the road. The trees were "no larger around than my arms," she explained. The laborers complied with her request, and the trees grew to sufficient size to witness the rise of Emmanuel Missionary College and, years later, the emergence of Andrews University. They are now towering over the other campus trees, though the road they once lined has long since been replaced with verdure.

During the presidency of O. F. Graf (1908-1917), Frederick Griggs (1918-1924), G. F. Wolfkill (1924-1930), and Dr. Floyd Rittenhouse (1955-1963), new trees appeared regularly on campus.

With the coming of Dr. Richard Hammill to the president's chair in 1963, the campus made the final change from a college to a university, and a whole new generation of trees was planted.

Trees on campus have not been without their casualties. For instance, a small dogwood tree growing near Nethery Hall had been recommended to a young suitor searching for a tree for his girl friend to use as a prop in a "George Washington

and the Cherry Tree" monologue in an upcoming Amateur Hour program. The young man, eager to please his lady, fetched a hatchet and started gouging the trunk of the dogwood within sight of the office of the university president. Grounds superintendent Ben Nutt was summoned. He arrived to find the young man covering up the hatchet scars with snow and pleading ignorance of arbor preservation.

Another old landmark tree on Beaver Point lost its top one winter in the interest of a Christmas tree.

And in 1967, the Dutch elm disease brought low the 90-ring-old Option Elm. What stories these rings could tell of the lean and the fat years of the institution from 1874!

Today, Andrews University is a campus of trees thanks to administrators who had a vision of beauty.

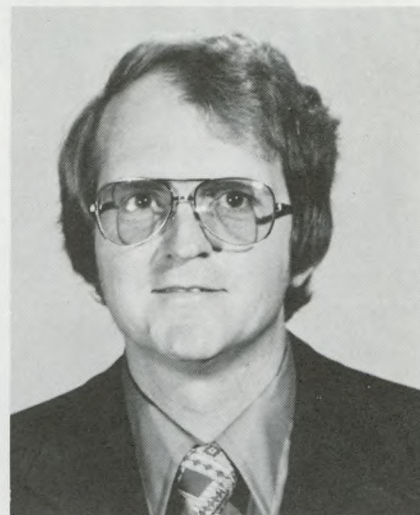
And perhaps every student who has ever walked on Andrews campus has "grown taller from walking with the trees."



Bicentennial Suggestion

A Free People Must be a Voting People. How do we stack up? Bulletin for **Higher Education and National Affairs**, Vol. xxv, No. 23, notes a decline in voting interest. It says:

"More than 150 million Americans will be of voting age in November, nearly ten million more than in 1972, the Census Bureau reported. However, the agency noted, voter participation has declined in Presidential elections since 1960, despite the lowering of the voting age between 1968 and 1972. A total of 63 percent of eligible voters cast ballots in 1960, the highest participation rate in 46 years. The participation rate in 1972 was 55 percent."



Dr. Richard R. Minesinger

Dr. Richard R. Minesinger, former professor of chemistry at Andrews University, died of a massive heart attack, July 5. The attack, according to his wife, Janet, was "instant and fatal" and occurred in their home in Washington, D.C.

Dr. Minesinger, 37, had been appointed director of research at the U.S. Naval Ordnance Laboratories in Bethesda, Maryland. The family left Berrien Springs to take up the new position, June 2. He had been on the Andrews faculty since 1971.

Dr. Minesinger graduated from Columbia Union College, Takoma Park, Maryland, in 1961, with a major in chemistry. He received his PhD in organic chemistry from the University of Maryland, College Park, Maryland, in 1966. Before joining the Andrews faculty he worked as a chemist for the U.S. Bureau of Standards and E. I. DuPont, DeNe-mours and Company, and as a senior research associate with the U.S. Naval Ordnance Laboratories.

The funeral was held Thursday, July 8, at the Walters Funeral Home, Takoma Park, Washington D.C.

When Minesinger became a teacher, he did not confine his role to the time spent within the classroom. He and his wife, Janet, kept open house for the students at all times. They acted as counselors, as guides, as loving advisors. Many of the students were bound for medical school. He accepted it as a personal responsibility to see that their level of achievement in organic chemistry would enable them to realize their ambitions.

AU Hosts First National Convention of S.D.A. Church Musicians' Guild



Founder of the Seventh-day Adventist Church Musicians' Guild is Oliver S. Beltz, center. With him are Paul Hamel (left), chairman of the AU music department, and C. Warren Becker, professor of music at AU. Also helping (not pictured) with the organization of the convention were Roberta Bitgood, president of the American Guild of Organists, and F. E. J. Harder, executive secretary of the Board of Higher Education of S.D.A.'s.

Emil Leffler, former chairman of the AU Graduate School; a presentation of the Colors by the Pathfinders; the National Anthem and National Hymn.

Organizers of the convention included Paul Hamel, chairman of the Andrews music department; Roberta Bitgood, president of the American Guild of Organists; C. Warren Becker, professor of music at Andrews; F. E. J. Harder, executive secretary of the Board of Higher Education of Seventh-day Adventists; and Oliver S. Beltz, founder of the Church Musicians' Guild.

Cassette tapes of the programs are available. Order from WAUS, Andrews University, Berrien Springs, Michigan. The four tapes cost \$8.00 plus 50 cents postage.

Andrews University hosted the first national convention of the Seventh-day Adventist Church Musicians' Guild, July 30 to August 1.

Keynoter for the opening session, Friday night, was Oliver S. Beltz, founder of the Guild.

During the weekend, the Guild presented a Composer's Hour featuring sacred music compositions of Blythe Owen, composer-in-residence at the university; another meeting considered "Some of the Wonders of the Hymnal" with Richard Hammond; a Musicians' Vesper Hour featured music by J. S. Bach.

Dr. Beltz presented a paper on music at the Friday Vesper service, and Dr. F. E. J. Harder combined Bible reading with musical selections for the Sabbath morning service.

The program provided an evening with Mendelssohn's music on Sunday—organ sonatas, and a violin concerto performed by LeRoy Peterson, assistant professor of music at AU.

A patriotic close to the weekend program included an address by



Approximately sixty-five musicians attended the national convention of the Seventh-day Adventist Church Musicians' Guild at Andrews, July 30 to August 1. Musicians from many states attended including a good representation from California, Washington, D.C., and Chicago.

Doctor of Ministry Program Now Fully Accredited

The Theological Seminary at Andrews has received full accreditation for its doctor of ministry program.

Dr. Joseph G. Smoot, president of the university, was present at the meeting of the Association of Theological Schools (A.T.S.) in Boston when the action of the Commission on Accrediting was confirmed. This action makes Andrews' doctor of ministry program one of 16 such programs that are fully accredited by the A.T.S. in the United States, and one of only seven accredited by the A.T.S. without any reservations. Official confirmation of the accreditation was received at the university in June.

"This is a historical moment for Adventist education," said Dr. Arnold Kurtz, director of the doctor of ministry program, "in that it represents the first full accreditation of a doctoral program outside our medical school."

Bacchiochi Reprints on Sunday Origin

A new reprinting of 5,000 copies of Dr. Samuel Bacchiochi's book, *Anti-Judaism and the Origin of Sunday*, has recently been published by the Pontifical Gregorian University Press, a Vatican Press in Rome.

Like the previous edition, the book carries the official Catholic approval (imprimatur) and is published as a joint venture with the AU Press.

The study represents the fifth chapter of Bacchiochi's dissertation presented at the Pontifical Gregorian University in Rome and focuses on the role played by anti-judaism and by the Church of Rome on the abandonment of the seventh-day Sabbath and adoption of Sunday observance.

The new selling price of the book is \$6.50 plus 50 cents for mailing expenses in the United States. Send your orders to Andrews University Press, Berrien Springs, Michigan 49104.

The program, in existence for three years, has had 10 graduates. Three more will be graduated this summer. The program requires 48 hours minimum coursework including a doctoral research project. It is designed to facilitate a high level of competence in the practice of ministry.

Plans are underway at Andrews to introduce more flexibility into the doctor of ministry program. The alternative will make it unnecessary for a minister to leave his church for a full year's residency at Andrews.

A three-week intensive workshop session will cover one of the six-credit core areas for the doctor of ministry. The first session will be held at Andrews, November 1 to 18.

For further information, contact Dr. Arnold Kurtz, Seventh-day Adventist Theological Seminary, Andrews University, Berrien Springs, Michigan 49104.

FLIC ESTABLISHED AS COMMUNITY SERVICE

The modern language department at Andrews University is establishing a Foreign Language Information Center (FLIC) as a community service.

"Calls for translations, from private letters to technical material and emergency translating needs, are frequently received by our department," said Dr. Pietro Copiz, chairman of the department.

Copiz said that recently a retired Italian couple was having problems working out their Social Security payments. FLIC was able to find an Italian translator to verify the elderly man's age from old Italian documents.

The Andrews University modern languages department decided to set up a register of volunteers who would be available for translating.

More, page 19

Strand Publishes New Book on Interpreting Revelation

Interpreting the Book of Revelation, a new and enlarged edition of *The Open Gates of Heaven* by Kenneth A. Strand, professor of church history in the Theological Seminary at Andrews University, is scheduled to appear in early August.

In addition to expansion of material on interpretational principles, this new edition will contain a brief study and diagram of the literary structure of the book of Zechariah prepared by 1975 M.Div. graduate Philip Payne, a teacher in Texas. "There is a closeness in some of the imagery of Zechariah and Revelation," said Dr. Strand, "and Philip Payne's work is of special interest for this new volume."

Among Strand's more than 20 books published, several deal with the Revelation, including another one on interpretational principles, *Perspectives in the Book of Revelation*, which appeared in 1975. Strand also pre-

sented papers on the Revelation at the 13th Congress of the International Association for the History of Religions held in Lancaster, England, in August 1975. He also gave a presentation at the May, 1976, annual joint meeting of the Northwest Section of the American Academy of Religion and the Society of Biblical Literature held in Eugene, Oregon.

In his two books on interpretational principles for the Revelation, Dr. Strand called attention to the value and importance of Ellen G. White's "philosophy-of-history" approach to the book of Revelation.

Strand has gained international recognition for his scholarly work in biblical studies and church history and is included in more than a dozen international and American directories of scholars and writers, including *The Writers Directory* and *International Authors and Writers Who's Who*.

Andrews Graduates 352 in June —First Doctoral Degrees in Education Conferred—

Andrews University conferred 352 degrees in the Sunday, June 6, commencement. The service marked the 115th graduation for the Andrews College of Arts and Sciences.

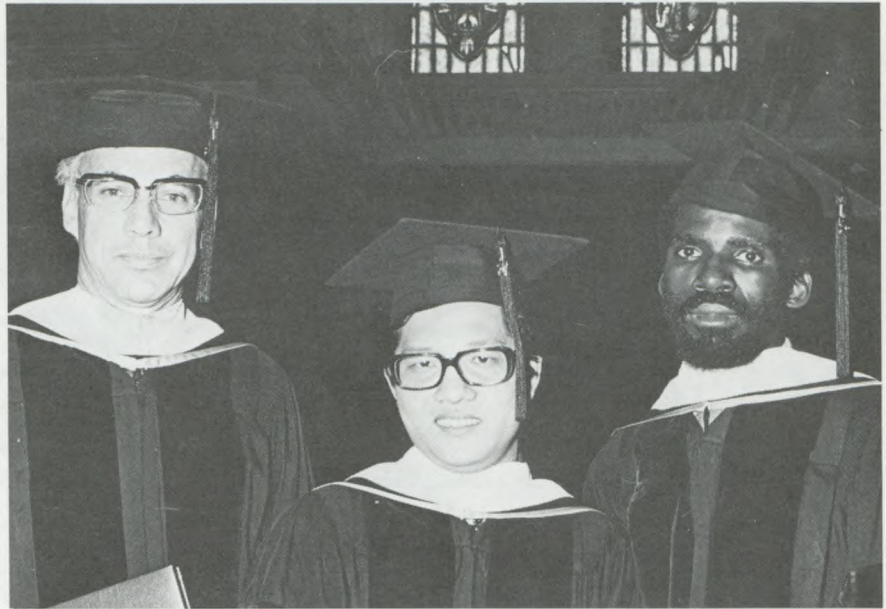
Of the 352 degrees, nine were from the college of technology, 204 from the College of Arts and Sciences, 64 from the Theological Seminary, and 75 from the School of Graduate Studies.

The first doctoral degrees to be conferred in education were given to Gerald F. Clifford from Australia, Nehemiah Mead from the West Indies, and Wong Yew Chong from Singapore.

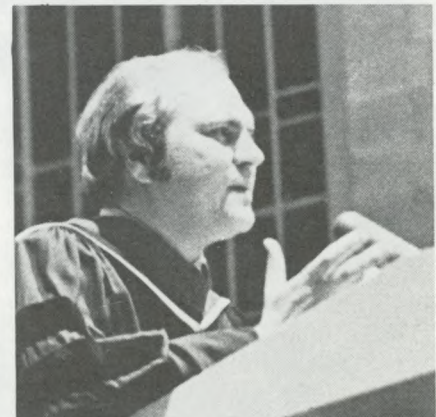
Walton J. Brown, director of education for the General Conference of Seventh-day Adventists, Washington, D.C., gave the commencement address.

Dr. Brown quoted Abraham Lincoln, saying, "Education is not given for the purpose of earning a living; it's learning what to do with a living after you earn it." He also urged the graduates not to ignore the past.

More



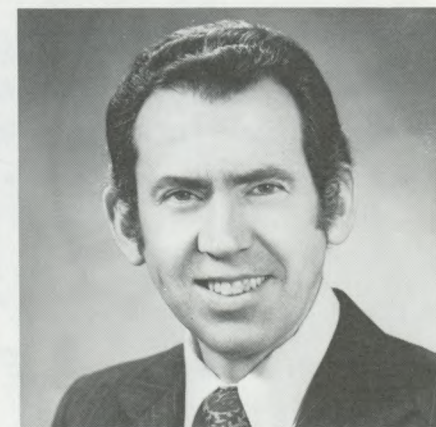
Dr. Gerald F. Clifford, Australia; Dr. Wong-Yew Chong, Singapore; and Dr. Nehemiah Mead, West Indies, were the first to receive the doctor of education degree from Andrews University, June 6. The three men represent three of the 76 nationalities at AU.



Dr. Paul Cannon, speaker at consecration service, Friday evening.



Dr. Walton J. Brown, commencement speaker: "Education is not given for the purpose of earning a living; it's learning what to do with a living after you earn it."



Dr. George H. Akers, speaker at the baccalaureate service, Sabbath morning.

**AU Awards Day
Honors Students
Names Teacher-of-Year**

by Robert Bouchard



Gary Hamel received an MA in business administration, and his brothers Lauren and Lowell Hamel (center and right) were given the BA degree in biology from Andrews, Sunday, June 6. All three brothers graduated with honors. The family of Dr. and Mrs. Paul Hamel have a total of 75 years' enrollment at Andrews. They have received twelve diplomas and eight degrees from the university.

"Too often we believe that the history of the world begins with us," he said, "and cast aside those lessons of the past that could help find solutions to present problems."

"In addition," said the speaker, "you graduates will be able to accomplish little without the help of those around you—help from your fellow graduates and from others who have preceded you."

Dr. Brown asked that the graduates dedicate themselves to the service of God and mankind. "Run with patience the race that is set before you," he said, quoting from Hebrews 12.

Brown, who received his PhD from the University of Southern California, was born in Spain and worked in South America as principal of several academies and colleges, including Antillian College, in Cuba, during the civil war. Later he served as secretary of the education/public relations departments of the Inter-American Division of Seventh-day Adventists prior to accepting his present position.

The June commencement was the last over which Dr. Richard Hammill will preside after 13 years as president of Andrews University. Willis J. Hackett, chairman of the Andrews board of trustees spoke in apprecia-

tion of Dr. Hammill's term as president. He then presented Dr. Joseph G. Smoot as the new president of the university and welcomed him on behalf of the board of trustees and the university.

Dyre Dyresen, director of admissions and records, was given a citation of excellence from the General Conference for his work as registrar and director of admissions and records. Dyresen began working for the university in 1959, and has since improved the standards and techniques of the office of admissions. He is highly esteemed, both by his university colleagues and by his fellow registrars, President Hammill noted.

Dr. Hammill presented Arthur Coetzee, rector of Helderberg College, Somerset West, South Africa, to the commencement assembly. He announced that Dr. Coetzee was on campus to finish arrangements for an affiliation of Helderberg College with Andrews University.

"Andrews University will confer degrees to Helderberg College students who complete the agreed-upon courses in South Africa," said Dr. Hammill. The students will be graduates of Andrews University. At present, the two accepted programs are in theology and business.

Outstanding Andrews University students were given scholarships, awards, and recognitions during the annual awards day assembly (May 27), and Dr. Robert Wilkins received the eleventh annual teacher-of-the-year award from the Student Association.

Dr. Wilkins, chairman of the chemistry department, teaches several popular classes in physical, inorganic, and general chemistry. He received his PhD from Pennsylvania State University and has taught at Andrews from 1963-66 and again since 1971.



Dr. Robert Wilkins

Receiving National Merit Renewals of \$500 each were Diane Bloom, Judy Carlson, Leonard Guth, Ken Hutchins, Vickie Kruger, David Moll, Lauren Oliver, Marcia Plater, and Cindy Wangard.

Named scholarships of \$300 each included the Donna Louise Arnold Memorial Scholarship to LaDonna Blom; the Charles and Leona Burman Memorial Fund to Cheryl Ready; the Otto H. and Dorothy K. Christensen Scholarship to Nancy Jeffery; the H. F. Halenz Memorial scholarship to Ronald Jaecks; the Keith A. Hannah Memorial Scholarship to Larry Stotz; the David E. and Elizabeth B. Lust Scholarship

More, page 16

The Ministerial Think Tank – CSSE

by BARRY CASEY, graduate student



Dr. Rudy Klimes, director of the Center for Studies and Services in Education at Andrews.

The red, engraved plaque on the wall behind his desk says, "SMILE"; and Dr. Rudy Klimes, director of the Center for Studies and Services in Education, is living proof of one who practices what he preaches. There is enough optimism stored in his office to raise cotton in Alaska.

The sign on his door says "CSSE." "That means we're the closest thing to a 'think tank' in the Adventist educational system," said Klimes with a grin. "We are an organization for the purpose of research and service in education." CSSE's research is aimed not only at the world-wide system of Adventist education but also at local public and private school systems as well as other organizations.

Landscape designing may seem a long way from research reports on educational trends, but in one CSSE project it was only a mile down the road. "The first major study we did," said Dr. Jerry Furst, CSSE associate director for publications, "was a land-development project for the Berrien Springs Public Schools system." That particular study involved designing a projected plan of land use for the high school, middle school, and elementary school in Berrien Springs.

Dr. Dan Klein, assistant professor of physical education, worked out plans for the efficient siting of sports fields, tennis courts, and tracks. Dr. Asa Thoresen, professor of biology, drew up designs for a small botanical garden along one side of the land space, with a nature trail winding through it and a stream emptying into a pond. The CSSE team also made recommendations for the expansion of the school buildings based on the estimated student population increase in the years to come.

That sort of talent-pooling is typical of the CSSE approach to research and application. "Basically, we exist because there is a need for a center which can bring together people from various disciplines to help in educational studies," said Klimes. The CSSE consulting staff numbers thirty-four, with research associates drawn from departments as diverse as religion, home economics, physical education, and chemistry. "We act both as a clearing-house for projects and an aid to students and teachers involved in research," he continued.

Since its founding in January, 1974, CSSE has relied solely on funds raised by its contracts—to date close

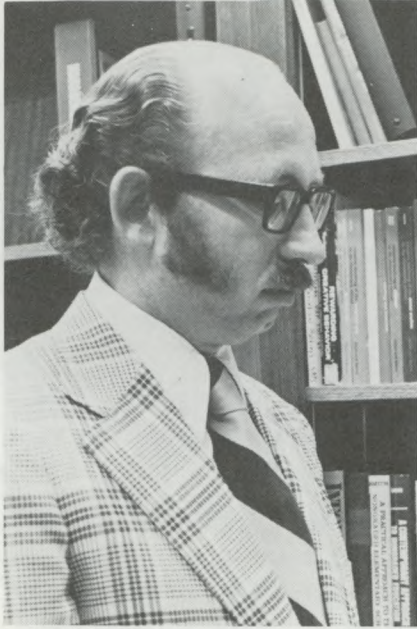
to \$28,000. The diversity of disciplines represented by the staff of the Center has allowed a variety of contracts to be taken, from an institutional goal development study for Lake Michigan College to a community survey for *Trade Lines*, a consumer advertising weekly. Project proposals are worked out between clients and the Center and then channeled through an advisory council chaired by Dr. Joseph Smoot.

Equally important to the Center's *raison d'être* is its service as an aid to students and teachers involved in research. "We've found that teachers can learn much about the method of research," said Klimes; and he added with a wink, "Sometimes they are surprised just how much they can learn!"

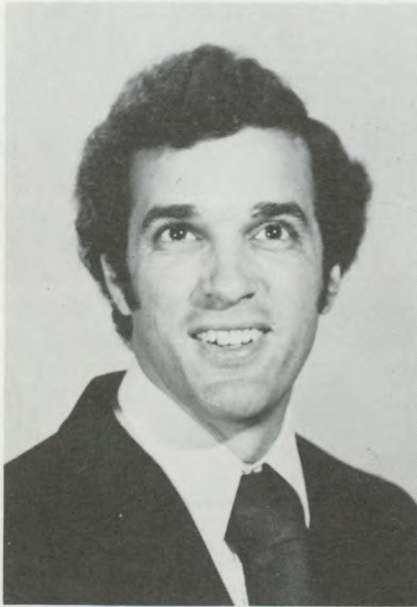
One of these "aids" in research is Dr. Robert Cruise, assistant professor of education, associate director of research for CSSE, and one of the statisticians on the AU campus. To those who suspiciously regard statisticians as either being dull, pinched people or several giant leaps beyond mere liars, Cruise may come as a welcome surprise. One gets the impression that he is in forward motion even when he tips his chair back in his cramped office and tries to explain his job. "A statistician is at everyone's disposal," he said. "We've got to make sure that when someone brings in research his methodology is tight and the conclusions he comes to are valid and sound. So what my job involves—" the phone interrupts and he shrugs resignedly—"see what I mean—at everybody's disposal!" He talks for a few moments and then continues, "My job involves my being to statistical reports what an editor is to literature or magazine articles."

Klimes agreed and added. "Bob is so scrupulous about not bending statistics that I'm afraid we frustrate him sometimes. When that happens he beats his head against the wall for a few minutes and then comes up with another plan." **More**

Think Tank — Continued



Dr. Gerald Furst



Dr. Dan Klein

Innovation and adaptability are basic to the Center's *modus operandi*. Unique among research foundations of this type is the emphasis on the equality of each person involved in a project. "We put the graduate assistants and research assistants on an equal footing with the directors of the project when we present it to the clients," said Klimes. "This allows us to spread the work out among us and also gives the student

experience in handling the personal relationships between the team and the clients."

This clinical approach to field studies has allowed the overall purpose of CSSE to succeed. "We see the Center and its work as having three main functions," said Furst. "It is a



Dr. Asa C. Thoresen

way for graduate students in education and other fields to get practical research experience, it helps them financially, and it provides professors on campus a channel through which to run projects and research."

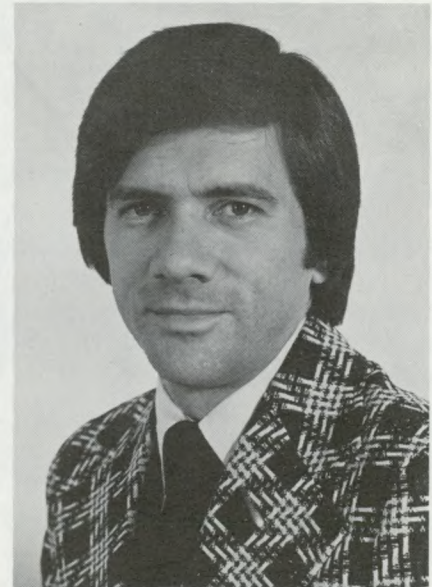
Furst's work involves getting research reports and studies ready for publication through the Center. Present publications include extensive reports on local colleges, a study outline of character development, and a report on the effects of Conference aid to North American church schools. Other publications are in use as resource material for the institutes and leadership conferences the university sponsors.

"We are in the process of drawing up a price list for these publications," said Furst, "and we plan to sell them to agencies and institutions interested in the type of research we are doing." With justifiable pride he leafs through a detailed report on the land-utilization options prepared for

the Berrien Springs Public School System. Included are several different plans for recreation fields, with blueprints neatly drawn up and estimated projected costs of growth in the future.

"Our job is to recommend to our clients what the alternatives are, or in some cases, what the consequences are going to be if they continue a certain policy," he said. "We're not there to push through our particular preferences."

Furst is the kind of man who slips easily in and out of the academic



Dr. Robert Cruise

world. He tends toward sneakers and sweaters and rides to work on his bicycle when the weather permits. This personableness affects his conception of the Center's role in the community. "We are trying to serve as a community link," he said, "as well as to bring our own campus disciplines together. We're trying to serve practical purposes by being the bridge between theory and application."

There is a poster in Klimes's office advertising the doctorate in educational administration at AU that could well be the summary of CSSE's activities. Simply but comprehensively it reads, "To Minister—To Administer."

Controversial—But Interesting

Is C-14 Dating Wrong Before 2,000 B.C.?

A Study by DR. ROBERT BROWN, physicist
Synthesized by RANDOLPH NEALL

When Willard Libby developed the radiocarbon dating technique soon after World War II, he gave archaeologists, biologists, and countless others an apparently dependable dating tool that few have seriously questioned since.

When carbon dating is applicable, most scientists will give it heed, whatever their study, be it the movement of glaciers or the development of human civilization.

Until recently, there was little reason to suspect that anything could challenge the integrity of a tool that seemed to be gaining credibility with use. Dates positively established by independent means generally agreed with C-14 dates within less than 150 years.

But now, Dr. Robert Brown, a physicist at the Geoscience Research Institute at Andrews University, is hinting that before 2,000 B.C., C-14 may be wildly wrong. The flaw Brown may have found is well-concealed in a method that appears all but fool-proof.

The radioactive variant of carbon, the isotope carbon-14, is produced in the air by cosmic rays striking air molecules. From the atmosphere, C-14 is absorbed into the life cycles of all living matter.

As long as the organism, plant or animal, is alive and receiving nourishment, its C-14 level will be continuously replenished and thus controlled at a constant atmospheric level. And since C-14 is evenly distributed in the air throughout the world, a maple leaf in Canada would have about the same proportion of C-14 as a cowhide in India, providing both were alive at the same time.

But once the organism dies, no longer receiving fresh supplies of C-14, its C-14 level begins to drop by a slow and regular process of radioactive decay. Within 5,730 years, it will have half the C-14 it began with, and half again (down to one fourth

the original) in another 5,730 years.

This regular decay from a known starting point makes C-14 an obvious timing device, a built-in hour glass in everything that lives. In theory, the lower the C-14, the older the specimen.

But in practice, a low C-14 could indicate something quite other than a long period of radioactive decay from an initially high level: a low C-14 to begin with. If so, a specimen could be far younger than C-14 would make it appear.

A known (or assumed) beginning C-14 level is therefore crucial to radiocarbon dating. Since C-14 dates have correlated roughly with dates determined by other means until about 2,000 B.C., scientists have been able to assume that atmospheric C-14 levels were virtually constant at least till then.

Archaeologists, for example, have determined that the Egyptian Pharaoh Sesostrius III lived about 3,853 years ago (1878 B.C.). C-14 puts him at 3600 years ago (1625 B.C.), indicating a fairly stable beginning C-14 level back to his reign.

But as the Sesostrius dates indicate, archaeological dates and C-14 have not always agreed exactly. Conditions such as temperature of the planet and geomagnetic and solar magnetic fields belting the globe have produced known alterations in atmospheric C-14, causing C-14 dates to differ somewhat from real time.

Back to Sesostrius those differences have not been significant enough to question the general validity of the technique. But before Sesostrius, there is little way of checking against other hard evidence. Archaeological dates prior to 2,000 B.C. are fogged by subjective and interpretive assumptions, Brown says.

The most ambitious attempt to trace C-14 accuracy before 2,000 B.C. has been made by the Laboratory of Tree-Ring Research, Arizona, directed by C. W. Ferguson, of the

University of Arizona.

His guiding assumptions are that one ring means one year, that ancient weather trends produced the same ring pattern in every pine affected, and that ancient weather was similar to today's.

By synchronizing or matching distinctive ring patterns of many overlapping wood specimens from scores of trees, the lab has attempted to construct a master ring sequence extending back as far as 7,000 B.C.

When checked against C-14, the two dating methods have been found in rough agreement, thus lending apparent validity to C-14 dates prior to 2,000 B.C.

Brown, however, says he has reason to doubt the rings. The bristlecone pine, he says, has been known to produce less than one ring a year. But even with a steady one-ring-a-year, ring patterns often lack the distinctiveness (ring-width variation) needed to place positively a given specimen in a master sequence.

Furthermore, he adds, patterns that are distinctive often vary significantly from one side of a given tree to the other.

In fact, plain-out guessing can be avoided in many cases only by relying on C-14 to derive a ball-park location of a specimen in the master ring sequence. But even that does not solve all problems. Says Ferguson, "I often am unable to date specimens with one or two thousand rings against a 7,000-year chronology, even with the 'ball-park' placement provided by a radiocarbon date."

In any case, tree-ring dating is semi-dependent on C-14, thus eliminating any major discrepancy between C-14 and the rings almost by definition. The rings, then, may actually serve to hide the real truth about C-14, Brown says.

He came to that conclusion with a statistical study of some 150 lakes, ocean sediments, and peat bogs scat-

More

C-14 Dating — Continued

tered throughout the world. Brown drew most of his data from the "Radiocarbon Journal," which publishes nothing but radiocarbon age determinations reported by numerous C-14 laboratories.

If C-14 were valid before 2,000 B.C., he reasoned, not only would peat and sediment be older with depth—as all data show—but also that both would be older in direct proportion to depth.

Twice as deep, for example, would mean twice as old. But most of the lakes and bogs bear C-14 ages far too old for their depth—twice as deep, five times as old, in some cases.

Two explanations would be that the deeper material was packed down, or it accumulated slower than did shallower layers. But chances are, neither explanation will serve, Brown says.

"You can't squeeze peat into one fifth its size," he says. "It's not the fluffy stuff you put on your garden. The same with sediment," he adds.

Slower accumulation is equally unlikely. If anything, Brown reasons, the peat, at least, was accumulating faster thousands of years ago than today. Peat grows best in a cool (but not arctic), damp climate, the very climate, in fact, in which peat first grew, says Brown, drawing upon such experts on climate as R. F. Flint.

In more recent millennia, the climate of the planet has been warmer and drier, and peat growth has accordingly slowed considerably. Slow-growing upper (recent) layers, then, should show a far greater age spread than the rapidly-grown lower layers. But in general, C-14 shows the opposite, Brown has found.

Brown's explanation is that sometime prior to 2,000 B.C., the atmosphere contained no measurable C-14. Then could have come a major atmospheric change that resulted in a build-up of C-14 in the atmosphere over several centuries.

That would mean that two organisms that died as little as three hundred years apart could show a C-14 age difference of up to 40,000 years if one organism died just before C-14 began to appear and the other died after it achieved present levels.

In that critical transition period, a radiocarbon year could well refer to a month or less of actual time, Brown says. That would explain why so much C-14 time passes over so little peat and sediment at deeper levels.

This brings into new focus a few C-14 dates previously considered too freakish to warrant serious attention. A frozen musk ox found at Fairbanks Creek, Alaska, had scalp muscle tissue 24,000 years old and hair 17,200 years old according to C-14 dating. At least three other frozen animals, two mammoths and a mastodon, have been found with parts of their bodies with C-14 ages far different from other parts or from surrounding plant life that perished with the animals.

This does not surprise Brown. Hair, he says, is constantly replaced and thus provides an up-to-the-minute readout of the C-14 level in the atmosphere at the death of the animal. But slower-growing body parts such as bone or muscle tissue might be several years out of date.

That lag during a period of rapidly rising C-14 could cause a bone of a ten-year-old mastodon to appear thousands of years older than its hair.

Rampart Cave, located at the lower end of Grand Canyon, offers another example of the possible time-inflating capacity of C-14. The cave contains almost 200 cubic yards of stratified animal dung deposits, mostly from the extinct Shasta ground sloth.

From about 13,000 to 11,000 radiocarbon years ago (a span of 2,000 years) the sloths deposited a layer of dung about 70 centimeters thick, by far the most dung of any comparable previous period. Given the size of the Shasta sloth, three to four hundred pounds, that's not much—about one cubic foot per year, or less than one week's elimination from one healthy adult ground sloth.

"Could that really be?" Brown asks. For a layer 70 centimeters thick 200 years would make much more sense than 2,000, he says.

Brown's conclusions do not purport to entirely destroy the credibility of C-14 before 2,000 B.C. Though C-14 dates as such may be wrong,

C-14 sequence is probably correct, he says. This would mean that a specimen found to be 30,000 years old by C-14 is probably as old as all others indicating 30,000 and older than one 10,000 C-14 years old, if only by a few real years.

The development of early civilizations then could still be traced with C-14. But if Brown is right, primitive man was far more modern than popular archaeology or C-14 interpretation would have him.

Dr. Brown began his research ten years ago with an initial skepticism of C-14 dating based on his faith in the literal accuracy of the Bible. He believed not only in the biblical account of literal creation and universal food, but also in the biblical reckoning of when they occurred. According to the genealogies in Genesis, creation occurred between four and five thousand years before Christ, and the flood followed a scant 2,000 years later.

By that account, all plant, animal, and human remains would be younger than 7,000 years old.

Brown says he was able to hold to a biblical chronology with complete intellectual honesty, despite radiocarbon. But of all archaeological and geological dating techniques, C-14 seemed to him to present the most persuasive challenge to Bible dates. C-14, after all, had an accurate record back to Sesostrius (1775 B.C.), and the bristlecone pine seemed to uphold its validity back to at least 7,000 B.C.

But now, after ten years of research with a biblical model, C-14 poses no threat to Brown's continued belief in a chronology based on biblical data. Since fossils have an infinite C-14 age—40,000 years or more—Brown concludes that there was probably little, if any, C-14 in the atmosphere before the flood. But with the flood could have come cataclysmic atmospheric changes bringing a rapid rise in C-14 and a precipitous drop in C-14 ages from 40,000 to 4,000 radiocarbon years in comparatively few actual years.

Whatever the differences between

More, page 13

Some Tuition-free Classes Offered at Andrews

by ROBERT BOUCHARD

A variety of tuition-free classes was offered by Andrews University last year to students, faculty, their spouses, and the public.

The tuition-remittance comes in two forms: 1) non-credit classes that are free to everyone in the class and 2) regular, credit-bearing classes in which individual students receive free tuition.

Free classes were offered in computing, nutrition, and in health care last year. LeRoy Botten, director of the Andrews computing center, periodically teaches Fortran, Advanced Fortran, APL, or Advanced APL to faculty, staff, students, or interested groups. Over 120 people have so far taken advantage of the classes which, Botten says, are particularly meant to help people use the Andrews computer system. The class usually meets one night a week.

The home economics department regularly offers a "mini-computer course" to members of the Graduate Guild, according to Dr. Alice Marsh of the home economics department. Over 800 people have received the 15 hours of nutrition instruction and 15 hours of demonstration technique included in the course. This is again usually done on a one-night-a-week basis over two quarters. A fee of \$2 to \$10 has been charged to cover the cost of materials.

The nursing department regularly offers a "3 C's" program of testing and instruction on coronary, cancer, and stroke prevention. The program, taken by over 2,000 people, has been offered on campus and around the Lake Union area under the direction of Mrs. Charlotte Hamlin, R.N., of the nursing department. A \$15 charge is made to cover the cost of the lab work. Eight health-improvement sessions are given free of charge to those taking the program.

The largest percentage of free classes is being taken by faculty, staff, and their spouses. During the 1975-76 school year, 172 qualified Andrews workers took 301 credit-bearing classes free. All full-time faculty and

staff are allowed one free class each quarter. Spouses are also allowed free classes after three years. Most courses are taken for enrichment, though a sizable proportion of the workers and an even larger percentage of the spouses are working toward a degree.



A large collection of broad-leafed evergreens, donated by the widow of Paul T. Gard, Jr., has been planted on the grounds near the Science Complex. Above, the donor looks over the planting with Edmund Roy, superintendent of grounds.

GREENERY DONATED FOR AU GROUNDS

Several thousand dollars worth of greenery was recently donated to Andrews University by the widow of Paul T. Gard, Jr., formerly of Watervliet, Michigan.

The collection of broad-leafed evergreens, now located behind the science complex, includes a large number of rhododendron, azaleas, magno-

lias, and other rare shrubs. The greenery, a result of 20 years of collecting and breeding, was transplanted from a nursery in Watervliet and is one of two bequests. The other bequest is being made to Michigan State University.

Gard "wished to leave beauty behind him," said his widow, "and the donation to Andrews was made so that the shrubbery would be properly cared for and that many more people would see and enjoy the results of his years of work."

"There is simply no way that the university could afford to buy that kind of shrubbery," said Edmond Roy, director of the Andrews grounds department. "We feel that they have been placed well and that their appearance really complements the science complex and the surrounding grounds."

Controversial C-14

Continued from page 12

C-14 and real time, C-14 sequence reveals that the earliest civilization began in the Mideast and from there spread throughout the globe. That, Brown says, sounds much like Genesis 11:8: "So the Lord scattered them abroad from there (Babylon, or present-day Iraq) over the face of all the earth."

Fifth Heshbon Season Underway

The fifth and probably final season of archaeological activity at Biblical Heshbon in Jordan is underway.

The archaeological team is looking for individuals who share its interests in the project, its aims and goals, who would be willing to indicate their support through a contribution.

Dr. Larry Geraty, director of the expedition, writes that rapidly rising inflation in Jordan has doubled the cost of housing, food, and other living expenses. Furthermore, the housing arranged for previous to the team's leaving was cancelled because of the number of evacuees needing living quarters.

What Heshbon is All About

The Past... In the 1960's Dr. Siegfried H. Horn of Andrews University was promised financial support for three seasons of excavation if he could put together a qualified staff to "dig" a biblical site. On the recommendation of a number of biblical scholars (and because of its importance in biblical history and current availability), he chose the

ruin mound of biblical Heshbon, known to the Arabs as Tell Hesban, about 15 miles southwest of Amman, the capital of Jordan.

Four successful expeditions followed in 1968, 1971, 1973, and 1974 (the latest expedition financed largely by personal donors), with the result that the occupation and cul-

tural history of the site from the biblical period (1200-600 B.C.) through the Persian, Hellenistic, Roman, Byzantine, Umayyad, Abbasid, and Ayyubid/Mamluk periods is now well known and published in preliminary form, both in church periodicals and in scholarly journals. All this has been done on a very modest budget (\$30,000 a season)—when the scope of the operation (75 staff members, 150 local laborers, working for 8 weeks) is considered.

Though some of the major objectives of the expedition have been realized (e.g., producing an accurate contour map of the region, sampling of the cultural and historical horizons in selected areas of the mound, excavating of representative tombs in the Roman and Byzantine cemetery, and tracing of the Roman road from the site down into the Jordan Valley), a number of objectives remain to be accomplished.

The Future... Since the expedition is beginning to pay rich dividends in terms of important discoveries, it now hopes to raise the necessary funds to complete the excavation of the 6th century A.D. Christian church, the "pools of Heshbon" mentioned in Song of Songs, the city defense system from the biblical period, and, if possible, to find some evidence of the city of Sihon, the Amorite king of Heshbon. When this is done, the excavators plan a major publica-

More, page 15



Heshbon — Continued

tion of all the results and their implications for biblical, historical, and cultural studies.

Why It's Important

Biblically... Heshbon is first mentioned as the capital of Sihon the Amorite, whom the Israelites defeated in the conquest of Canaan (Numbers 21). Later it figured in Jephthah's argument with the Ammonites in the Judges period (Judges 11). Song of Songs (7:4) compares the eyes of Solomon's beloved to the pools of Heshbon, evidence for which was discovered in the 1973 season of excavation. Heshbon is the subject of prophecies by Isaiah (15:2,4; 15:8,9) and Jeremiah (48:2,34,45; 49:2,3), and the excavations have confirmed the site's occupation during this period, as well as in the succeeding Hellenistic, Roman, Byzantine, and Arab periods.

Denominationally... Heshbon, the only excavation in the Middle East sponsored by the Seventh-day Adventist Church, thus becomes a major opportunity for witness and the training of Adventist ministers, evangelists, and teachers; for providing valuable objects for the church's museum at Andrews University; and for giving seminarians and others occasion to become acquainted with the land of the Bible firsthand.

Scientifically... Heshbon has provided abundant data for the little-known culture and history of Trans-Jordan. For instance, George Ernest Wright of Harvard, the world's leading biblical archaeologist, has said, "Specialists must in the future consider the Heshbon Expedition one of the pivotal excavations in Jordanian archaeological history. For this reason, its importance is out of all proportion to the money spent."

Help is Needed

In terms of objectives, the 1974 season was the most productive. Yet at the very time results seem the most promising, the expedition's funds are nearly exhausted, said Geraty. A number of factors made it imperative that the expedition staff return to Jordan this summer:

1. Assembling a qualified staff is

often a major problem, but the expedition has one this summer. Three key staff members were already in Jordan on other assignments, and their services are available to the expedition without further travel expense only this summer.

2. The longer the time between excavation seasons, the more destruction there is of ancient remains in the excavation areas at the site. Already, word has reached the expedition staff of vandalism and illicit digging in certain of the areas at Heshbon.

3. The political situation in Jordan is more stable than it has been in the past 25 years, and the expedition was urged by the national and local governments to return this summer.

4. Possible further dollar devaluation and rising inflation in Jordan means that the more spent now, the more results the dollars will achieve in terms of the expedition's objectives.

current and long-range benefits to the objectives of the expedition and to you, Geraty said.

A \$1,000 contribution... brings you the gift of your choice of an ancient ceramic pot, glass vessel, or coin (plus benefits of contribution below).

A \$500 contribution... assures that your name will be inscribed on the Friends of Heshbon bronze plaque in the Andrews University Archaeological Museum (plus benefits of contributions below).

\$100 contribution... brings you a complete report of the 1976 season's accomplishments plus a little souvenir of the dig.

Checks should be made payable to Andrews University.

How You Can Help

You can help the expedition in the following ways that will bring both



Ruth Show, recently retired to part-time work, has been secretary for the School of Graduate Studies during the terms of four deans. From the left, they are: Dr. Gordon A. Madgwick, Dr. Joseph G. Smoot, Dr. Emil Leffler, and Dr. F. E. J. Harder.

AU Awards Day

Continued from page 8

to Vivian Foreman; the Frank L. and Alice G. Marsh Scholarship to Esther Olajide; the Leland R. and Evelyn F. McElmurry Scholarship to Ruth Brzoska; the Francis D. Nichol Endowed Scholarship to June Nowlin; and the Anna Nosworthy Patterson Scholarship to Judy Kenline.

Other scholarships were the Winifred Tefft Piper Scholarship to Carol Atkinson; the M. L. Rice Endowed Scholarship to Lee Newby; the Myrtle May Rice Endowed Scholarship to Janice Jensen; the Thomas W. and Margaret Steen Scholarship to Elvira Westman; the T. E. and Margaret S. Unruh Scholarship to James Pavelka; the Emma Lou Vogel-Vale Endowed Scholarship to Rita Waterman; and the William H. Wohlers Memorial Scholarship to Theophilus Afolabi.

The history department awarded a \$2000 Weniger Fellowship for graduate study at Andrews to John Nay, a \$600 grant to Mi En Thoeng; and \$500 grants to David Babalola and Fidelis Ibezim.

The department of business administration gave a \$1500 Weniger Scholarship to Dean Behner. In addition, two prizes were given for the best papers in the class, Seminar in Business, taught by Dr. Robert Firth. A \$75 first prize was given to Judson Nelson; a \$50 second prize was awarded to Harold Becker. The annual Wall Street Journal Award was presented to Michel Augsburg.

The mathematics department gave Ana Rosa Bacchus a \$2600 graduate fellowship and John Gimbel a \$1733 graduate fellowship for study in math next year. The best freshman calculus student, Shinzo Amagai, was given a free year's subscription to **Mathematics Magazine**; the best sophomore calculus student, Forrest Ritland, was given a free life membership in Pi Mu Epsilon, the mathematics honor society.

A \$1500 graduate fellowship was awarded to Mervyn Joseph for graduate work in music.

The modern languages department gave \$100 to each of the following

students: Sandra Reyes (Spanish), Sheri Parshall (German), and David Gary (French).

Weniger Fellowships were awarded to Judy Myers and Meredith Jones for graduate study in the English department. In addition, Dr. Joyce Rochat announced the students who had had stories accepted for publication in Seventh-day Adventist or non-denominational magazines.

She also noted that her student, Barry Casey, graduate/religion, won the \$500 grand prize in this year's **Insight** short-story contest. Placing for third was another of her students, Jeanne Gemmel.

Forest Ritland was awarded a **Handbook of Mathematical Functions, Formulas, and Graphs** as the best physics student of the year.

A secretarial handbook was given to Linda Clough as the outstanding secretarial student of the year. Six students were honored for achieving typing speeds of over 80 words a minute: Patricia Young, Susan Slikkers, Bonnie Quay, Elaine Jobson, Jacqueline Ham, and Sandra Schneider. Two students were also honored for achieving a shorthand speed of 120 words a minute; Jacqueline Ham, and Linda Clough.

The biological sciences department gave Lowell Hamel a \$900 graduate grant for the 1976-77 school year.

Gary Piekarek was presented with a **CRC Handbook** of chemical tables and formulas as the outstanding chemistry student of the year.

Thirty seniors received certificates for being listed in the 1975-76 edition of **Who's Who Among Students in American Universities and Colleges**.

Academy Awards

Andrews University Academy awarded 102 of the senior class members with honors and awards, June 3, during class night, for outstanding achievement in the academic, vocational, social, and spiritual domains. Over \$28,000 total was awarded to the seniors in scholarships and grants.

The Principal's Award, the highest

honor given by the school, was given to Ava M. Willis and to Timothy Turner for the qualities of character the school most appreciated.

Leonard Minisee was awarded **The National Achievement \$1,000 Scholarship** sponsored by the Bemis Company Foundation in recognition of outstanding performance and promise for future academic achievement.

Recognized for **Distinction of Highest Academic Standing** was Deborah Hall.

Other awards: **The National Merit Commended Scholarship** Certificate of commendation for outstanding performance: Leonard Minisee, Lauren Oliver, Vicki Kruger, and Ava Willis.

Andrews University Freshman Scholarship Award of \$500: Judy Curry, Nancy Habenicht, Deborah Hall, Yvonne Lee, Brenton Mullins, Anita Nielsen, Sharlita Rodgers, Julie Rorabeck, Alice Twomley, Heidi Vymeister, and Carolyn Wernick.

National Honor Society pins (honor graduates): Judy Curry, Deborah Hall, Yvonne Lee, Louann Peeples, Carolyn Wernick, Nancy Habenicht, Leonard Minisee, Brenton Mullins, Anita Nielsen, Lauren Oliver, Julie Rorabeck, and Alice Twomley.

The Daughters of the American Revolution History Medal: Deborah Hall.

"I Dare You" Leadership Award: Louann Peeples and Leonard Minisee.

Dana Corporation Citations: D. Copsy, Lawrence G. Hatcher, Alex S. Miskiewicz, Jeoffery S. Anderson, and J. Todd Weakley (proficiency in automobile mechanics).

State of Michigan Competitive Scholarship Program Awards: Timothy Copsen, Judith Curry, Randy Dowell, Lillian Edquid, Nancy Habenicht, Deborah Hall, Laurence Hatcher, Bruce Higgins, Mark Howard, John Kroncke, Leonard Minisee, Alex Miskiewicz, Tamela Mullin, Brenton Mullins, Lauren Oliver, Louann Peeples, Sharlita Rodgers, Josephine Shea, Jillian Stiles, Ingrid Swaine, Alice Twom-

More, page 23

have fun *Digging in Diaries*-Part III

by EMMETT K. VANDE VERE

Sherman E. Wight (1869-1958)
Attended College From a Michigan Farm, His Parents Establishing Their Home in Battle Creek to Facilitate His Study. His Father Teamed For the Sanitarium but Sherman Usually Worked at the College Tent Factory.

Sherman E. Wight:

March 9, 1889. Sat. Went to meeting. Went forward to be praid [sic] fore [sic]

March 10, 1889. Sun. Wrote letters Went to meeting in the evening

March 11, 1889. Mon. Went to school. Went to an inquiry meeting at the tabernacle

March 21, 1889. Th. Worked at the Sanitarium. Was at a meeting to the College for those that were to be baptized

March 30, 1889. Sat. Went to meeting. Was baptized

March 25, 1892. Fri. Went to school. Went to the tent shop for my pay and John & I went down town. I bought pants at \$6. W. Doty & I went down town for shew [shoe] blacking, but found none

March 26, 1892. Sat. Went to meeting. Prof. Prescott spoke. Cassius & I were at the College lecture a few minutes. we started for Eld. Corliss but was raining so returned

March 27, 1892. Sun. Cassius went to Eld. Corliss. When he returned we joined John in cutting wood out in the country. W. M. Doty was out a few minutes.

March 28, 1892. Mon. Went to school. Cut W. Doty's hair. Went down town for ma. the College organ [a Vocalion, a gift from the Wessels family of South Africa] came this morning.

March 29, 1892. Tu. Went to school. The new organ was played on this morning for the first time. John & I went to the tent shop. I went to singing class.

March 30, 1892. Wed. Went to school. Cut Cassius's hair. Went to Mr. Hardenburgs for stove pipe, and placed it on the chimney. Prof Barnes [played] the organ from five to six in the chappel [sic]. All went to meeting in the evening but me. I went to th San. for a job working in the packing room. Rained. [Source: Sherman E. Wight, MS Diary. Held by the compiler.]

[Wight eventually served long terms as president of local and Union conferences in the Lake, Southern, and Central Unions.]

Miron Wallace Newton (1866-1960) of Iowa Spent Many Zestful Days Attending Battle Creek College. His Memory Provides Estimates of Some of His Instructors.

Miron Wallace Newton:

For manual training I chose carpentry [carpentry under W. C. Sisley] and the first year was spent in mak-

ing wooden contribution boxes, thousands of them, enough to supply the entire denomination. . . . On the sides and ends of the box, printed red paper was pasted admonishing the owner to "lay by on the first day of the week."

I have always thought of Professor [Prescott] as the best Pres [ident] I was ever under, and I was under seven at Union [College] and more than seven at Pacific Union. . . .

Our Botany teacher was A. W. Kelley, not an enthusiastic man before his classes, but when I would take my problems to him in his home of an evening he was most cordial and would give me answers to all my queries. We used to call him a "Walking Encyclopedia." It was from him that I got my first lessons in Astronomy. . . .

I had good times with all my teachers. E. B. Miller was my close friend, and he was moved to Union College in 1891 where we built stereopticon projectors together and gave lectures. It was from him that I got my interest in Bible lands. . . .

. . . about Professor Griggs, Fred was always one of the jolliest fellows I ever knew. . . . the . . . bottom of the Arion Male Quartette. He had an unlimited supply of stories and could entertain a crowd. . . . I never regarded him as a profound student, but he knew how to present things to make them of interest to others. He was a good College President, but not the Prescott kind. . . .

I met Professor Bell. He was a small, stooped-over man with a heavy white beard that looked as though it was a yard long. I'm glad that has ceased to be the style. . . . [Source: Miron Wallace Newton letters July 26, August 5, October 31, 1967, to the compiler.]

[Newton chose to be a teacher at Union and Pacific Colleges. The histories of those two institutions sparkle with his exploits and formative influences—at the latter place he was styled "The Grand Old Man of Howell Mountain."]

George McCready Price (1879-1963), a Canadian by Birth, Attended Battle Creek College in the Early Nineties Where He Was an Alert Student.

George McCready Price:

. . . I did not expect to be able to continue at college more than one year; so I was determined to get everything I could. But why they allowed me to enter the class in Church History I do not know; for it was the most advanced history class in the school. I had a tough time of it for a month or so; but I made it and finished in good shape.

The teacher of this history class was a rosy-cheeked Irish lad only three or four years my senior, named Percy T. Magan. As a textbook, believe it or not, we had the first four

volumes of Gibbon's *Decline and Fall* [of the Roman Empire], with large selections from Neander, Mosheim, etc. As most of the class of 25 or 30 were juniors or seniors, it may well be believed that I had no easy time. . . . But it was a wonderful class; and I became so intrigued with the subject that within a few years of leaving Battle Creek I supplied myself with a complete set of Neander in 13 volumes, a set of the *Greek Ecclesiastical Historians* in 5 vols., and some others. [Source: George McCready Price, MS Memories of Battle Creek (ca. 1957). Held by the compiler.]

[Price developed as a writer in the fields of Geology and Special Creationism, authoring 23 volumes and numerous articles.]

Orwin Allison Morse (Grandson of Washington Morse, Minnesota Pioneer) Studied at the College from 1889 to 1894. Although The College By No Means Specialized in Music, Orwin Decided To Do So.

Orwin Allison Morse:

Music was very much a side line in those days. Prof. Barnes conducted a class for sight singing, and we practiced some good choruses, but there was no glee club or college chorus or band. In the dormitories evenings of music were occasionally given, the performers being only from our students and only seldom from any outside talent. After we had the vocalion, Prof. Barnes gave some organ recitals. In Battle Creek [City], a course of lectures, concerts, and entertainments were offered. . . . Prof. Barnes was listed in the catalog as instructor in music, there were not regular courses offered. Those of us who took music simply went to him for lessons and paid him our tuition. None of this work went on the college record.

After 1894 I spent the next four years in music study in Toronto. . . . These old memories are precious to me and as they come back to me, they give much pleasure. Their influence on my life has been strong and good. . . . [Source: Orwin Allison Morse, MS Reminiscences of Battle Creek College (ca. 1956). Held by the compiler.] [Morse remained a devotee of the fine arts, especially of music, the rest of his life. And he repaid his alma mater well by serving as the first music teacher at Emmanuel Missionary College.]

Maui Pomare, Battle Creek Student From 1892-1894, was Altogether Different; His Background Made Him So.

[The plight of the New Zealand Maoris around 1900 was a familiar one to Americans, red and white: removals, foreign diseases, altered diet including refined sugar and bolted, bleached flour), alcohol, guns, numerical shrinkage, loss of morale,

More, page 18

Diaries — Continued

tribal disintegration. Would extinction occur? It did not! And why? In part because Seventh-day Adventists in 1885 dispatched representatives, such as S. N. Haskell and Arthur G. Daniels, to Australia and New Zealand. Some Maoris located near Planty Bay were won to the faith. A young man, Maui Pomare, was induced to attend Battle Creek College and the American Medical Missionary College to prepare himself to serve his people. His club talks made news for both the *Review* and the *Battle Creek Daily Journal*.]

Maui Pomare (In Gist):

Review and Herald, September 12, 1893. M. C. Israel explained the story behind Maui Pomare, emphasizing that the youth had only gotten leave to study from his tribesmen because he was a chief. Those who had induced Pomare to come to Battle Creek hoped "he will try to get the [Adventist] message before his people."

"He is desirous of benefiting his countrymen,..."

Daily Journal, May 3, 1894. Pomare lectured in the College chapel pointing out how his native settlements dotted the map of New Zealand; how Polynesians had migrated there long ago in 50-man canoes; how his ancestors had gone about clothed in a "hungry smile," perhaps eating a missionary now and then in order to have "good blood" in their veins.

Review and Herald, May 8, 1894. Maui Pomare, young Maori chief from New Zealand, gave a very interesting and instructive talk before the college missionary society at its regular meeting at the College chapel, last Wednesday evening, on the manners, customs, and religion of his people. Brother Pomare has been in this country only about a year, and is preparing to take the message back to his race. Judging from the easy way in which he speaks the English language and his pleasing address, he is making good progress in his studies. *Daily Journal*, April 21 1898. Pomare, having successfully finished medical training, will soon go to "reduplicate the Battle Creek Sanitarium" in his own country.

[But missionary-doctor Pomare did not accomplish that. However he registered historically, for he had not long been home before the Island Government appointed him medical officer of health to the Maoris in 1900. He rallied other Maori doctors to help revivify the Maoris. Thanks to improved medicine, wiser hygiene, better farming, between 1900 and 1961 their population increased from near 43,000 to 167,000. So then, precisely the things stressed and taught at Battle Creek enabled Pomare and his collaborators to serve as bridges of salvation for their people. See Joan Metge, *The Maoris of New Zealand (1967)*.]

Participants in the Educational Experience at Battle Creek Were Not Unaware of the Contributions Made to Church Advancement.

Accordingly **Arthur Grosvenor Daniels** Rapsodized:

It is more than a third of a century since the writer left Battle Creek College, and the blessings of those student days seem of greater value with each passing year. Among fellow students of those days were O. A. Olsen, E. H. Gates, O. A. Johnson, I. J. Hankins, L. T. Nicola, L. A. Smith, D. W. Reavis, Mrs. G. W. Caviness, and others who have given their whole lives to this cause. And these first students to leave that institution have been followed by a host of others who are today carrying great responsibilities in all branches of this work. Who of all these would speak lightly of dear old Battle Creek College? or consent to have all it did for them blotted out? [Source: Arthur G. Daniels, *Review and Herald*, February 20, 1913, p. 9.]

For Wider Windows

To Widen This Window

One could study other prominent men from their diaries such as these:

George Washington Amadon
George Royal Avery
Augustin C. Bourdeau
John Byington
John Norton Loughborough

CONCLUDED

Grant from Kellogg Foundation Will Integrate AU Library with Nation-wide System

A \$7,500 grant from the W. K. Kellogg Foundation has been awarded to Andrews University for use in integrating the James White Library's cataloging with a nation-wide standardized system.

Andrews, in association with approximately 450 other Michigan libraries, has recently affiliated with the Ohio College Library Center (OCLC) of Columbus, Ohio. The major advantage to being a member of this network, according to Mrs. Mary Jane Mitchell, Andrews librarian, is that students and faculty will have immediate computerized-information access to library collections all over the country. Such institutions as Harvard and Yale Universities and the New York Public Library System belong to OCLC.

"The W. K. Kellogg Foundation has shown keen interest in the development of more modern techniques

AUA Construction Plans Outlined

The new 60,000 square foot academy building, to be located near the Ruth Murdoch Elementary School, is scheduled to break ground in the spring of 1976. Construction, according to Richard Orrison, director of the University School, should take about a year. Plans for the new academy building are in the hands of the architect as preliminary drawings.

"We've become masters at juggling spaces," said Bill White, assistant principal. In a building that originally provided space for 215 students, the University School now has 360 students attending at some time during the day.

The new academy building, a project originally estimated at costing \$1.25 million, is being built for 400 students with a capacity of up to 500 students. The building will include areas for industrial arts and a gym, as well as for labs, classrooms, and offices.

in the cataloging of books which will have a tremendous impact on the development of the research library at Andrews University," said Dr. Joseph G. Smoot, Andrews president.

"The Andrews grant is part of the \$1.5 million program which the Kellogg Foundation has granted to Michigan public and academic libraries to facilitate the implementation of the network. It will be possible in the near future not only to locate and find the accession number of a book in another collection but also to order it through the terminal without the present, more time-consuming necessity of filling out and processing a set of forms.

"The Kellogg Foundation is confident that when the network system is in place, first class service will be available to every citizen utilizing library resources," said Foundation President, Dr. Russell G. Marby.

DEVELOPING MINISTRY TO THE WHOLE MAN IN COLLABORATION WITH THE HEALTH PROFESSIONS

By Herald Habenicht, M.D., FAAP*



Dr. Herald Habenicht, associate professor of health education at the Seventh-day Adventist Theological Seminary at Andrews University.

* A paper presented by Dr. Habenicht at the biennial meeting of the Association for Professional Education for Ministry in June, 1976. The meetings were held at the Boston University School of Theology.

Andrews has a unique arrangement with its Medical Center physicians teaching five classes in the Theological Seminary.

This presentation describes the development of a seminary program to train ministers for team work with health professionals in a total ministry to the whole man. We will examine the development of the program including: felt need, personnel, objectives, and content. Finally, we will attempt to evaluate the effectiveness of the program.

Seventh-day Adventist Theological Education

Seventh-day Adventist advanced theological education began in 1934 with the establishment of the Advanced Bible School. In 1955 the name was changed to Seventh-day Adventist Theological Seminary and in 1959 the seminary was moved to Berrien Springs, Michigan, and became a part of the newly formed Andrews University.

For a few years in the early 1950's, Dr. J. Wayne McFarland, director of the Seventh-day Adventist General Conference Medical Department and editor of *Life and Health* magazine teamed with seminary teachers in public evangelism and taught a popular elective course entitled "Principles of Health." With Doctor McFarland's move to Loma Linda, California, these first seminary efforts in team ministry were laid aside—not to be picked up for another 15 years.

Seventh-day Adventist Medical Education

About the turn of the last century, the Seventh-day Adventist medical school in Battle Creek, Michigan (American Medical Missionary College) was moved to Loma Linda, California. There it received its new grade-A charter under the unique name, College of Medical Exangelists, and took as its motto "To Make Man Whole."

In the almost 75 years of its existence, the College of Medical Exangelists (now named Loma Linda University) has graduated 5,024 doctors with a unique training and mission. Christian teachers, many of whom have served in overseas mission service, uphold the ideal that the Christian medical professional has a unique calling to minister unselfishly as Christ did ("who went about doing good, and healing all that were oppressed of the devil" Acts 10:38).

Ten percent of the graduates of Loma Linda University have served in overseas medical ministry. Many of the remaining 90 percent have become faithful witnesses of Christ's love as they practice the healing arts in large cities, small towns, and rural areas of North America.

All of these physicians, whether they plan for overseas mission service or homeland practice, take Bible classes during each year of their medical training. The concept which this paper develops of a team ministry between the minister and the health professional received more emphasis from the medical state than the ministerial side in its inception.

Development of the Program

Trends

During the 1960's several factors in our society aided in a renewed emphasis on the wholeness of man. Religious writers began to speak in this area. (See selected bibliography.) The American Medical Association's Department of Medicine and Religion became active. Such 16 mm color sound motion pictures as "The One Who Heals," "Prescription — Roses," and "A Storm — A Strife" drew the thoughts of doctors and ministers toward a combined ministry to heal man.

In the Seventh-day Adventist church, where this idea had been born a century earlier, a renewed emphasis of team ministry was observed, both in America and other countries. The General Conference Medical Department was renamed the Department of Health. Total health became the byword from the pulpit as well as the hospital.

Mrs. E. G. White — whom Seventh-day Adventists hold as demonstrating the gifts of a prophet — was studied with renewed emphasis. The following counsels are typical of her 19th-century philosophy:

"In all His labors, Christ united the medical missionary work with the ministry of the Word." — *Counsels on Health*, p. 517

"The physician and the minister should realize that they are engaged in the same work. They should labor in perfect harmony. They should counsel together." — *Counsels on Health*, p. 550

"No line is to be drawn between genuine medical missionary work and the gospel ministry." — *Medical Ministry*, p. 250

"How shall we reveal Christ? — I know of no better way . . . than to take hold of the medical missionary work in connection with the ministry." — *Medical Ministry*, p. 319

Personnel

We feel God has directed in the growth of our professional medical group. About eight years ago, K. Robert Lang, M.D., initiated dialogue with Dr. Richard Hammill, president of Andrews University, regarding the lack of unity and purpose of graduates from Loma Linda University and the Theological Seminary. As a result of these conversations, in 1969 Doctor Lang was invited to join the Andrews University staff. He directed the student health care and started the first elective classes in team ministry at the seminary. (Seminar: Physician-Minister Relationships, CM608; The Ministry and the Healing Arts, CM542; Health Ministry and Medical Evangelism, CM543).

The writer joined the Andrews University staff the following year as Associate Director of Student Health Care and Associate Professor of Health Education in the seminary. Dr. Demetrio Hechanova, Dr. Ronald Spalding, and Dr. Victor Bigford (a dentist) joined us in 1973. (Doctor Lang left for residency training.) Dr. Clayton Whetmore came in 1975 and Dr. Robert Thomas will join us this August.

Each one of these medical practitioners has a special interest in a medical ministerial ministry. Three of the

physicians are also ordained ministers. Special interest areas include: marriage counseling, pastoral hospital visitation, radio health ministry, drug problems of youth, health education, and community service. Each came to our group with experience in spiritual ministry through a medical or dental practice.

The entire cost of the classroom, field services, and speaking itineraries of these men is approximately one half of a full professor's budget. They support themselves through the medical practice carried on in the university health center.

Objectives

As health care professionals, we have four main objectives in our association with the seminary. We are endeavoring to help each seminary student:

- 1) Develop a biblical theology of health, healing, the nature of man, the wholeness of man, and team ministry.
- 2) Develop an appreciation of the importance of personal health care and an individual physical fitness program.
- 3) Learn how to work with health professionals in effective healing ministry teams.
- 4) Finally, we hope to reach out, through a new kind of minister and ministry, to the world church and the larger world about us with an expanded concept of "total healing for the whole man."

Organization of Classes

As I stated earlier, we started with three elective courses in 1969 — Seminar: Physician-Minister Relationships, The Ministry and the Healing Arts, and Health Ministry and Medical Evangelism. Dr. W. G. C. Murdoch, dean of the seminary, and Dr. Wilbur Alexander, chairman of the church and ministry department, were most understanding with our requests and suggestions and encouraged us in our moments of frustration and discouragement.

After three years of observing student attitudes and responses and seeing a real value demonstrated in the field as our first students went out to church assignments, our dean and department chairman recommended to the Courses and Curricula Committee acceptance of our request for a core course.

In 1973 we were authorized to begin teaching Ministry of Healing. As we had petitioned, this course was to be taught the first quarter of seminary studies. This was to ensure an early start for the student's own physical fitness program and to give him tools for his field work assignments. It was also necessary to allow time for the course requirements of the conjoint program.

There are three other elective courses I should mention briefly. Non-Drug Therapeutics is a combined health lecture-laboratory class, team-taught by physician, nurse, dietitian, and physical education teachers. The seminarians' wives are encouraged to take the class at the same time — audit or for undergraduate credit. They learn hydrotherapy, simple home remedies, and how to prevent a majority of health problems. Basic Nutrition is taught by the university home economics department. It usually has 50-60 students each time it is offered. Con-

cepts of Physical Fitness is taught by the university physical education department.

Development of Objectives

The previously mentioned objectives of our program will now be discussed in more detail.

1) Develop a biblical theology of health, healing, the nature of man, the wholeness of man, and team ministry.

A) Man's Original Perfect (Wholistic) Nature

"God formed man of dust from the ground, and breathed into his nostrils the breath of life; and man became a living being" (Gen. 2:7, RSV).

"God created man in his own image, in the image of God he created him; male and female he created them" (Gen. 1:27, RSV).

Provided a helper fit for him (Gen. 2:18, RSV). Both naked and not ashamed (Gen. 2:25, RSV).

Man was to have dominion over the earth and animals (Gen. 1:28, RSV).

Man was to work (Gen. 2:15), provide food (Gen. 1:29).

Man given the freedom of choice (Gen. 2:9; 3:2, 3).

God pronounced man "very good" (Gen. 1:31). All his needs — physical, emotional, social, and spiritual were provided for.

B) Sin Marred the Perfect Wholeness of Man

Death is inevitable — "you are dust, and to dust you shall return" (Gen. 3:19, RSV).

Man's work much more difficult (Gen. 3:18, 19).

Lost dominion over his garden home (Gen. 3:24).

Made to eat the plants of the field as well as fruits of the trees (Gen. 3:18, RSV).

Man naked and ashamed (Gen. 3:7, RSV).

Childbirth painful (Gen. 3:16).

Man hid himself from God's presence (Gen. 3:8).

One can readily see that every aspect of man — physical, emotional, social, and spiritual — was marred by sin. Every good aspect of man was sustained by the tree of life (Gen. 3:22) and became defective and blemished when man was separated from it.

C) Historical (biblical) Attempts at Restoration

During Old Testament times God attempted to restore man through the old covenant relationship. The Ten Commandments spoke to his social, emotional, and spiritual needs, while the Levitical health laws were to protect and restore physical well being.

The promise of physical prosperity is perhaps best illustrated in Ex. 15:26 (RSV): ". . . If you will diligently hearken to the voice of the Lord your God, and do that which is right in his eyes, and give heed to his commandments and keep all his statutes, I will put none of the diseases upon you which I put upon the Egyptians; for I am the Lord, your healer."

In New Testament times we have recorded far greater emphasis on the wholeness of man and on physical healing.

"He [Jesus] went about all Galilee, teaching in their synagogues and preaching the gospel of the kingdom and healing every disease and every infirmity among the people" (Matt. 4:23, RSV). Sometimes he would say, "Be healed of your trouble" (Mark 5:34, TEV), and sometimes he would say, "Your sins are forgiven" (Mark

2:5, TEV). The whole purpose of Christ's ministry is summarized in John 10:10 (LB) where he said, "My purpose is to give life in all its fullness."

He was conscious of physical needs (Mark 6:31) and of emotional needs (Mark 6:50).

He fulfilled beautifully the prophet's prediction to:

Strengthen the weak hands,
and make firm the feeble knees.

Say to those who are of a fearful heart,
"Be strong, fear not!

Behold, your God
will come with vengeance

With the recompense of God.

He will come and save you."

Then the eyes of the blind shall be opened,
and the ears of the deaf unstopped;

then shall the lame man leap like a hart,
and the tongue of the dumb sing for joy.

Isa. 35:3-6, RSV

John re-emphasized the wholistic concept when he wrote in 3 John 2, "Beloved, I wish above all things that thou mayest prosper and be in health, even as thy soul prospereth."

D) Team Ministry

The Old Testament tells of Moses and Aaron and Zerubbabel and Jeshua. In these examples Moses and Zerubbabel are God's servants proclaiming the covenant promise for spiritual healing, while Aaron and Jeshua as high priests pronounced physical healing according to Levitical code.

In New Testament times our most beautiful example is the merged ministry of the apostle Paul and his physician-companion doctor Luke. From Acts 16:10 we gather that Luke was also an evangelist. The Bible narrative is silent as to the physician's part in the healings on Malta (Acts 28:3-9). In Col. 4:14 Paul calls Luke "the beloved physician" and from 2 Tim. 4:11 we know that Luke alone remained with the aging apostle to the end of his earthly ministry and ministered to his spiritual, emotional, social, and physical needs.

Jesus also advocated team ministry in sending out the 12 disciples (Mark 6:7, 3:13-15, Matt. 10:1, Luke 9:16) and the seventy (Luke 10:1, 9).

E) Paul's Emphasis upon the Body

"Your body is a temple of the Holy Spirit within you" (1 Cor. 6:19, RSV).

"Present your bodies as a living sacrifice, holy and acceptable to God, which is your spiritual worship" (Rom. 12:1, RSV).

"May your spirit and soul and body be kept sound and blameless at the coming of our Lord Jesus Christ" (1 Thess. 5:23, RSV).

"Whether you eat or drink, or whatever you do, do all to the glory of God" (1 Cor. 10:31, RSV).

2) Develop an appreciation of the importance of personal health care and an individual physical fitness program.

We found early in our work with seminary students a real need for a higher health priority in their own lives. Since our campus office served the entire community we were able to discern many stress diseases and psychosomatic illnesses brought on by the scholastic pressures

of the nine-quarter Master of Divinity program.

"Ministry of Healing" as a core course has been very instrumental in improving this situation. As preservation of health becomes understood as a sacred duty and as keeping health laws becomes as meaningful as obedience to the Ten Commandments, they realize that sinful men can only keep either set of commandments by the grace and power that comes from Jesus Christ.

The seminarian learns that the desire to eat right, to maintain the proper body weight, and to abstain from stimulants, drugs, and harmful practices all comes from a personal commitment to the heavenly Friend.

We make it easier by daily running (jogging) periods, special times for seminary families to swim, play volley ball, and similar physical activities. Faculty members participate regularly in all these health activities.

3) Learn how to work with health professionals in effective healing ministry teams.

The students are given practical field experience working with physicians in such programs as:

- a) Community health surveys
- b) The five-day plan to stop smoking
- c) The 4 DK program for alcoholic rehabilitation
- d) Health assessment or risk programs — heartbeat, 3 "C"s
- e) Truly integrated ministry-physician-conducted public evangelism
 - 1) 21st Century
 - 2) The Joy of Living
 - 3) Life at Its Best
 - 4) The Abundant Life

Students give health talks in migrant and charity clinics. They learn the organization of welfare centers and community services. They see how screening vans operate using church laymen for detection of diabetes, glaucoma, hypertension, sickle cell anemia, hearing problems, etc. They visit "Meals on Wheels" and senior citizen projects. Some students choose field experience working in the mental health clinics, drug addiction centers, or hot-line training programs. Some do crisis intervention with runaway teen-agers.

We discuss and plan doctor-minister retreats. (A weekend when doctors, ministers, and their families get together to pray and study God's word and plan together for effective team Christian witness.)

Last year one of our classes planned an afternoon and evening meeting with a banquet and guest speaker. It brought together the county medical society and the county ministerial association. Dr. Granger Westberg (University of Illinois Medical School) was our guest and told the combined group of his experiment with Wholistic Clinics held in churches in the Hinsdale, Illinois, area.

We help the future ministers to understand the special problems of physicians—economic, malpractice, demands on time, hazards of spiritual weakness from success, money, overwork, etc.

4) We hope to reach out through a new kind of ministry and minister to the world Adventist church and the larger world about us with an expanded concept of "total healing for the whole man."

We are excited with what is already happening and can anticipate with God's blessing far greater results in the near future.

A) The Conjoint Loma Linda-Andrews University M.Div.-M.S.P.H. (Master of Science in Public Health) Program.

From five to ten percent of our students during the last three years have chosen to take health courses on our campus and then continued two additional quarters on the Loma Linda campus to finish an M.S.P.H.

The following ministerial options are then open to them:

- 1) Continue in the role of parish pastor
- 2) Join health professional groups as health education coordinators, counselors, religious instructors, etc.
- 3) Become health coordinators for larger organizational units
- 4) Enter mission service

B) *Ministry Magazine*

For the last two years *Ministry Magazine*, the professional journal for Seventh-day Adventist ministers, has contained a section on health in each issue. This is an appreciated addition to the journal and contains excellent material to keep up with new findings and research and restate old health principles. The writer has been an associate editor (for the health section) since the new expanded magazine came into being.

C) Doctor-Minister Retreats

It has been exciting to see these witnessing workshops grow in number and attendance. Recent graduates are frequently the motivating and organizational force behind them.

D) Screening Vans

This new concept of Christian witness through concern for the physical needs of our neighbors has brought new life to many churches and also many decisions for Christ.

E) The Seventh-day Adventist Doctor

The Adventist medical profession is coming alive as a new kind of minister is seen in the pulpits. The new preacher is interested in *them* not just their pocketbooks.

Doctors are becoming more involved in a total medical, spiritual ministry. This past February when the Loma Linda University School of Medicine held its annual alumni post-graduate convention, the best attended meeting was the two-day seminar on how to conduct a spiritual ministry in the doctor's office.

Spring quarter in our class, Seminar: Physician-Minister Relationships, one of my students sent a questionnaire to 50 Loma Linda School of Medicine seniors. One of the questions read as follows:

Would you be willing to become a member of a city medical evangelism team (composed of M.D.'s, ministers/evangelists, school of health graduates, nurses, medical/seminary students, etc.) and use your professional skills and your Christian witness to reach the masses with a message of Christ's love?

Of the 48 students who responded: 18 (37.5%) said

yes!; 21 (43.7%) said probably; and only 9 (18.7%) said no.

For the past two years Dr. Wilber Alexander, formerly chairman of the Church and Ministry Department of the seminary has been professor of Clinical Ministry in the Loma Linda School of Medicine. There he makes daily rounds with junior and senior medical students. He has developed a spiritual history and inventory that is used by the students as part of every history and physical done in the hospital.

F) Ministers Working in Primary Health Care Centers.

During the last three or four years we have seen some of our graduates (especially from the combined M. Div.-M.S.P.H. program) placed in physicians' offices. (In these cases the medical group reimburses the local conference who pays the minister's salary.)

These specially trained ministers work hand in hand with the health professionals. They have more time than the busy physician, and their professional training equips them to be good listeners. They work effectively with depression, suicidal impulses, weight-control problems, marital problems, and many other similar problems of the spirit.

These men become community health resource persons and find outreach to schools and service clubs and similar organizations.

Conclusion

As we look back over the past seven years we can see God's hand of providence watching over this program. We have no intention of taking a single man from the ministry, but we do want to teach him to minister as Christ ministered.

Our Lord Jesus Christ came to this world as the unwearied servant of man's necessity. He 'took our infirmities, and bare our sicknesses,' (Mat. 8:17) that He might minister to every need of humanity. The burden of disease and wretchedness and sin He came to remove. It was His mission to bring to men complete restoration; He came to give them health and peace and perfection of character.

Varied were the circumstances and needs of those who besought His aid, and none who came to Him went away unhelped. From Him flowed a stream of healing power, and in body and mind and soul men were made whole.

Ministry of Healing, p. 17 (1905)

I believe John R. W. Stott put our feeling very well when he wrote:

Our neighbor is neither a bodiless soul that we should love only his soul, nor a soulless body that we should care for its welfare alone, nor even a body-soul isolated from society. God created man, who is my neighbour, a body-soul-in-community. Therefore, if we love our neighbour as God made him, we must inevitably be concerned for his total welfare, the good of his soul, his body and his community.

Christian Mission to the Modern World, p. 29-30

On page 27 of this same book Stott quotes from the

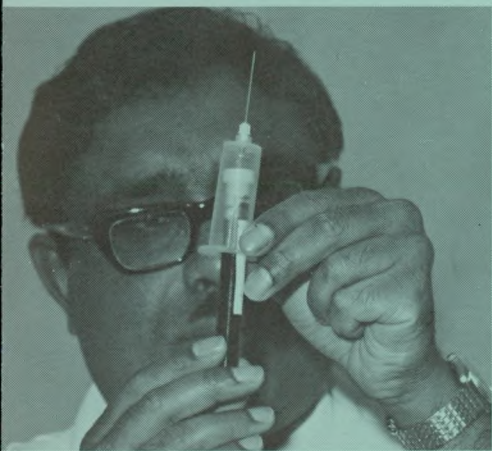
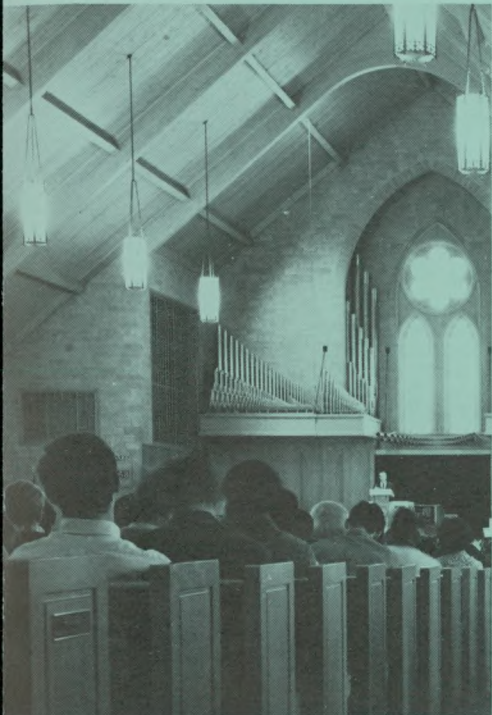
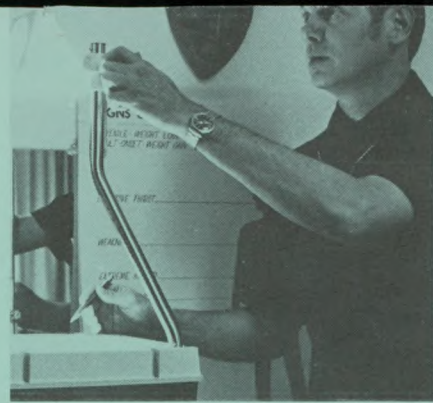
National Evangelism Anglican Congress at Keele (1967), "Evangelism and compassionate service belong together in the mission of God." He also writes, "'Mission' embraces the church's double vocation of service to be 'the salt of the earth' and 'the light of the world.'" I see the doctor's role more as the salt and the minister's work more as the light, but they are really inseparable.

We believe the future truly lies in a ministry to the whole man. We are dedicated to this ministry.

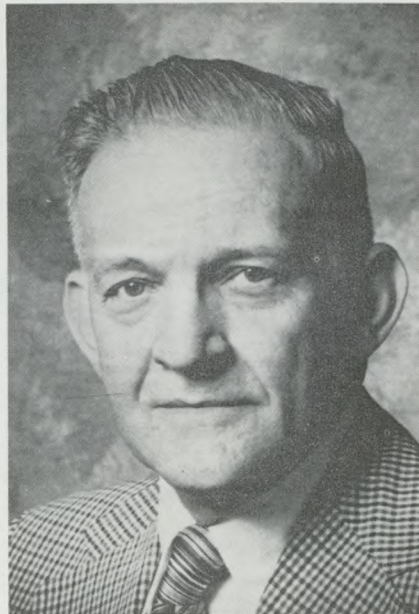
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MINISTRY to the WHOLE MAN



S.D.A. Higher Education Convention to Convene at AU in August



Guest speakers to appear on the S.D.A. Higher Education Convention, August 9 to 14, are (left) Dallin H. Oakes, president of Brigham Young University; and Felix C. Robb, director of the Southern Association of Colleges and Schools. Oakes will speak on church-state relations. Dr. Robb is an author and speaker who has been long involved in educational, civic, and religious activities and organizations. The convention will discuss the academic, social, financial, and spiritual questions common to S.D.A. college campuses.

The first Higher Education Convention of Seventh-day Adventists in eight years is scheduled at Andrews University, August 9 to 16. Over 800 delegates from the S.D.A. colleges and universities in North America will be attending.

The eight days of meetings will include general and workshop sessions organized to discuss the academic, social, financial, and spiritual questions common to S.D.A. college campuses. Speakers at the general sessions will be Neal C. Wilson, vice-president of the General Conference for the North American Division (keynote speaker); D. H. Oakes, president of Brigham Young University, Provo, Utah (to speak on church-state relations); F. E. J. Harder, executive secretary of the S.D.A. Board of Higher Education; Felix C. Robb, director of the Southern Association of Colleges and Schools; and Frank Knittel, president of Southern Missionary College, Collegedale, Tennessee.

In the workshop sessions academic departments, board chairmen, deans,

and other groups will meet separately to discuss the problems that each group faces in relating a Christian philosophy of education to its area. Two sessions will be devoted to panel discussions on the topics: "How to make College Teaching God-centered" and "How to Make Campus Activities Christ-centered."

College Credit Tours Listed for 1977

A list of the 1977 scheduled credit tours to be offered by the S.D.A. colleges and universities are announced in conjunction with the Higher Education Convention: Andrews University—Geography Field Tour of Southern and Eastern Europe, March 30 to May 25; Comparative Education and Administration Tour of Europe, June 15 to July 15; Language and Art Summer Session in Europe (French, German, and Spanish), June 10 to August 12; Atlantic Union College—Study-travel Tour to Italy and Spain, Mid-

FLIC

From page 6

The center will provide two types of service: short, free translations, written or oral, on an emergency basis; or work of a longer nature for a reasonable charge.

It will be up to the two parties put in contact by FLIC to come to an agreement on payment. FLIC will act as an information agent, free of charge.

Initially the department advertised for volunteers from the university community members.

In two weeks the department had names for more than 24 languages, including Afrikaans, Arabic, Armenian, Chinese, Czech, Danish, Dutch, Finnish, French, Modern Greek, German, Hungarian and Italian.

Other language expertise was volunteered in Japanese, Korean, Norwegian, Portugese, Romanian, Russian, Spanish, Swedish, Vietnamese and some languages spoken in Yugoslavia.

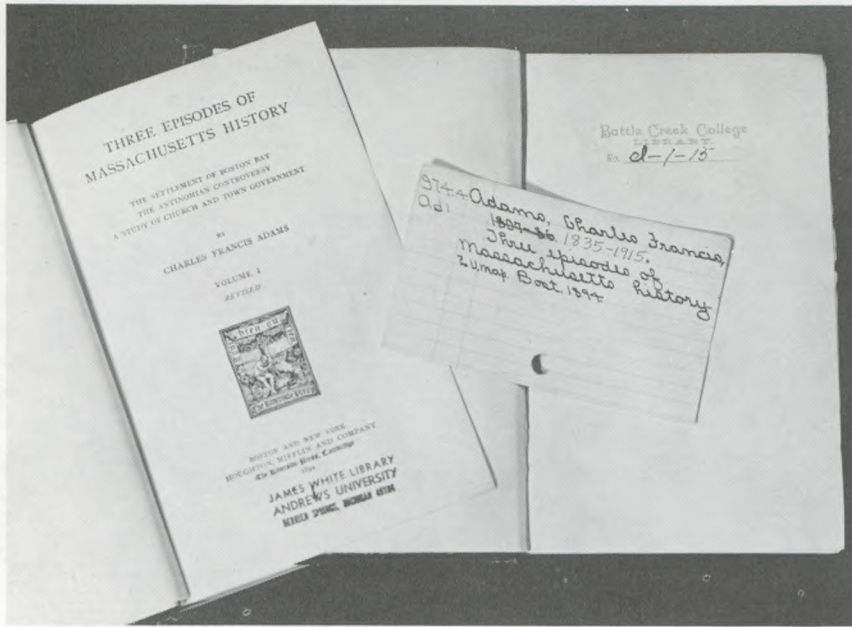
Two persons volunteered to help with sign language, if needed.

FLIC is looking for people with knowledge of lesser-known languages to offer their services.

Copiz reported an incident in which a psychiatric ward needed a person to translate Korean. FLIC was able to provide the service. Technical translations in written form have also been provided.

"We wish not only to offer this opportunity for people to be useful," said Dr. Copiz, "but we also hope to create an awareness of the rich and diversified ethnic background that makes the United States what it has been for the last centuries—a place where people from many nations of the world can live together without having to give up their religion, their traditions, and their language."

May to June 30: Columbia Union College—Living Lands of the Bible, latter half of June: Union College—History/Language to Europe, 9 weeks during June and July: Walla Walla College—English/History and Music/Art, London, June 14 to August 4. Further information on these tours can be obtained from the sponsoring schools.



"Three Episodes of Massachusetts History" by Charles Francis Adams was the first book to be catalogued at Battle Creek College. The volume now in the James White Library at Andrews deals with "The Settlement of Boston Bay," "The Antinomian Controversy," and "A Study of Church and Town Government."

Williams Appointed Assistant Dean, School of Graduate Studies

Robert A. Williams, PhD, has been appointed as assistant dean of the School of Graduate Studies at Andrews University with particular responsibility for the doctor of education program. Dr. Williams is professor of education at Andrews. He joined the faculty



Dr. Robert A. Williams

Pinning Ceremony Held for AU Nurses

Pinning Ceremony for students graduating from the baccalaureate nursing program at Andrews was held June 5 in Rachel Christman chapel, Lamson Hall. Twenty-four persons were graduated in person and six in absentia.

Speaking for the occasion was Dr. Zerita Hagerman, new departmental chairman.

The AU baccalaureate nursing program is accredited by the National League for Nursing and approved by the Council on Social Work Education.

Mission Institute Held at Andrews

The 16th mission institute at Andrews University was conducted by the department of missions, June 14 to July 24.

Of the 101 missionaries who registered, 30 were on furlough and requested to come to the institute. It is the policy of the General Conference of Seventh-day Adventists that missionaries attend the mission institute. However, it is sometimes impossible for some missionaries to attend before their departure to a mission field.

More than half of the missionaries attending the institute are scheduled to go to Africa. The rest are scattered throughout nine divisions which include the Far East, Afro-Mid-East, Southern Asia, North America, Inter-America, South America, and Trans Africa.

Their fields of work include medical, educational, administrative, clerical, and technical jobs.

Instructors for the institute were Dr. Gottfried Oosterwal, professor of missions and comparative religion; Russell Staples, associate professor of missions; and Dr. F. W. Dysinger, associate dean of the School of Health, Loma Linda University, Loma Linda, California.

Wagoner is Certified Consulting Psychologist

Dr. Omer L. Wagoner, assistant professor of psychology at Andrews University, received certification as a consulting psychologist. Wagoner is one of only a few certified consulting psychologists in Michigan. The Michigan State Board for Certification of Psychologists requires that the candidate have a PhD in psychology and five years professional experience before being eligible for certification.

Wagoner graduated from the University of Kentucky with a BS degree in business in 1948. After teaching in Kentucky and Ohio, he received his MA in education from the University of Kentucky in 1953. Wagoner was in Michigan as a guidance counselor and later as director of South Oakland and Wayne Tutoring Service. He received his PhD in education and psychology from the University of Michigan in 1970.

At present, Wagoner serves as a counselor at Riverwood Community Mental Health Center in St. Joseph.

in 1972 and has since directed the educational psychology and counseling areas for the Andrews department of education.

He has served on the Advisory Committee for the Title IV Elementary and Secondary Education Act for the State of Michigan, on Governor William Milliken's Special Committee on Drug Abuse, and as commissioner on the Governor's Commission on Crime, Delinquency, and the Administration of Criminal Justice.

On the national level, Williams has served as consultant to the Department of Defense on military manpower problems.

Dr. Williams has authored numerous articles for professional journals and publications, including a new handbook for the U.S. Office of Education, "Using Pupil Data." He is a member of a number of professional organizations.

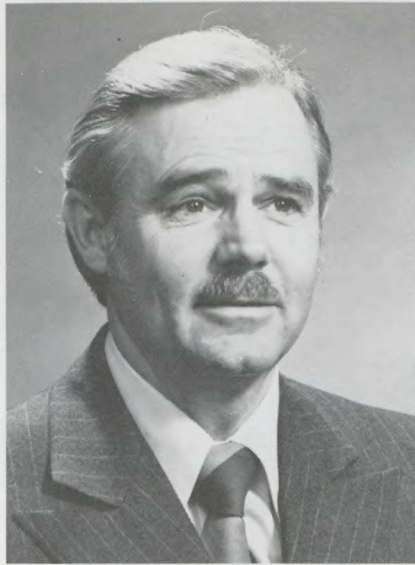
Staples Appointed to National Office

Russell Staples, associate professor of mission at the Seventh-day Adventist Theological Seminary at Andrews University, has been elected vice-president and president-elect of the national Association for Professors of Mission.

Staples has been a member of the 200-member association for five years. Its members come from all over North America to discuss curricular courses, visual aids and developments in mission.

Formerly a citizen of South Africa, Staples is now a United States citizen.

He is completing his dissertation, "Christian Theology and the Cult of the Ancestors in Africa," for a doctor of theology degree from Princeton Theological Seminary. Before joining the Andrews faculty, he was an instructor in theology and principal of Solusi College, Bulawayo, Rhodesia. He has also served at the Cape Conference of Seventh-day Adventists, South Africa, as a pastor-evangelist and youth activities secretary.



Dr. Russell Staples, vice-president and president elect of the National Association for Professors of Mission.

communities and churches based upon sound nutritional and food preparation principles. The certificate is granted by the General Conference.

AU Clinical Psychologist Is Marriage Counselor

John M. Berez, PhD, a psychologist at Andrews University, has become a certified marriage counselor in the State of Michigan.

Dr. Berez, associate professor of psychology at AU, received his PhD in clinical psychology from Indiana University. While there he worked primarily with community residents and university students.

At the Children's Hospital in Boston, Massachusetts, Dr. Berez spent a year working with children and adolescents.

Since joining the Andrews faculty in 1971, he has been affiliated with the Medical Center where he is now doing part-time clinical work. He is also teaching at the university.

Food Service Supervisors Workshop Held at AU in July

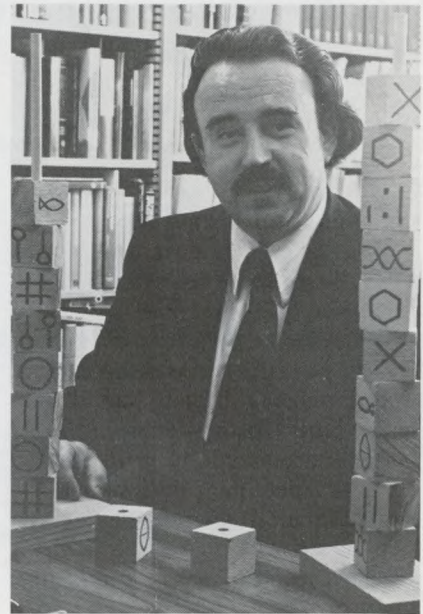
A Food Service Supervisors Workshop was held at Andrews University, July 11 to 29. The summer's program included classes in cost control and accounting, personnel management, communications, techniques and tools of management, sanitation, safety, layout, and equipment. Seminars, films, and field trips including the Chicago produce markets were on the agenda. The course leads to a diploma from Andrews University and eligibility for membership in Hospital, Institution and Educational Food Service Society on the completion of two summers' workshop programs plus nine months in-service training in the students' own institution.

Attorney Yingst Holds Doctoral Colloquium

Attorney Robert Yingst spoke, July 12, on the topic of legal aspects of publishing research. A question-and-answer period followed his presentation. It was attended by doctoral candidates, faculty members, and other interested persons.

Oral Defense of Dissertation

Mrs. Lily Hok-Neo Wong defended her dissertation in Educational Psychology and Counseling, Tuesday, July 13. Mrs. Wong's dissertation was in partial fulfillment for the EdD degree.



Dr. Conrad A. Reichert

Reichert Named Chairman Michigan Academy Section

Dr. Conrad A. Reichert, associate professor of psychology at Andrews University, has been named chairman of the psychology section of the Michigan Academy of Sciences, Arts, and Letters. As chairman of the section, Reichert will plan the annual meeting for next year. He is responsible for soliciting papers for the meeting and for keeping the members informed of the activities of the academy and of new developments in their field.

The Academy is a scholarly organization comprised of about 50 professionals who come from major colleges and universities and from some private practices in Michigan and surrounding states.

The purpose of the academy is to foster research. An annual meeting is held where the members discuss the results of their scholarship and can benefit from the criticism of their peers.

Apple Valley Market Gets New Manager

Ron Boyce, from Village Market in Chattanooga, Tennessee, is the new manager at Apple Valley Market as of July 5. He replaces David Dent who left the university, June 30, to develop a natural foods store, restaurant, and bakery operation as a private enterprise.

Dent said that with a growing demand for the marketing of natural foods in special types of retail settings, he has decided to form a partnership with a similar type operation in California which also includes a vegetarian restaurant. Plans call for more units to be built in the west and at least one in Michigan.

Home Nutrition Instructors Certified

A certification program was held May 11 for 87 graduates of the Home Nutrition Instructor's Course given to the Graduate Guild at Andrews as a yearly function of the department of home economics. The course was directed over two quarters by Dr. Alice G. Marsh during which time seminarians, wives and several seminary students completed 15 clock hours in nutrition for the lay person and 15 clock hours in demonstration techniques. Dr. Fonda Chaffee, with senior dietetic and graduate food-systems management students, assisted with the laboratory sections.

The Home Nutrition Instructor's Course is sponsored by the Department of Health of the General Conference of Seventh-day Adventists. The training is designed to provide vegetarian cooking schools in

Andrews Presents Summer Travelogue

Andrews presented a series of six travelogues during the eight-week summer session:

June 20. "America's Secret Places," a Bicentennial production with James Metcalf covered 14 of America's natural and historical attractions.

June 27. Sandefjord Girls' Choir of Norway, first prize-winner in the BBC's international competition for its high quality of musical performance.

July 11. "Women of the American Revolution," with monologist, Betty Hawkens.

July 18. "The Great Train Trip Across Siberia and Around the World."

July 25. "Thirteen Stars on a Blue Field," a series of short sketches of women in America whose lives were significant in American history.

August 1. "Shadow and Splendor." Set to the waltz-time of Strauss, this film recalls the royal and romantic age of the Austro-Hungarian Empire.

Monologist Wins Acclaim at AU

Acclaimed as outstanding was a program given by Betty Jo Hawkens, monologist. The program, a dramatic presentation entitled "The Women of the American Revolution," was given Sunday, July 11, at Andrews in the Johnson Auditorium.

Conceiving of her program as a giant compass, Mrs. Hawkens sees the women of the late 1700's at various points on the spectrum. Mrs. George Washington was found at one of the four poles—super patriot, absolutely devoted to George and his cause, enduring many of his hardships and staying as close to the fighting lines as possible. Mrs. Washington's opposite was Benedict Arnold's wife, also a super-patriot, but devoted to the Crown and to the defeat of the Colonies and their "little" revolution. Other revolutionary women included were Abigail Adams, Mrs. Patrick Henry, the young wives and sweet-hearts of soldiers, and some Indian

women who protected wounded soldiers after battles. Mrs. Hawkens had a successful career in theatre, television and radio before going on the lecture circuit. Her credits include the leading role in such musicals as *Oklahoma* and *Showboat*. She has also done commercial work on network and local T.V.

Institute of World Mission Presents Vespers Program

The Institute of World Mission presented a vespers program at Pioneer Memorial Church, Friday, July 16. The program featured interviews with out-going and furloughing missionaries, including those just returned from Beirut, Lebanon.

Recreation Committee Sponsors Weekend Trips

Three special, off-campus trips scheduled for summer students included: July 18—Sunday, Chicago Trip (choice of 1 of 3), Museum of Science and Industry, Brookfield Zoo, or Baseball game (Chicago White Sox vs. Milwaukee Brewers). July 24—Sabbath, Battle Creek S.D.A. Historical Tour. August 1—Sunday, O'King's Island, Ohio, Amusement Park.

Oldest Alumnus Witnesses Doctoral Defense

Mr. Earnest Lloyd, oldest alumnus of Battle Creek College (1901), witnessed the first doctoral defense in the field of educational administration at the Faculty-Alumni Lounge of the Student Center of Andrews University, May 5, 1976. Mr. Lloyd considered this defense a highlight in his life and congratulated Dr. Gerald Clifford for defending his dissertation in a scholarly way. Dr. Clifford left Andrews University on June 27, 1976, for Australia where he will serve as the director of education for the Australasian Division. Mr. Lloyd was a student at Battle Creek College and helped load and unload 16 freight cars when the college officially moved from Battle Creek to its present location at Berrien Springs.



Melody Sparks works at microfilming the records of Andrews University graduates which include students from Battle Creek College and Emmanuel Missionary College (forerunners of AU) and from Broadview (Illinois) Theological Seminary and the Hutchinson (Minnesota) Seminary. Also being microfilmed are records of Hinsdale, Illinois, three-year nursing program. Microfiche is being considered for preserving the records of students who have attended EMC or AU without graduating.

Martinique Choir Presents Vesper Concert

A French and English singing choir from the island of Martinique presented a program of sacred music in the Pioneer Memorial Church at Andrews University, Sabbath, July 17. The "1'Echo de Canaan Chorale," under the direction of Henri Berle, MD, was on a tour that included stops in Boston, New York, and Battle Creek. The 49-member group is composed of students, faculty, and church members from various parts of Martinique. The choir's repertoire includes French and Negro spirituals and a variety of French classical and traditional music.



"I love my flag," says the facial expression of a campus "sweetie" who stands ready to raise the flag of her country into position along the Avenue of Flags at Andrews University.

Academy Awards

From page 16

ley, Maureen Unrath, Heidi Vymeister, Rebecca Wazdatskey, Todd Weakley, Carolyn Wernick, Ava Willis, and Susan Yancer.

The President's Physical Fitness Award: Rick Boomsliter, Judy Curry, Don Damron, Randy Dowell, Nancy Habenicht, Licette Harper, Sheila Moses, Anita Nielsen, and Kevin Williams.

Intramural Athletic Awards: Marsha Brantley, Randy Dowell, Lillian Edquid, Mark Edwards, Jamie Erhard, Jim Kelley, John Kroncke, Leonard Minisee, Alex Miskiewicz, Anita Nielsen, Doug Popp, Greg Schaller, Tim Turner, Todd Weakley, and Kevin Williams.

Music Awards: Judy Curry, Lillian Edquid, Nancy Habenicht, Deborah Hill, Yvonne Lee, Teri Reaves, Alice Twomley, and Carolyn Wernick.

The Betty Crocker Family Leader of Tomorrow Award: Alice Twomley.

The Daughters of the American Revolution Good Citizen Award: Anita Nielsen.

The Thomas A. Umek Memorial Award: Randall Dowell (the person who participated the most in the intramural sports program).

Seniors Pass Half-way Mark on Scholarship

The senior class of the undergraduate schools has raised \$2,800 toward their class gift of a named scholarship.

A named scholarship requires a \$5,000 investment, the interest of which is used as designated by the donors.

The 1976 senior class scholarship, when ready, is to be used for students coming to AU from some country other than the U.S.A. and Canada and who will be working after graduation in another country.

Most recent funds for the 1976 class scholarship were provided by the class-sponsored flea market, held in the Johnson gymnasium, Sunday, July 18. On sale at the flea market were items at 30 booths. The spon-

sors asked only 10% of the total sales of \$2,400.

Attracting most attention at the sale were eleven 4-day-old mallard ducklings who had been deserted. Encircled by an automobile inner tube, also for sale, the ducklings stole the show. One family visiting the sale, bought nine of the ducklings for their pond. A little girl persuaded her parents that she needed two ducklings for pets.

The senior class will be happy to receive donations to its project. Donations will be tax-deductible if checks are made out to Andrews University General Fund. An accompanying note should indicate the interest of the donor in the 1976 class scholarship gift.



Behind the Action at AU.

Who? What? Where? When?

Among Our Alumni

Dr. Shaw Retires

by ELSIE LANDON BUCK, AUA president

An era has come to a close in Andrews University alumni history with the departure of our esteemed executive secretary, Horace J. Shaw.

For thousands of alumni scattered throughout North America and in other countries of the world, Dr. Shaw was the Alumni Association. There was hardly ever a camp meeting or a gathering of past students and graduates of Andrews—within reach—where Dr. Shaw wasn't present to welcome and to hand out leaflets, pins, pens—anything that might make a person feel remembered by the university and its alumni association. His infectious smile was for everyone who might have spent some time on campus, be it four years, one year, or less; for the alumni association was for them all.

And with Dr. Shaw, what else was the alumni association for? To extend goodwill from campus to community; to create interest in a growing institution of higher learning; to preserve the heritage of Christian education; to renew interest and affection on the part of past students and graduates for their alma mater; to encourage, thereby, the formation of chapters around the world; to hold high the banner of a Christian university that people everywhere might know that by the banks of the St. Joseph River, in

Berrien Springs, Michigan, there was an institution of higher learning where the search for mental excellence and commitment to God and mankind were strongly intertwined.

In order for all his goals for the alumni association to materialize, Horace Shaw not only worked himself around the clock; but he pressed anyone directly involved—or not—with alumni matters into speedy action. His capacity to energize people around him and press them into service for the association have been legendary.

Thus it was that some of us might get a telephone call at 11 o'clock at night or 6:30 in the morning when a task involved some help which he thought needed immediate attention.

"Elsie," he would say on Friday

More, page 29



Attending the Patchwork Quilt Country Inn party held for the H. J. Shaws were: Standing (from left)—Mrs. Horace Shaw, Mrs. Wilfred Fatcher, Mrs. Leonard Hill, Mrs. Milton Hook, J. Donald Young, Reese Jenkins, Verne Ferris, Mrs. Raymond Hill, Raymond Hill; Seated—Mrs. John Jackson, Mrs. Gilbert Snyder, Mrs. Verne Ferris, Mrs. J. Donald Young, Mrs. Reese Jenkins, and (foreground) Horace J. Shaw.

Above: Dr. and Mrs. Horace J. Shaw hold a package presented to them by personnel of the PR and Alumni departments at Andrews. A dinner party, given in their honor at the Patchwork Quilt Country Inn, Middlebury, Indiana, honored Dr. Shaw's retirement this summer as executive secretary of the Alumni Association.



5 Generations at Graduation of AU Alumnus at Loma Linda



Bruce Lee, MD, a graduate of Andrews, received his doctor of medicine degree from Loma Linda University School of Medicine, May 20, 1976. Five generations participated in the occasion: Bruce E. Lee, Jr., his mother Barbara Hunter Lee, his grandmother Mrs. Mary Katherine Hunter, his great-grandmother Mrs. Harriett Neafus, and his daughter Marissa Lee.

Begins College With \$2.00

K. Tilstra, MA'55, writes: "It was in 1924 that I arrived at Emmauel Missionary College from the Netherlands. I had only two dollars in my pocket to start my College work. My knowledge of the English was also very limited. By hard work and the blessings of God I managed to pay my bills during my stay at school. In 1927 the General Conference asked me to go to the Dutch East Indies (now Indonesia) as a missionary. During the time I attended the College I had no means to help in any project.

"However now that we are retired the Lord has blessed us so that we could save some money. Therefore I am sending this small amount now to help some worthy student to finish his/her education. May the Lord bless the school and all those who are connected with it. May the day soon come that the work is finished and we may go home with our blessed Lord." Resides at Paradise, Calif.

From Penang Refugee to Heritage Room

Marjorie Sheoch Hayward, 3-year cert in piano '30, writes from Bonita, California.

"In 1939, Joe and I were called to head up our sanitarium and hospital in Penang, Malaysia. As soon as possible, I rented a piano to fill some of the house with practice to assuage somewhat the loneliness I felt being so far from our beloved homeland.

"One hot tropic afternoon I was practicing at the piano when I was disturbed by a knock at my door. There stood a Jewish man of middle age with a bicycle standing at his side with a huge pack strapped to it. I was curious to see what he was carrying. He told me he had recently arrived in Penang, one of the few ports which received Jewish refugees, allowing them to disembark from their boat if they had a sponsor on the island who would take the responsibility of supporting them in case they could not make it on their own.

"Apparently, this man was fleeing from Vienna to some friendly port of call, one of the many poor destitute Jews fleeing from the wrath of the Nazis.

"He asked me to look through his stack of music which he had brought with him in his hurried departure. I was glad to scan through many books

and find scores of both piano and vocal masterpieces. Imagine my surprise and delight several days later when, looking more carefully through the music I bought, I found a priceless copy of "You Are My Heart's Delight," from the musical play, **The Land of Smiles**, which was personally autographed by the famous composer, Franz Lehar, to his good friend, Richard Tauber, who sang the lead in this Franz Lehar popular composition.

"It gives me great pleasure to donate this music to be placed in the Heritage Room of the university from which I graduated and where I spent many happy hours."

She Attended Battle Creek College

(An interview by J. Ernest Monteith, MA'50)

Recently it was my privilege to visit Mrs. Agnes Pangburn of Ridgetown, Ontario, who for three years was a student at old Battle Creek College. I'd like to share that visit with the readers of FOCUS.

Mrs. Pangburn will be 96 years old on the 29th of June and is hale and cheery in spite of advancing blindness and increasing deafness. Actually you might think her at least 20 years younger than what she is.

So diminished is her sight that it takes her two hours to thread a needle. Although she can go next door to her sister-in-law for help, she prefers to be independent as often as possible.

"How do you manage to cook?" I began.

"Well, I can no longer see to read, so I can only make things for which I can remember the recipes," she answered.

"Is it true that you still have your own garden?"

She admitted it was.

"How do you manage it?" I queried.

She informed me that she operates by feeling. She can detect weeds by the feeling of the leaves. She even picks her strawberries and raspberries.

I was interested in discovering her secret to living. She admits she won't give in to defeat. However, she confided that some times the days get very long. She has no close relatives left and her few remaining friends are far away. Callers are rare and she no longer gets to church—can't hear the speaker if she does go.

Asked about her school days at Battle Creek, she told me that while there she lived at the home of her first cousin, Dr. Stewart, who was assistant to Dr. Kellogg. She worked occasionally in the sanitarium and she knew both Dr. John and W. K. Kellogg.

She assured me it was a privilege to be in Battle Creek in those days because there she saw and heard S. N. Haskell, J. N. Loughborough, W. C. White, W. A. Spicer, A. G. Daniells, A. T. Jones and Uriah Smith. She used to attend church service at

More, page 28

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In the United States of America June, 1976

(CORRECTION REQUESTED)

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Odd P. H. Jordal, '50, '52
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Pangman Interviewed

From page 25

the Dime Tabernacle—a building that has left a deep impression on her mind. A few years ago she visited the present Tabernacle, but was rather disappointed with it.

"Are any of your classmates still alive?" was another question I asked.

As far as she could recall, they were all gone. I asked if Ernest Lloyd or Dr. Miller were there then, but she didn't recall them. At that point she did admit that her memory had slipped a little and that she could have forgotten them.

"Who were among those on the faculty at that time?"

"To begin with there was M. Bessie De Graw who insisted that we remember her initial, M. P. T. Magan was the dean and E. A. Sutherland, the principal. In fact, Sutherland was the one who came to my farm home on Pond Mills near London, Ontario, and induced me to attend Battle Creek College."

Besides these she recalled Prof. Salisbury, Clifford Russell, and Mary Mitchell as teachers whom she had.

After several years at Battle Creek, she returned to her home in Pond Mills. Then in 1901 Elder Peter M. Howe urged her to go to Selton to teach the church school there. That school had been in operation 2½ years and was the first church school in Ontario.

She taught there two years and was paid fifteen dollars a month. She boarded in the homes of the members.

Asked if there were any of her pupils there who stand out in her memory, she replied: "Yes, there were Walter Smith, who later served as president of several denominational colleges; and Howard Capman of Chatham, who later became a well-known conference president. Walter Smith died recently and Capman is in a nursing home, but both of them kept in touch with their mentor as long as they were able.

The Selton school closed in 1903 and from there she went to London to teach a school which was organized in the first church building owned by Adventists in that city. London was her home church and she had been one of its charter members. In fact she is the only charter member still living and when the church observed its 75th anniversary, she was an honored guest.

That school lasted only one year and among her pupils was John Finch, who later operated for years the press at the G. C. headquarters and was a well-known figure in Takoma Park.

After a year assisting in a private school in London, she taught church school successively in Indiana and Charlotte, Michigan. Then she attended Normal School in Kalamazoo. After her graduation, she secured a position in a three-room school in Urbandale, a suburb of Battle Creek. Once again she was privileged to live in Battle Creek and during that time she

heard Mrs. White at a General Conference session.

"Why did you abandon teaching?" I inquired.

"My only sister who had trained as a nurse at Battle Creek Sanitarium became incapacitated with inflammatory rheumatism and I returned home to care for her," she replied.

"When and how did your family become Sabbath-keepers?" I questioned further.

"I think I was about 10 years old. My father went out to visit his brother in Minnesota. He was much surprised to find him and his family keeping Saturday and was sure they were wrong. However, he agreed to read some books provided by his brother. It was some time before he remembered his promise. Then as he read, he became convinced that the brother was right and he, too, began the observance of the sabbath of the Scriptures. Learning of a camp meeting in Owosso, Michigan, he attended and was baptized. When a church was organized in southwestern Ontario in 1892 he joined it, although it was over a hundred miles from his home. Six years later he and his family became charter members of the London church."

"You've lived a long life and are probably the oldest member in the Ontario conference and likely its longest member," I commented. "Did your parents live to be old?"

"Yes, they did," she acknowledged. "My mother died at 88 and my father at 92."

As I concluded my visit with this wonderful lady, I couldn't help wondering if we are as mindful as we ought to be of this forgotten generation.

Loma Linda Symphony Makes Debut with AU Alumni

AU Alumni are playing a prominent role in the newly incorporated organization, the Loma Linda Symphony Association.

Conducted by Bjorn Keyn and assisted by Robert Uthe, both former professors of music at Andrews, the symphony made its formal debut, February 29, 1976, with a concert titled "A Celebration of Freedom."

According to Robert L. Ruskjer, BA '69, president and chairman of the Board (who sent a copy of the debut program with program notes, list of personnel, and a review of the concert by the press) the program was received by both the public and the critics most favorably.

From AU Headquarters at Indiana Camp Meeting



Uncle Sam (Horace Shaw) tells a group of youngsters wearing AU hats at the Indiana camp meeting grounds, "I WANT YOU at Andrews University someday." The picture was taken in front of Shaw's "Yellowbird" motor home, headquarters for AU activities at the campground.

Shaw Retires

From page 24

morning of Homecoming, "don't you think we should have that lovely display of flags of the world we used last year in the church foyer here tonight for all to see? The man who owns the collection needs to be called—you are the one to do it for us. Here is his number.... Call me back and let me know what he says. I heard he wasn't going to let people borrow his flags anymore, but we *have* to have them. Let me know what happens."

And so on it would go. I would look at my watch and see that I had only 45 minutes before leaving to teach 15 miles away — with breakfast yet to swallow, a wash to finish, a lunch to prepare, etc., etc. — and this phone call to another part of the state. And wouldn't it be too early to reach the man Horace wanted me to talk to? How could I do it? But somehow Horace would get his way, and the flags would be there by 7 o'clock that evening (he would run after them himself) — in the foyer of the church, an unruffled collection of colors belying the pressures of getting them there. More, page 30



Above: Watermelon slicing, AUSA camp meeting tradition. Verne (?) L. Lastine, responds to his recognition by the chairman for being one of the few graduates of Potomac University in its only graduating class of 1960. Presently he serves as director of Trust Services in the Indiana Conference. Duane Ferguson, '64, at right, president of the Indiana AU alumni chapter, 1974-76, assists David Bauer, '57, newly appointed AU vice-president of development and public relations, in quartering melons. Back to the camera, but getting her 1/16 piece of melon, is Rachel Willson Allen, La Porte, Ind., mother of David Allen, '63, '64, Bible teacher at Laurelwood Academy in Oregon.



Left: Charles Behner, '52, of Mishawaka, and his wife Doris Drew Behner, '51, '67, as official greeters at the alumni patio stand both Sabbaths at Cicero camp meeting. Mrs. Behner was elected president of the 200-member Indiana chapter, June 19.



Dorothy Alderman Shaw, '30, '52, puts the official badge on one alumnus while a waiting alumna ponders her task as a member of the nominating committee of the Indiana chapter.

Leonard Wartzok, BA'33. Married to **Violette Cady**, BA'33. Resides at Hendersonville, NC.

C. L. Powers, BA'33. Recently retired from position as president of the Euro-Africa Division. Married to **Sylvia Pappan**, BA'35. Resides at Hendersonville, NC.

Doug Wartzok, BA'63. Presently on the staff of Johns Hopkins University. His parents write that he seems to enjoy every minute of his lecture courses as well as the research being conducted in the Bering Sea of Alaska. Other areas include the Chukchi Sea, Pt. Barrow, etc. Married to Susan Gibson. Resides at Baltimore, MD.

Pat Gustin, former student. Teacher at Chiang Mai Academy, Thailand.

Bernard J. Salzman, BS'75. Manager of Tanzania Adventist Press.

Ulysses N. Diaz, MDiv'66. Medical student, University of Guadalajara, Mexico. Beginning his 8th semester at the Portland Adventist Hospital, Ore.

Ertis Lee Johnson, Jr., BA'70, MDiv'73. Minister, Oklahoma Conference of SDA's. Married to Judy Wheeler. Resides at Guymon, Okla.

Donna Larson Gatz, BMus'69, MA'72. Recently featured in a full-page article in the Camden, NJ *Courier-Post*. The article, entitled "Vegetarian 'turkey' for Thanksgiving" highlighted the benefits of vegetarianism and included recipes for four of Mrs. Gatz's entrees. The closing paragraph informed the readers of a series of free cooking lessons to be held at the Cherry Hill church. Donna is the wife of **Lynn Gatz**, BA'68, MDiv'72, minister of the Cherry Hill and Mount Holly Churches, NJ.

Dean Minett, BS'75. Camp caretaker at Little Grassy Lake, Ill. Married to Marcia Nephew.

Eugene Lincoln, MAT'63. Copy editor, Southern Publishing Association, Nashville, Tenn. Author of a meditation selected for publication in the July/August issue of *The Upper Room*, worldwide daily devotional guide printed in 38 languages. Resides at Old Hickory, Tenn.

Ron Herr, BA'72. Assistant treasurer, Oklahoma Conference of Seventh-day Adventists. Has served as accountant in the Michigan Conference and assistant manager of the Illinois Adventist Book Center. Married to **Christine Hyde**, BS'72, who is employed in a local hospital. One daughter. Resides at Oklahoma City, Okla.

Charles G. Winters, BS'66 Mechanical Project Engineer for Gilbert/Commonwealth Associates, Inc., Jackson, Mich. Married to **Sara Lynn Kaiser**, BS'66, an elementary school teacher in Jackson.

Edwin Dass, MA'69. Teacher, Fair Plain Junior High School, Benton Harbor, Mich. Recently directed a two-week Western Bicentennial Tour for the school. Resides at Berrien Springs, Mich.

Kenneth Corkum, MDiv'73. Planning on returning to Andrews in a couple

of years for the DMin program. Resides at West St. Johns, Neb.

Kyung Taik Chang, attended '55. Died of cancer, October 10, 1975, 42 years old.

Arnold V. Wallenkampf, BA'40, MA'44, MDiv'54. For the last three and one-half years has been at Philippine Union College, in Manila. Recently appointed associate director of the Biblical Research Institute at the General Conference.

James Segar, BA'61. Spent 7 years teaching in and heading the business department of Middle East College, Beirut, Lebanon, and is presently teaching in the business department of Columbia Union College and studying part time at the University of Maryland.

Beverly Muhlenbeck, BS'67. Working part time at a counseling center for mentally ill and alcoholics. She writes, "It is very challenging but rewarding." Resides at LaValle, Wis.

Leona Luttmann Welkin, BS'64. At present working as chief accountant for the Energistics Corporation in Fort Wayne, Ind.

Gershom N. Amayo, MA'69. Received PhD in 1973. At present is working in the Department of Educational Foundations, University of Nairobi, Kenya, Africa.

Gorden R. Doss, BA'72, MDiv'75. Field secretary of the North Lake Region of the South East Africa Union, Malawi. Married to **Cheryl Brown**, BS'72. Cheryl supervises the six dispensaries in the area.

Douglas A. Carruthers, MBA. Administrator of the Takoma Hospital, Greeneville, Tenn.

Geneth Wolfer, BMus'73. Will be attending the Kansas City College of Osteopathy for the next four years. Resides at Kansas City.

Leonard Nelson Retires

After ten years in East Africa (most lately in Nairobi), August '66 to August '76, **Leonard Nelson**, BA'38, has retired.

Nelson's work in Africa has consisted largely of teaching, though he has also done administrative work of various kinds and work with printing.

He plans to go to South Lancaster Academy this fall for part-time work. Formerly, Nelson spent ten years with the academy, 1956 to 1960, as superintendent of the press, and 1960 to 1966 as assistant professor of English.

Nelson has two children: a son, **Bradley Nelson**, M.D., who is connected with Mugonero Hospital, Rwanda, Africa; and a daughter, **Faith Nelson**, computer programmer for Sears Company in New York. From her home overlooking the Hudson River, Leonard, now in the United States, watched the big ships on parade from various countries in a salute to America's Bicentennial Observation.

Shaw Retires

From page 29

Horace—a man who knows no obstacles. For the greater the obstacle, the greater the courage, the determination, the hard word, the push toward achieving the desired end. The word *no* was not a part of his vocabulary! Nor the word *impossible*.

Another side of Horace was his sensitivity toward people—a feeling for those who needed to be remembered within the alumni association. Time after time I marveled at his sense of knowing—of instinctively going to someone who needed an extra handshake, a pat on the back, or some special recognition.

He was not just content to let guests arrive for a special visit to the campus; but he would be there, alone or with a crowd, with posters, banners, and flags, to welcome someone flying into O'Hare airport in Chicago with a welcome sign that told everyone about Andrews University in large, bold letters.

This same involvement—willingness to do—took him to Valley Forge this bicentennial year with the wagon train, proclaiming with signs on one of the wagons the "Partners in Progress" slogan which has united the town of Berrien Springs and Andrews University in common goals for 75 years.

Horace—a man we will miss. And not only him, but the beautiful woman who stood by his side, always helpful, always patient, always pleasant. Dorothy. If at this moment I salute Horace J. Shaw on behalf of the alumni association, it is not without expressing to his wife the full and sincere admiration and appreciation of all of us for her own contribution to the success of all our alumni goals.

To two dear people, warm human beings—our affection and best wishes as you take on other interests and other activities. Your imprint in the affairs of the alumni association will always be there—and with loving wishes we leave you in God's hands.

CHAPTER BRIEFS

Greater Los Angeles Chapter (March 4, 1976)

Edith Moore Ashlock, BS'55. Secretary. Married to **Robert T. Ashlock**, attended '53-'54. Two sons. Resides at Sepulveda, Calif.

Esther Benton, MA'60. Copy editor, Voice of Prophecy. Formerly registrar, Seventh-day Adventist Theological Seminary, Berrien Springs, Mich. Resides at Glendale.

James Orville Brown, MA'64. Minister, Pasadena. Married to Louise Simon.

Herbert Everett Butzer, 2 yr cert '31. Retired. Married to Edyth May Young. Resides at Glendale.

Erling Ellis Calkins, BA'39, MA'57. Director, Sabbath School Department, Southern California Conference. Married to **Ellie Lukens**, 2 yr cert '39. Two sons. Resides at Glendale.

Ernest Ted Calkins, MDiv'72. Minister, Glendora, Calif. Married. Two daughters. Resides at San Dimas.

Harold L. Calkins, BA'43, MA'58, MDiv'66. President, Southern California Conference. Married to **Fern Wagner**, BA'44. Two boys. Resides at Glendale.

Clarence Robert Collier, BA'40. Professor of medicine and physiology, University of Southern California School of Medicine. Married to Helen Louise Watson. Two girls, one boy. Resides at La Crescenta.

Kenneth Eugene Dunn, BA'51. School principal, Glendale, Calif. Further degrees: MED from the University of Chattanooga, Tenn., working toward EdS degree from Loma Linda University, Calif. Married to **Delores Rhys**, attended '49-'52, executive secretary to manager at the Voice of Prophecy, Glendale, Calif. Two sons. Resides at Glendale.

Elizabeth M. Hermann Emick, attended '37-'41. Bookkeeper. Married to Glenn C. Emick. Resides at Los Angeles.

Arthur F. Gay, BA'38. Retired. Married to **Nadine N. Kibler**, attended '29-'30. Two sons. Resides at Baldwin Park.

Mildred May Grandbois, BA'29. Editor, Cumulative Index to Nursing Literature. Additional degrees: MA from Ann Arbor, Mich., and MS in Library Science from the University of Southern California. She writes: "Still working, and loving it. Thanks for FOCUS!" Resides at Glendale.

Richard H. Gutsche, BS'57. Assistant vice-president, Security Pacific Bank. Married to **Vesta Joyce Wohlers**. One son, one daughter. Resides at Sunland.

Loretta Ellen Heacock, BA'28. Librarian. Resides at Glendale.

Maxine Hamilton Iverson, attended '48-'49. Bible instructor. Widowed. Resides at Pasadena.

David Llewellyn Jones, attended '59-'62. Producer-director of production for "It Is Written." Further degree: BA in mass communication from Wayne State University, Detroit, Mich. Married to **Kathleen Rennings**, BA'62, production assistant, "It Is Written." One son, one daughter. Resides at Thousand Oaks.

Eldyn LaVerne Karr, BA'67, MA'74. Public relations director, Voice of Prophecy and editor of the VOP magazine. Formerly public information officer, Andrews University, '69-'74. Resides at Glendale.

Rudolph Carl Fredrick Knauff, MA'65. Bible school counselor at "Faith for Today," Newbury Park, Calif. Married to **Mary Margaret Bock**. One daughter, one son. Resides at Newbury Park.

William Edward Kuester, BA'32. Minister, presently working in the Adventist Radio, TV and Film Center, Thousand Oaks. Married to **Theda Rose Iles**, attended '30-'32. Together they worked in the Inter-American Division for 5 years and in Canada for over 23 years. One daughter. Resides at Newbury Park.

Dorothy Lovell Charland, BA'30. Retired teacher, housewife. Married to **Gustave LeMarquis Charland**. One son, two daughters. Resides at Santa Monica.

Joaquin P. Matar, BA'54. Accountant. Married to **Dorothy Browlasky**, attended '50-'52. Two daughters. Resides at Monterey Park.

Philip Moores, BA'38. Manager, television operations, Adventist Radio, TV and Film Center, Newbury Park. Married to **Doris Bancroft**, 2 yr cert '38, secretary. Resides at Thousand Oaks.

Don Austin Nelson, MA'66. Received a JD degree in May 1976. Resides at Sepulveda.

David A. Neufeld, BTh'27. Minister. Married to **Betty Kirkland**, attended '28-'29. Two daughters. Resides at Glendale.

H. O. Olson, Assistant professor, Bible, Church History at EMC from 1948-1953. MA from the University of Minnesota; graduate work at the University of Sweden, University of Germany, and Columbia University, N.Y. Retired from ministerial and educational work, but still working at 90 years of age. Widower. Resides at Glendale.

William Eugene Otis, BS'56. Manager, Adventist Book Center, Los Angeles. Married to **Tonja Vonette Lyons**, BMus'71. Resides at Los Angeles.

Allan W. Perry, MD, BA'50. Plastic surgeon. Married to **Mary Lou Mitchell**, former student. One son, two daughters. Resides at Glendale.

Duane Richard Peterson, BA'57, MA'58. Minister, Simi Valley. Married to **Barbara Jean Smith**, attended '56-

'57, bookkeeper/secretary. One daughter, one son. Resides at Simi Valley.

Carol Ann Smith, MAT'72. Teacher. Resides at Baldwin Park.

Ralph W. Stark, BA'53. Chief Engineer, Glendale Adventist Medical Center. Married to **Anna Jane Ashford**, attended '48. Two daughters, one son. Resides at Glendale.

Edwin Justus Vitrano, BS'73. Physical Education instructor. Married to **Dora Nilda Schmidt**, former student. Resides at San Gabriel.

Naomi Annette Browlasky Weidner, BS'52. Co-owner with husband of six health food stores in southern California. Married to **John Henry Weidner**. Resides at Monterey Park.

F. Brock Wells, BA'40, MA'68. Minister, El Monte. Married to **Florence E. Joyce**, BA'41, executive secretary at White Memorial Hospital. One daughter. Resides at Arcadia.

Agnes Severson Williams, BA'32. Retired. Married to J. Charles Williams. Resides at Glendale.

Mary L. Henley Winders, BA'31. Retired secretary. Widowed. One son. Resides at Arcadia.

Mary Kathleen Wohlers, BS'73. Secretary, public relations department, "It Is Written." Resides at Newbury Park.

Fern Quinn Zillig, attended '24-'28. Nurse. Three sons, two daughters. Resides at Glendale.

Lodi-San Jose Chapter (March 2, 1976)

Ronald Keith Anderson, BS'68. Principal, San Francisco Junior Academy. Additional degree: MA from Michigan State University. Married to **Mary Ina Hoebeke**, attended '63-'65, registered nurse/homemaker. Two daughters. Resides at Pacifica.

Fernando Chaij, attended '47. Editor. Married to **Sara Ramos**. Resides at Mountain View.

J. Ivan Crawford, BA'43, MA'49. Associate book editor. Married to **Helene Miller**, attended, '41-'43. Two daughters. Resides at Mountain View.

George Avery Davis, BA'15. Retired. Married to **Barbara Anne Ewing**, '15. Three sons. Resides at Los Altos.

John A. Dewald, BA'37. Minister. Married to **Dorothy B. Olberg**. Two daughters, one son. Resides at Mariposa.

Charles G. Edwards, '46. Married to **June E. Day**. Resides at Concord.

Richard Asao Hoshino, BA'53. Offset printer. Married to **Eva M. Covey**, attended '49-'52, elementary school teacher. One son, one daughter. Resides at Sunnyvale.

Joel Nathanael Noble, BA'48, MA'64. Academy principal. Additional degree: PhD from the University of Oregon. Married to **Beverly Ann Wildman**, attended '46-'48. One daughter, two sons. Resides at Clovis.

Alumnotes

Gordan M. Prenier, former salesman at University Printers. Printer, Mountain View. Married to **Marjory M. Mead**, attended '62-'64, former health service nurse at AU; registered nurse/homemaker. Three daughters. Resides at Mountain View.

Richard LaVern Regester, BS'66. Graphic arts teacher, Monterey Bay Academy. Married to **Phyllis Audrey Zimmerman**, BA'64, teacher/homemaker. One daughter, one son. Resides at Watsonville.

Gene C. Tilkens, BA'48. Engineer/contractor. Two sons. Resides at Rough and Ready.

Richard Hays Utt, MA'58. Book editor, Pacific Press. Married to **Gwendolyn Marjory Woodward**. Two daughters, two sons. Resides at Mountain View.

Stanley E. Wilson, BS'55. Accountant, Central California Conference of S.D.A.'s. Married to **Freda Gladys Harrison**, BA'51, music teacher, Mountain View church school. Two daughters. Resides at Mountain View.

S. E. California Chapter April 6 & 7, 1976

Wilton Ruben Archbold, BA'32. Retired minister. Married to **Georgia A. Smith**. Resides at Grand Terrace.

Dalton D. Baldwin, MA'53, BD'56. Minister/teacher. Additional degrees: ThM from Princeton University, N.J.; PhD from Claremont Graduate School. Married to **Barbara Lillie Britton**. Two daughters, one son. Resides at Loma Linda.

R. Richard Banks, former academy teacher, '63-'65. University professor. Additional degree: PhD. Married. One daughter. Resides at Loma Linda.

Marilyn M. Gibbs Beach, BA'49. Kindergarten teacher. Additional degree; MA from Loma Linda University, '74. Also teaching parent education courses at the local community college; is writing a children's songbook; did all the music for a reading series for the Riverside Unified School District. Married to **Perry W. Beach**, former AU teacher, '46-'57. Three sons, one daughter. Resides at Riverside.

Jacques Benzakein, BA'64. Associate professor of French at Loma Linda University. Married to **Sharon Jean McAlpine**, attended '60-'61, nurse/homemaker. One daughter, two sons. Resides at Riverside.

Darold F. Bigger, BD'70, MA'70. Associate pastor, La Sierra S.D.A. church. Married to **Barbara J. Messinger**, MA'70. One son, one daughter. Darold is presently a PhD candidate in the School of Theology at Claremont. Resides at Loma Linda.

Ramona Kathleen Downs Bond, MA'67. Former instructor in English '64-'73. Homemaker. Married to **Paul Bond**. Resides at Placerville.

Cecil Arnold Boram, attended '54-'55. Associate professor in agriculture at Loma Linda University, La Sierra

campus. Previously served in West Africa for 10 years. Married to **Evelyn Marilyn Pfeiffer**, BA'55, student-employment secretary/homemaker. Three sons. Resides at Riverside.

J. N. Brown, attended '27-'29, '31-'32, '52. Retired minister. Married to **Eleanor I. Brenner**. One son, one daughter. Resides at Grass Valley.

John Edward Carr, BS'49. Chairman, department of agriculture, Loma Linda University. Additional degree: MS from Michigan State University. Married to **Elizabeth Michelle Reed**, attended '41-'42, '44-'45. Two daughters. Resides at Riverside.

Durwin Harold Chamberlain, attended '61-'65. Teacher, Loma Linda Dental School. Additional degrees: DDS degree from University of Maryland and MPH from Loma Linda University. Married to **Sharon Judy Dorn**, BMus '64, homemaker. One son. Resides at Loma Linda.

Sharon Gay Chamberlain, BA'74. Student. Resides at Loma Linda.

Kenny Hak Lun Chan, BS'74. Medical student. Resides at Loma Linda.

Suk Woo Chung, MA'73. Minister. Married to **Grace Lee**. One son, one daughter. Resides at Anaheim.

Gaspar Francisco Colon, MDiv'76. Minister. Additional degree: MPH from Loma Linda University, '76. Married to **Maye Ellen Netten**, MA'75. Resides at Loma Linda.

Mabel A. Ferguson Cornwell, '36. Real estate broker. Resides at Yucaipa.

Gregory Robert Cornell, BS'73. Physical education teacher, Loma Linda Academy. Married to **Teresa Kay Johnson**, attended '72-'74. Resides at San Bernardino.

Erwin E. Cossentine, BA'22. Retired. Former president of La Sierra College, Riverside, 1939-1942; and of Union College, Lincoln, Nebraska, 1942-1946. Secretary of the department of education, General Conference, 1946-1966. Resides at Loma Linda.

T. Rose Curtis, BA'26. Retired secretary, copy editor, proofreader, librarian. Resides at Loma Linda.

Arthur Ray Davis, Jr., MD, BA'65. Physician, Lake Arrowhead. Married to **Cheryl Ann Holderby**. One daughter, one son.

Fred M. DeVries, BA'50. Vice-president mfg., Loma Linda Foods. Additional degree: MA from Michigan State University, '62. Married to **Mary Lou Denney**, attended '46-'48. One daughter, one son. Resides at Riverside.

Ronald David Drayson, MA'45. Psychologist. Additional degree: PhD. Married to **Grace F. Schagel**. Resides at Riverside.

David Rhelix Duffie, MD, premed '41, BA'45. Married to **Frances Daisy Minnet**. Four daughters, one son. Resides at Grand Terrace.

Elvera N. Eckerman, BA'47, MA'61. Teacher. Has spent 23 years in Africa, but plans to remain in the U.S.A. for the next five years.

Ena Lenoa Parrilla Edwards, BA'70, MA'71. Financial aid counselor, La Sierra Campus, Loma Linda University. Married to **Hedrick Judson Edwards**. Resides at Riverside.

Carol Elizabeth Fisk, BS'74. Medical student. Resides at Loma Linda.

Judy Frances McCormick Fox, BA'40. Consultant in learning disabilities, Colton school district, and part-time lecturer, Loma Linda University. Married to **Warren B. Fox**. Three daughters. Resides at Colton.

Alonzo E. Gregg, former operations manager, computing center, AU, '68-'75. Computer operations manager, Loma Linda University Medical Center. Married to **Marilyn Ruth Wilkinson**, BA'64. Two children. Resides at Loma Linda.

Fritz Guy, MA'55, MDiv'61. Dean, College of Arts and Sciences, Loma Linda University. Married to **Marcia Janice Specht**. Two daughters one son. Resides at Riverside.

Richard J. Hamond, MA'44. School administrator. Married to **Emily L. Stout**. Resides at Loma Linda.

Harold B. Hannum, former professor of music, AU, '29-'44. Additional degrees; MMus, AAGO. Married to **Ethel L. Longacre**. Two daughters. Resides at Riverside.

Stanley Earl Harris, BA'74. Medical student. Resides at Loma Linda.

Harry E. Hein, former German teacher, '47-'54. Retired. Married to **Velda Fulk**. Resides at Angwin.

G. Douglas Herdman, attended '70-'73. Student. Married to **Sharon M. Tyson**, attended '71-'74. Student. Both will graduate from Loma Linda this year, Sharon from clinical dietetics and Doug from journalism. Resides at Loma Linda.

Ivan G. Holmes, former chemistry instructor, '60-'72. Associate dean, College of Arts and Sciences, Loma Linda University. Married to **Gladys D. Davis**. One daughter, one son. Resides at Riverside.

Donald W. Hunter, BA'27. Retired minister, General Conference secretary. Additional degree: LLB. Married to **Mary K. Neufus**, '26, '28. Two daughters. Resides at Riverside.

Toby Joe Imler, BS'74. Dental student. Resides at Loma Linda.

Herluf L. Jensen, BA'52. Trust officer. Additional degree: MS from Michigan State University. Married to **Bernadette M. Marietta**, BA'53. Two sons. Resides at Loma Linda.

Michael I. Kebbas, BA'56, MA'60. Minister. Additional degree: PhD. Married to **Jaraslova Pokorna**. Three daughters. Resides at Riverside.

Margaret L. Kemmerer, BA'66. Dietitian. Additional degree: MS. Resides at Colton.

Glee Helen King, BA'27. Retired teacher. Additional degree: MA from the University of Chicago. Works in Medical Records, Loma Linda University, and keeps the mailing list up to date for the **Quiet Hour**. Resides at Loma Linda.

Judson Klooster, DDS, attended '38-'43. Dean of the Loma Linda School

Alumnotes

of Dentistry. Married to Arlene Jean Madsen. Three children. Resides at Loma Linda.

Fernell Rachel Knapp, MA'72. Registered nurse. Resides at Loma Linda.

Joseph William Kramer, MD, BS'36. Resides at Corona.

Jimmie Margaret Webber Kramer, pre dietetics '37. Retired. Additional degree: BS. Two sons. Resides at Costa Mesa.

Paul Milton Krater, BA'42. Medical technologist. Additional degree: BS from Loma Linda University. Married to **Laura B. Pelley**, BA'40, part-time clerk, Loma Linda Bookshop. One son, one daughter. Resides at Loma Linda.

M. Jean Jackson Krchnavi, attended '45-'51. Diet clerk. Resides at Riverside.

Arnt E. Krogstad, MBA'74, former assistant manager, student finance, A.U. Vice-president, Loma Linda Foods. Married to **Donna J. Wolfe**, MA'74, teacher. Two daughters. Resides at Riverside.

Glenn Dale Kromminga, BS'68. Certified Public Accountant. Married to **Sandra K. Vest**, attended '63-'65. Two daughters, one son. Resides at Grand Terrace.

Donald Edward Lee, BA'44, former instructor, '46-'47. University registrar. Additional degrees: MA from Ohio State University, PhD from New York University. Married to Elva B. Knight. Two daughters. Resides at Riverside.

Edward Lewis, MD, BA'71. Intern. Married to **Ogla Nashlee McKoy**, BA'70, MA'71, MPH student at Loma Linda School of Health. Resides at Loma Linda.

Jocelyn P. Lui, BS'75. Nurse at Loma Linda Medical Center. Resides at Redlands.

Brenda Jean Lutz, BS'74. Registered nurse. Resides at Loma Linda.

Elizabeth Randall Jean Macdonald, BA'74. Medical student, Loma Linda University. Resides at Loma Linda.

Joyce M. Marsh, BA'50. Teacher, Loma Linda Elementary School. Additional degree: MA. Resides at Loma Linda.

Warner E. McClure, BA'27, former academic dean at AU, '58-'71. Retired. Working part time for Loma Linda Chamber of Commerce. Additional degrees: MA, EdD. Married to M. Evelyn Huxtable. One son, two daughters. Resides at Loma Linda.

L. LaVerne Miller, BA'68. Literature evangelist. Married to Jeanne Pettis. One son, one daughter. Resides at Redlands.

Harry Willis Miller, MD, Honorary LLD '70. "China Doctor." Married to Mary Elizabeth Greer. Two sons, two daughters. Resides at Riverside.

Mavernie V. Wright Mitchell, BS'67. Secretary. Married to **Norman L. Mitchell**, former student. One daughter, one son. Resides at Riverside.

C. Barton Moore, MDiv'71. Medical student. Married to Linda L. Hamilton. Three sons. Resides at Loma Linda.

Doris Marie Coffee Morris, BS'70. Secretary. Married to Leslie Vernon Morris. Resides at Riverside.

Walter E. Murray, BA'19. Retired. Married to **Golda J. James**, BA'19. One son, two daughters. Resides at Loma Linda.

George J. Nelson, BS'32. Retired professor of chemistry, College of the Desert, Palm Desert, Calif. Additional degrees: MS, 1939; PhD, University of Colorado. Married to **Esther Maas**, attended '35-'36. Two daughters, one son. Resides at Loma Linda.

Ivan Theodore Nelson, MBA'73. Assistant business manager, La Sierra Academy. Married to Donna Lee Buckendahl. Three sons, one daughter. Resides at Riverside.

C. Glenn Nichols, BS'53. Assistant chief medical technologist at Loma Linda University clinical laboratory and assistant professor of medical technology, School of Allied Health, Loma Linda University. Additional degree: MSc in microbiology, Loma Linda University. Resides at Loma Linda.

Robert L. Nutter, BA'44. Professor of microbiology, School of Medicine, Loma Linda University. Additional degrees: MS, PhD. Married to Eileen M. Jones. Two sons. Resides at Colton.

Shelley N. Oei, BS'74. Nurse. Resides at Loma Linda.

Albert Edward Payne, Jr., BA'73. Medical student. Married to **Lucy Ann Salsbury**, BMus'74, teacher, Pomona Jr. Academy. Resides at Loma Linda.

Norval F. Pease, MA'45, former chairman, department of applied theology '60-'67. Retired. Additional degree: PhD. Married to Blanche B. Pitts. One daughter. Resides at Colton.

Clara Marsh Pelton, '20, former food service director, '41-'61. Retired; engaged in volunteer work. Widowed. Three daughters. Resides at Loma Linda.

Royce Irvin Perkins, BA'67. Certified Public Accountant. Additional degree: MBus Ad from Indiana University in 1971. Married to **Sharon Ann Morauske**, BS'67, former elementary teacher, homemaker. Additional degree: MS in education from Indiana University in 1971. One daughter, one son. Resides at Redlands.

Edward B. Pflaumer, MA'75. Counselor at Loma Linda University. Married to **Polly K. Fredericks**, former faculty member '73-'75. Resides at Riverside.

Pattie Lou Powers, attended '74-'75. Home economics teacher and assistant dean. Additional degree: BA in Spanish. Resides at Newbury Park.

E. Robert Reynolds, MA'57. Retired minister (total disability). Additional degree: PhD. Married to Betty E. Whitaker. Three sons. Resides at Riverside.

G. F. Ruf, BA'18. Retired. Married to Esther V. Dahl. Four daughters, one son. Resides at Colton.

Gloria Jean Crawford Sansonetti, '49. Homemaker. Three daughters, one son. Resides at Beaumont.

Joan Stumbaugh Schauer, BS'70. Married. One son. Resides at Yucaipa.

Donald Robert Shasky, MD, BA'49. Physician. Married to Ursula Karin Shasky. Three children. Resides at Redlands.

Gary Wayne Shearer, attended '60-'62. Reference librarian at Loma Linda University, La Sierra campus. Additional degrees: BA from Union College, Lincoln, Nebraska; ML from Emporia Kansas State College. Married to Lanis Laverne Simmons. One daughter, one son. Resides at Riverside.

H. Raymond Shelden, BS'34. Semi-retired teacher. Additional degree: MS from the University of Colorado. Married to **Emalyn Irene Brooks**, '30-'34. One daughter, one son. Resides at Riverside.

H. A. Shepard, BA'21. Retired. Married to Ramona Fall. Resides at Colton.

Dave G. Shipowick attended '72-'74. Medical student. Resides at Loma Linda.

Elwin Dee Shull, BA'54. Teacher. Married to **Marilyn Kay Broflin**, attended '50-'51. One daughter, two sons. Resides at Riverside.

Floyd Winfield Smith, MD, BA'15. Retired. Former missionary to India, '15-'31. Additional degree: MA, Whitman College, 1924. Married to **Florene Alvira Swartout**, '14, former teacher. Additional degree: BA from Walla Walla College, Washington, 1914. One son, one daughter. Resides at Redlands.

Elaine Esther Porter Strachan, BA '53, 2 yr cert '55. Cashier in the collection department of Loma Linda University. Married to James L. Strachan. One daughter, one son. Resides at Loma Linda.

C. Roscoe Swan, BA'41. Personnel relations director, Loma Linda University, La Sierra campus. Additional degree: MA. Currently a candidate for the PhD degree at Claremont Graduate School, Calif. Married to **Esther O. Pierson**, attended '39-'41, teacher. Additional degree: BS from La Sierra in 1966. Two sons, two daughters. Resides at Riverside.

Russell J. Swartz, BA'29. Retired. Married to **Lillian Bernice Johnsen**, BA'30, retired teacher. Two sons. Resides at Grand Terrace.

George Benjamin Taylor, BA'19. Retired. Married to **Gladys King**, BA'19. Two sons. Resides at Loma Linda.

Charles William Teel, Jr., MA'66. Religion teacher. Additional degrees, MTh, PhD. Named first Schriilo Fellow by Loma Linda University College of Arts & Sciences and Schriilo Foundation; six months leave for research and writing. Married to Marta Pastor. Two daughters. Resides at Riverside.

Philip M. L. Tsui, BS'73. Student. Resides at Loma Linda.

T. Edgar Unruh, BA'25. Retired. Married to Margaret S. Unruh. Resides at Grand Terrace.

Clifford E. Vance, MD, BA'58. Radiologist. Married to **Bonnie Lou Herr**, attended '51-'52. One son, one

Alumnotes

daughter. Resides at Barstow.

Lillian Nelson Wade, '25. Retired. Widowed. Resides at Loma Linda.

Irene Wakeham, BA'34. English professor. Additional degrees: MA, PhD. Resides at Riverside.

Wayne W. White, BA'28. Retired minister. Married to Nelva P. White. Resides at Loma Linda.

Arabella James Moore Williams, BA'17, former German teacher, '38-'47. Retired teacher and editor. Additional degree: MA from Stanford University, Calif., 1938. Widowed. Three children. Resides at Escondido.

Gordon Charles Woerner, BA'60. Risk management consultant for General Conference Risk Management Services, West Coast office. Married to **Deloris Jean Bigler**, BS'58, secretary, registrar's office, Loma Linda University. One daughter. Resides at Riverside.

Judith M. Zager, BS'74. Registered nurse. Resides at Colton.

Gwen Robertson Announces Marriage

Gwen Robertson, BA'71, announces her marriage, June 4, 1976, to **Louis Hugo Marselje**. Louis, a native of Haarlem, Holland, and now a naturalized Canadian citizen, is an employee of Bay State Abrasives in Brantford and sales manager for Bestline of Canada, Ltd.

Gwen is pursuing her teaching certification (by supply teaching) and her writing and artistic efforts. A collection of her poetry is currently on tour to 69 countries in an exhibition of Canadian women's art.

The wedding announcement states that it is the desire of both bride and groom that the bride retain the use of her maiden name socially, legally, and professionally.

Two-year-old Allison, a daughter of Louis' by a previous marriage, makes the family a threesome.



Denzil Ferney, premed dip '22, enjoys his hobby of painting. Above, he works in his studio.

Herbert James Michals, MD, MA'53. Married to Marilyn Jean Ferciot. Five children. Resides at Kingsport, Tenn.

Wilma E. Titus Smith, attended '27-'29, normal cert. Retired. Additional degree: BS from Eastern Michigan University. Married to Lee O. Titus. One daughter. Resides at Stockbridge, Mich.

B. N. Josiah, MA'71. Director of education, Caribbean Union Conference of S.D.A.'s. Writes: "Let me take this opportunity to thank you very much for sending me FOCUS, a magazine which I look forward to with eagerness." Resides at Port of Spain, Trinidad.

Robert C. Richardson, attended '28-'43. Retired. Married to Kathryn M. Richardson, attended '28-'32. One son. Resides at Mt. Vernon, Ohio.

Hamilton E. Calvert, former student. Also attended Indiana University, South Bend, Ind; Michigan State University; and the University of Notre Dame where he graduated magna cum laude in business administration. Has recently been appointed Foundation Grant Coordinator at Bethel College, Mishawaka, Ind. Married to Sarajane Calvert. Three children. Resides at Mishawaka, Ind.

President Ford Appoints Alumnus to Serve on FTC

David A. Clanton, BA'66, legislative assistant to Senator Robert Griffin (R-Mich.), has been nominated by President Gerald R. Ford to serve on the Federal Trade Commission (FTC). Ford chose Clanton to serve out the term of **Lewis A. Engman**, of Grand Rapids, who resigned last December. He also nominated Clanton for a new seven-year term beginning September 26.

After graduating from Wayne State University with a law degree in 1969, Clanton went to Washington. He was Griffin's legislative assistant two years before joining the Commerce committee staff, and served as minority staff counsel to the U.S. Senate Commerce committee from April, 1971, until January, 1976.

He is the son of Mr. and Mrs. Albert Clanton of Berrien Springs. His father is retired from the Casting Service Corporation, LaPorte, Ind., and his mother, **Mildred Clanton**, BS'65 is also a graduate of Andrews.

David E. Smith, MDiv'75. Currently studying public health at Loma Linda University School of Health. Married to **Cheryl Berkeley**, attended 1975.

Alan Smith, MA'75. Currently studying public health at Loma Linda University School of Health. Married to **Anne Aveling Smith**. Resides at Mentone, Calif.

Peter Nachreiner, BA'68. Librarian, Lake Michigan College, Benton Harbor, Mich. Married to Virginia Bowen, BA'68. Two children.

Harold Krull, horticulture '73. AU grounds custodian. Married to **Sanda Kay Todd**, '73.

Gladys Ranney DePas, 2 yr cert '25. Homemaker. Resides at Wilson, Mich.

Florence Orth, 2 yr cert '25. Retired. Resides at Arpin, Wis.

Ursula Ziesmer Whiting, BA'47. Teacher in Lena, Wisconsin, public schools. Has received the MA degree from University of Wisconsin. Married to **Lionel Whiting**. Resides at Oconto, Wis.

Hugh E. Bowen, 2 yr cert '36. Retired. Resides at Fort Pierce, Fla.

Eva Lewis Brown, '29. Homemaker. Resides at Madison, Wis.

Backlog, Camp Meeting, 1975 Illinois

Kelly G. Eick, BA'74. Business intern, Hinsdale Sanitarium and Hospital. Married to **Donna J. Stannard**, BS'76. Resides at Westmont.

Harry Halvorsen, attended '35-'37. Optometrist and decorator. Married to **Mary Morgan**, attended '36. Resides at LaGrange.

Ed Nicholl, BS'63. Teacher. Resides at Rockford.

Sue Barker, former student. Studying at Hinsdale.

John Erhard, BA'51. Chaplain, Hinsdale Sanitarium and Hospital. Married to **Barbara Tisdale**, attended '47-'58. Resides at Hinsdale.

Deane Nelson, MA'62, BD'65. Minister working as health counselor for a group of physicians. Working on DMin degree in pastoral counseling from McCormick Theological Seminary. Married to **Kay Scott**, BA'65, health educator, Hinsdale Sanitarium and Hospital. Resides at Bolingbrook.

Richard L. Cook, BA'57. Librarian at Hinsdale Sanitarium and Hospital. Married to **Guinevere Sherwood**, '57. Missionaries in West Pakistan for five and one-half years. Three foster sons and one adopted son. Resides at Hinsdale.

Durward Wildman, BA'52. Assistant administrator for personnel, Hinsdale Sanitarium and Hospital. Married to **Joan Lane**, 3-yr cert '51. Secretary. Resides at Hinsdale.

Goldie Show Zimmerman, BA'29. Retired teacher. Resides at Bethalto.

Deborah L. Latta, Occ ed '73. Medical records file clerk, Hinsdale Sanitarium and Hospital.

Karen Hyde Lant, BS'69. Housewife. Married to **Thomas W. Lant**. Resides at Hinsdale.

Sallyann Gabriel Dewind, attended '59, '75. RN, Hinsdale Sanitarium and Hospital.

Roy Carley, BA'71. Elementary teacher, Chicago. Married to **Bonnie Babcock**, BS'69, homemaker. Resides at Oak Lawn.

Emily May Breen Bendler, BS'69. Teacher. Married to **David Bendler**. Resides at Orland Park.

Norma Valazquez, BA'74. Teacher, Broadview Academy, LaFox.

Alumnotes

OHIO

Ralph S. Ahnberg, BS'54: manager of production and purchasing, Simmons Company, Medina. Married to Betty Hausted.

Kenneth A. Wilkinson, MD, BA'55: general medicine physician, Hilltop Medical Center, Waverly. Chief of staff at Pike County Hospital. Married to Wanda Porter. Five children.

G. Clayton Sowler, BTh'32: retired as registrar of Mount Vernon Academy. Holds MA degree from Ohio State University. Married to **Ardis Goodspeed Sowler**, 2 yr. dip '32: bookkeeper. Resides at Mount Vernon.

John Toews, MDiv '73: minister, Wooster. Married to Kathryn Thompson.

Joseph P. Stoia, BA'66: associate medical librarian, Kettering Medical Center, Kettering. Married to Rose Greer.

Barbara Phillips Snyder, 2 yr. dip. '52: RN supervisor, Toledo. Married to Kenneth Snyder.

James S. Russell, MA'60: minister, Youngstown. Married to Carolyn Hall.

R. F. Rideout, MA'59: minister, Chillicothe. Married to Dorothy Metzger.

Sibyl Partain Richards, BA'45: accountant, Worthington Foods, Worthington. Married to Arthur Richards.

J. David Newman, MA'74: minister, Elyria. Married to **Phyllis Fehlmann**, 2 year dip. '63.

Ivan Morford, BD'59: minister, Trenton. Married to Delaine Carlson.

Georgene Minesinger, MA'63: church school teacher, Monnett SDA School, Marion. Is writing book for a class in children's literature. Resides in Bucyrus.

Ruth Michaelis, '31: school librarian. Resides in Columbus.

Elfriede Matejisk, MAT'68: grad student at Ohio State University (PhD). Under appointment to West Africa. Resides at Columbus.

David Manzano, Seminary 51-52: minister, Mt. Vernon.

Russell G. Lucht, BA'54: minister, Conference Office, Mt. Vernon. Married to Dottie Jones.

Donald E. Leicy, BA'71: assistant manager of production control, Perfection Cobey, Galion. Married to Veronica Jacobs. Resides at Bucyrus.

Zelia Miller Laurell, BA'33: RN. Resides in Newark.

Mary Hoyt Kraner, MA'61: instructor in psychology. Married to William Kraner. Resides at Dayton.

H. W. Kohles, MDiv'70: minister, Lima. Married to Rachel Brittain.

Leroy Kirschbaum, MA'72, MA'73: computer programmer, Firestone, Akron. Married to Susan Ankrom. Resides at North Canton.

Ray Hill, BS'49: grounds superintendent, Kettering Hospital. Married to **Geraldine Hill**, EMC teacher, '47-'48. Resides at Centerville.

Vernon Harris, MA'67: teacher, Eastwood School, Columbus. Married to Betty C. Harris. Resides at Worthington.

Ellen Harris, BA'75: graduate student at AU. Resides at Worthington.

Muriel Harlow, MAT 72: teacher. Resides at Amelia.

Sharon Foulston, 1 year college: presently R.D. at Mansfield General Hospital. Resides in Mansfield.

Yvonne MacKinnon Foster, BS'61: RN. Married to Darrow A. Foster, minister, Ohio Conference. Resides at Wakeman.

Albert Dittes, BD'70: minister, Piqua, Jackson Center, and Bellefontaine. Married to Patricia Mooney. Resides at Sidney.

Vinal L. Cress, BA'53: inspector, Sulphur Springs. Married to Virginia Beeman.

Elsie I. Omsted-Cox, BS'32: retired academy teacher. Resides at Mt. Vernon. Married to Lincoln M. Cox.

Dennis Carlson, MDiv'70: minister, Mansfield. Married to Annalee Carlson.

Stig B. Anderson, 1950-55, 1972: minister, Barberton and Medina. Married to Helen Bessemer. Resides at North Canton.

Lola Dutter Hunt, 2 summers, 1970-1971: BA, Wisconsin University. Housewife. Married to Ivan Hunt. Resides at Mt. Vernon.

Joseph D. Brown, MD, BA'51: physician, Kettering Memorial Hospital. Married to Elizabeth Lukens. Resides at Dayton.

MISCELLANEOUS STATES

Mildred Dessain Nelson, BA'28: retired, Hendersonville, N.C. Married to **William A. Nelson**.

Rhoda Kirk Nelson, BS'68: teacher (English and home economics) and librarian, Union Springs Academy, New York.

Harold I. Hiday, BS'64: church school teacher, Dallas Jr. Academy, Dallas, Tex. Married to **Ida Darlene Wright**.

Roger Charles Cook, MD, BA'54: physician, Oswego, N. Y. Married to **Darlene Breneman**, former student, homemaker. They reside in Fulton, N. Y.

Kenneth D. Flemmer, BA'75: currently with AUSC, Japan. Married to **Brenda Wernick**, BS'73. Residing at Osaka, Japan (Language School).

Robert E. Shimek, student, '35-'37: salesman, Apopka, Fla. Married to **Sylvia B. Neault**.

Linda Sharpe, BS'75: assistant food service director, Canadian Union College, College Heights, Alberta.

James M. Thomas, MD., BA'59: practicing physician, Spearman, Texas. Married to **Mary Lloyd**.

Wesley Flory, BA'63, MA'64: marriage counselor. Calif.

Nila Lemon Myers, BS'63: elementary school teacher, Santa Cruz. Resides in Watsonville, Calif. Married to James M. Myers.

Donna Behner Porco, 2 yr dip '52: registered nurse. Married to **Setty E. Porco**, MD. They reside in Sacramento, Calif.

Hugh E. Bowen, student '27,'28; '34-'36: retired. Resides at Fort Pierce, Fla.

Don Kuester, BA'56, grad studies '57-'58: commercial buyer, Bowling Green, Ohio. Engaged in part-time self-supporting evangelism. Married to **Carol Wolfe**, BA'55: "domestic engineer." They reside at Maitland, Fla.

Grace Evans Lundquist, BA'16: retired teacher, 28 years. Holds an MA degree from University of Chicago, '31. (Also attended University of Nebraska. Married to **H. B. Lundquist**. They reside at Orlando Fla.

James D. McClelland, BA'64: art instructor, Union College, Lincoln, Neb. Married to **Huda Farag**, BA'64. Resides at Lincoln, Neb.

Thomas L. Luttmann, attended '55-'56: greeting card salesman. Married to Nancy Blackford. Resides at San Antonio, Tex.

Janis Snowden, BA'63: elementary school teacher, Lexington, Ky.

Gary R. Hill, BA'72: elementary school teacher, Stoneham, Mass.

Frederick Gerhard Christiansen, BS'75: teacher. Under appointment to teach at Kivu, Butembo, Zaire. Married to Kathleen Ewald. Resides in Sarnia, Ont.

Leslie Arthur Bergstrom, BA'67: dentist, Wyoming, Ont. Married to Judith Haynie.

David Norman Susens, BS'73: supervisor at Dakota Bake N' Serv, Nevada, Ia. Married to **Helen Marie Ingersoll**, BS'72.

Annette West Soper, BS'72: homemaker. Married to Joseph Soper. One child. Resides at West Burlington, Iowa.

Wilton Clarke, BA'56: faculty-student at University of Iowa. Under call to Middle East College, Beirut. Married to **Sylvia Nelson**, attended '61-'64. Two children. Resides at Iowa City, Ia.

Forrest K. Sykes, BA'49: since received MED. Teacher. Married to **Ruth Alta Soule**, attended '42-'45. Four children. Resides at Kenner, La.

Russell J. Swartz, BA'29: retired. Married to **Lillian Johnson**, '28. Resides at Grand Terrace, Calif.

Kathleen McNeal Rey, BS'65: homemaker. Married to Roger N. Rey. Resides at Loma Linda, Calif.

Susan Franz Loveless, grad school '73-'75: teacher. Married to Franklin Loveless, Aug. 24, '75. Address F.P.O., San Francisco, Calif.

Dwight R. Howell, '73-'75: programmer analyst, Loma Linda University Computer Center. Resides at San Bernardino, Calif.

Jean Rowe Homer, BS'63: elementary teacher, John Adams School, Carona. Married to Richard Homer. One child. Resides at Riverside, Calif.

Elayne Andrus Davison, BA'58: school teacher, Eisenhower High, Rialto, Married to Ray Davison. Resides at Bloomington, Calif.

Harry McGrubbs, BS'69: farm manager, Loma Linda University. Married to Barbara Drumm. Resides at Riverside, Calif.

John Elwood Clarke, BS'68: physicist Rockwell International, Thousand Oaks. Married to **Marion Ainslie**, MA'67, homemaker. Two children. Resides at Newbury Park, Calif.

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