

FOCUS

The Andrews University Magazine

Summer 1986



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MAGAFILE

Faculty Research

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This compilation of brief descriptions shows the scope of research being pursued at the university.

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In This Issue

Whether the project is a short, exploratory endeavor costing only a couple hundred dollars or whether the project has spanned the professional life of the researcher and been funded by thousands of dollars, we have discovered as we prepared this issue that research creates an excitement and challenge that overflows into the classroom.

We asked alumni who are currently involved with research in their professions or graduate studies to tell us what their research experience at Andrews has meant to them. (See p. 17)

Since the spring issue featuring professors emeriti was published, we have received word that two of these professors have died: Victor H. Campbell on



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A Seventh-day Adventist School

March 9 and Edwin R. Theile on April 14. Having become acquainted with the professors emeriti through our work on the spring issue, the FOCUS staff feel a personal loss at their passing.

Two announcements of significance to the financial well being of the university are being made in this issue. The Board of Trustees voted to approve the concept of establishing a ten million dollar endowment fund (see p. 4), and Andrews University recently received from Mr. and Mrs. Frank DeHaan the largest single gift in the university's history (see p. 28). Both of these news items will be featured in a future issue of FOCUS.

Letters to the Editor

State Representative Writes

Thank you for sending me a copy of the Fall/Winter issue of FOCUS.

I was very pleased to be a part of Apple Valley Market's tenth anniversary celebration. Hope you enjoy many more years in Berrien Springs.

Carl F. Gnodtke
State Representative
43rd District
Lansing, MI

Voluntary Subscription

It's always good to receive FOCUS. I'm pleased to enclose a \$7.50 donation for my subscription.

Bill White, Jr.
West Monroe, LA

Enjoyed Fall/Winter Issue

I do so enjoy reading FOCUS which both of my sons receive. I was, of course, especially interested in the Fall/Winter issue regarding the new board chairman, my cousin Robert J. Kloosterhuis.

I also enjoyed reading "How We Financed Our Way Through College." The stories were so interesting. I am thankful we have such wonderful schools.

Ella Loerop
Deerfield Beach, FL

Too Many Copies

Attached you will find two address labels from FOCUS. My husband and I are both graduates of AU, but we don't need two copies of FOCUS. Cancel one and with the money you save, buy our son a vegeburger! He's up there now, as is our daughter. We have visions of having FOUR copies of FOCUS coming in a few years!

Fern Babcock
Silver Spring, MD

We hope your visions do not become fulfilled prophecy. If other readers are receiving duplicate copies of FOCUS, we would appreciate it if they would follow your example and inform us.—Ed.

About the Cover

The cover photograph shows the invasive stage (sporozoite) of a coccidian parasite (enlarged 100,000 times) in the process of entering a host cell. This photo represents a portion of a soon-to-be published study by Dr. Bill Chobotar and his colleagues Dr. Harry Danforth, United States Department of Agriculture, and Dr. Rolf Entzeroth, University of Bonn.

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Letters to the Editor are welcome and should be sent to:

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Berrien Springs, MI 49104

Vantage Point

by Norman J. Woods

Discovery by a New Generation

As the body of science has grown so dramatically in the past century, the press and weight of ignorance has also become more obvious and dangerous. The commission which this church has accepted, to go into all the world teaching, has put upon us a need for knowledge and sophistication which can be frightening to a people also dedicated to simplicity and plain truth.

As this church through its universities, becomes more immersed in driving deeper into the scientific realm of knowledge, the persons who remain outside of the search become more exempt from and less understanding of the needs and discoveries of those who are searching carefully for scientific truth. This separation of the searcher from the rest of the world can, eventually, risk the search for understanding and truth. The researcher is dependent upon the goodwill and support of those who will benefit from new discovery.

Moreover, the researcher needs to be kept close to people who can learn from his work and discern methods with which to continue the search. It is a major role of the university to encourage the researcher, to keep the public aware of the benefits and challenges of new knowledge, and to teach and train students to become participants in the continued search for knowledge.¹ As the university contributes to the community by educating the populace and by providing a place for knowledge to grow, so the community contributes to the university by furnishing able students, loyal graduates and financial support.

Frequently, the university is criticized for having created a group of persons so isolated from the reality of the outside world that the needs of the common man are ignored and replaced by esoteric and fine-tuned trivia. The university as a whole must consider this problem and discern, through classroom teaching and contact with the community at large, what the needs of the world are.

But for the university to ignore the duty of research is for it to

admit that there is nothing to learn or that the university is content to trust other agencies and institutions of higher learning to extend the frontiers of knowledge. If Andrews University is indeed a unique and valuable place, if the knowledge which it is based upon and which it hopes to continue to learn more of, is of worth, then research is a responsibility.

If this university is to be a place where truth is found and not merely reflected, then research must be an element of the work here. The scope of professions expands constantly; if the message of this church and this university has anything to contribute to the constant push for more information, its students and faculty must have a commitment to inquiry.

Teaching and research are common bedfellows in our nation's universities and have been so since the arrival of the German educational influence a

"Teaching and research are common bedfellows in our nation's universities . . ."

century ago. The community of academicians, which both research and solid teaching require, makes the university the natural and necessary environment for these pursuits. The attainment of university status was initiated by Andrews University. We have had limited commitment of resources for research and, from the trustees on down, a tenuous ideological commitment to the research process.

The process of research in scientific areas frequently requires a mindset somewhat different from that which is brought to other studies. Scientists, according to Edward O. Wilson's article "The Drive to Discovery" in a recent issue of the *American Scholar*, do not discover in order to know.² They know in order to discover. That inversion of purpose is more than just a trait, it is the essence of the matter. Schol-

ars in the humanities are the shamans of the intellectual tribe—wise men who interpret knowledge and transmit the lore, traditions and hallowed texts. Scientists are the scouts and hunters of the tribe. No one rewards a scientist for what he knows. Nobel prizes and other trophies are bestowed for the new facts and theories he brings home to the tribe. The scholar of humanities grows in stature as he grows in wisdom. He can gain international stature as a critic, and justly so. But this vocational opportunity is not open—not yet—to the scientist.

The scientist is not a very romantic figure. Each day he goes into the laboratory or field, energized by the hope of a great score. He is the brother to the prospector and treasure hunter. Every little discovery is like a gold coin on the ocean floor or a nugget in a sierra stream. But the professional researcher's real business, the bone and muscle of the scientific endeavor, amounts to a sort of puttering. Trying to find a good problem, thinking up experiments, mulling over data, arguing in the corridor with colleagues, and making guesses with the aid of chewed pencils and reams of crumpled papers until finally something—usually small—is uncovered. Then comes a flurry of letters and telephone calls, followed by the writing of a short paper in an acceptable jargon. This discovery will then, perhaps, be reported in an appropriate journal, written up in a textbook, taught to the latest generation of students and eventually be described in a standard reference for posterity.

Do we in our universities feel ready to make a greater commitment to the process of research? The typical teaching environment sometimes fails to affirm this ideal. Knowledge has been decided upon, and it is the duty of the learner to accumulate it. Do we feel ready to deal with the uncertainty of discovery? The research environment may appear to be without form. Yet the creation which takes place in that lab or library is cardinal to the wellsprings of investigation.

A most important challenge to the process of research must be given to prospective students and to those who are instrumental in



Norman J. Woods

helping them to make their career decisions. We face a rigorous task to produce more scientists. To begin with, Adventist colleges are now in a declining enrollment pattern which will, according to present demographic patterns, continue at least through the eighties. In addition to their declining numbers, Adventist students reflect the priorities of their peers in the public sector. In *The Insider's Guide to the Colleges*, 9th Edition, students produce brief descriptions of what their colleges are really like.³ A common description of what many large state universities students' goals are show that the "prevocational mentality" is prevailing in the student bodies. This attitude does not portend an increase in the population of the academicians, the researcher, the laboratory scientist.

We must continue our search for able young scholars with an interest in scholarly investigation. This will require an organized network of research faculties in our undergraduate programs to help in the discovery and nurture of developing talent.

Notes

¹ Briggs, John. "The Genius Mind." *Science Digest*, December, 1984, pp. 75-77, 102-103.

² Wilson, Edward O. "The Drive to Discovery." *American Scholar*, Vol. 53, Autumn 1984, pp. 447-464.

³ Yale Daily News Staff and Margaret Waters. *The Insider's Guide to the Colleges*, 9th ed., Congdon and Weed.

Norman J. Woods is president of Loma Linda University, Loma Linda, Calif. This article is a condensation of the address he presented at the Andrews University commencement, June 1985.

Campus Update

Trustees Meet for Semi-Annual Meeting

Andrews University's president, Dr. W. Richard Leshar, was reappointed for a five-year term by the university's Board of Trustees at their semi-annual meeting, Feb. 24. Leshar was originally appointed to the position in Feb. 1984.

The trustees also reappointed those holding vice presidential positions, the deans of the six schools, the director of the University School and department chairmen for a five-year term.

Vice presidential appointments include: David A. Faehner, university advancement; Richard Huff, general counsel; Richard W. Schwarz, academic administration; Reger C. Smith, student affairs and Edward E. Wines, financial administration.

The deans of the schools are: E. Stanley Chace, School of Education; Arthur O. Coetzee, School of Graduate Studies; Gerhard F. Hasel, Theological Seminary; Merlene A. Ogden, College of Arts and Sciences; Slimen J. Saliba, School of Business and M. Wesley Shultz, College of Technology. Richard Orrison is director of the University School.

Leshar also announced a five percent tuition increase on a full package of tuition, room and board starting fall quarter 1986. A pay increase of 3.9 percent, forthcoming July 1, 1986 for all church employees, will be deferred for university employees until Jan. 1, 1987. These actions were taken in an effort to balance the budget for fiscal 1986-87.

Other actions taken include approval of the concept for a \$10 million endowment fund for student scholarships and faculty research.

New appointments of faculty announced by Leshar are: F. Colleen Steck, professor of home economics education and chairman of the home economics department; John T. Baldwin, associate professor of theology; Jack K. Boyson, associate director of development; Oliver Johnston, part-time associate director of development; Cheryl Jetter, instructor in art history; Gary Beagles, instructor in business administration; T. Lynn

Caldwell, instructor in communication and John Wesley Taylor, instructor in education.

Seventeen faculty members received promotions in academic rank. Those promoted to full professor are: Peter D. Erhard, art; Wolfgang F. P. Kunze, German; Bruce E. Lee, physics; Roger L. Dudley, church ministry; Clarence B. Gruesbeck, church ministry; C. Raymond Holmes, preaching and worship; Garth D. Thompson, pastoral care; Donna J. Habenicht, counseling psychology; Marion J. Merchant, psychology.

Those receiving the rank of associate professor are: Joseph W. Warren, English; Selma A. Chaij, counseling psychology.

Those receiving the rank of assistant professor are: Richard D. Davidian, English; Jessie A. Oliver, library science; Monte G. Salyer, English; Janice Y. Watson, English; Gary Marsh, aviation; Raymond L. Paden, information and computer science.

Two retiring faculty members received the title professor emeritus. They are Bonnie Jean Hannah, professor of business education, and Leonard N. Hare, professor of biology.

HUD Official Speaks to Students

Henry E. Felder, deputy assistant secretary for policy development and research for the U.S. Department of Housing and Urban Development, addressed members of the Andrews University student body on Jan. 23. Mr. Felder, an Adventist, has served as a political appointee to the Reagan administration during the past three years.

Despite the controversial content of his topic, "Economics and the Compassionate Society," Felder won the respect of faculty and students who hold widely differing economic and political views, according to Malcolm Russell. Felder says he cares deeply about the plight of the poor in America, but questions the effectiveness of past policy in helping them as a group.

His lecture was made possible by a grant from the Household Finance Corporation. He was also sponsored on the Andrews campus by the newly-formed



Andrews University's top administrators, seated: Edward E. Wines, financial administration; Richard L. Huff, general counsel; Reger C. Smith, student affairs; Richard W. Schwarz, academic administration. Standing: David A. Faehner, university advancement; W. Richard Leshar, president. Photo by Russ Salamon

Lamda of Michigan Chapter of Omicron Delta Epsilon, the national economics honor society.

As deputy for housing studies, Felder is responsible for the department's research in the areas of assisted and public housing for low-income families and for innovations in building and construction technology.

Prior to going to HUD, Felder worked 10 years in applied economics research, spending nine of those years at Stanford Research Institute. He received a doctor of philosophy degree in economics from Stanford University in 1975, where he received a Ford Foundation fellowship.

Felder has written on many areas including unemployment insurance, job search, the economics of education and training, youth unemployment and the economic status of the black family. He taught economics at San Jose State University, George Washington University and Columbia Union College.

He was selected for inclusion in "Who's Who in America," "Key Government Officials" and is active in local church and school activities.

This February Felder was elected to the Andrews University Board of Trustees.

Lake Union Students Attend Music Clinic

More than 200 choir and orchestra students from Lake Union academies and junior academies performed a free public concert of sacred and secular music in Johnson Auditorium March 1 at 8 p.m.

This choral clinic concert featured outstanding musicians from 11 schools located in Michigan, Indiana and Wisconsin, according to Zvonimir Hacko, assistant professor of music and director of choral activities at Andrews.

The 75-piece orchestra was directed by Dr. Charles G. Davis, associate professor of music and orchestra director at Andrews. Hacko led the 130-voice choir. Both the choir and orchestra played separate selections, Hacko said, as well as combined efforts for the performance of "Te Deum in C major" by Franz Josef Haydn.

The concert was the climax of a four-day choir and orchestra clinic offering rehearsals and workshops to Lake Union students beginning Feb. 26 at Andrews University, held to encourage high quality music making and to promote Lake Union's school music programs.

The clinic is sponsored by Andrews University, the Lake Union Conference and its SDA schools.



Lawrence Geraty, secretary, Midwestern Regional Society of Biblical Literature, with Keith Schovill, Middle West branch president of American Oriental Society.

Midwest Biblical Scholars Meet at Andrews

The annual regional joint meeting for the midwestern branches of the Society of Biblical Literature (SBL), the American Oriental Society (AOS) and the American Schools of Oriental Research (ASOR) was held Feb. 9 to 11 at Andrews University.

Hosted by the Institute of Archaeology at Andrews, the three societies, involved in biblical studies and research in the Near East, had about 100 scholars from Wisconsin, Indiana, Illinois and Michigan in attendance, according to David Merling, curator of Andrews' Siegfried H. Horn Archaeological Museum.

The meetings opened with a session for all members on biblical archaeology. A welcoming reception followed at the 1839 Courthouse Museum in Berrien Springs.

A presidential banquet was held at the university's cafeteria on Monday evening. Dr. Lawrence T. Geraty, former director of Andrews' Institute of Archaeology and present SBL secretary for the midwestern region, presided. Dr. Keith Schovill, AOS middle west branch president, gave an informative and entertaining speech titled, "Why are Ancient Fortifications?"

"Greco-Roman Culture and Early Christianity" was the topic of discussion at a special breakfast Tuesday morning.

Sectional meetings were held throughout the event, Merling said. Papers were presented and panel discussions took place to

share ideas on such topics as New Testament literature, Old Testament history, Near Eastern archaeology and the Hebrew language. Dr. Adam Zertal and Dr. Anson F. Rainey, two scholars from Israel, were among those persons reading papers.

The Siegfried H. Horn Archaeological Museum, which has been closed for three years while undergoing \$100,000 in renovations, opened unofficially during the joint meeting, Merling said. The museum is scheduled to officially open fall 1986.

Andrews Constituents Elect New Board

A new Board of Trustees was elected at the quinquennial session of the Andrews University constituency held in the university's Seminary Chapel on Feb. 23, 1986.

The 15 new members are: W. Floyd Bresee, General Conference; Kent K. Birmingham and Conrad A. Reichert, non-faculty alumni; Richard D. Fearing, Joel O. Tompkins, James W. Wilson, and Ronald M. Wisbey, union conference presidents; and R. Ernesto Castillo, Jeffrey Des Jardins, Henry Felder, Norman G. Moll, Llewellyn M. Mullings, Dolores E. Slikkers, Marjorie Thomas, and Dale E. Twomley, professional/business persons.

The 27 members re-elected to the board are: Robert J. Kloosterhuis—chairman, George H. Akers, Charles E. Bradford, Donald F. Gilbert, William L. Merrill, Enoch de Oliveira, Calvin B. Rock, G. Ralph Thompson, Neal C. Wilson, General Conference;

W. Richard Leshner, corporation president; Robert H. Carter, John L. Hayward, Herbert W. Pritchard, Warren E. Minder, Lake Union Conference; Glenn A. Aufderhar, Everett E. Cumbo, Charles D. Joseph, John R. Loor, Jere Wallack, Lake Union Conference presidents; and Elsie L. Buck, Elmer T. Carreno, W. Harold Colium, Floyd L. Costerisan, Werner Lightner, R. Ellsworth McKee, Marie Robinson and Lawrence E. Schalk, professional/business persons.

Advisory members of the board are: Bert B. Beach, Walter D. Blehm, Charles C. Case, Wallace O. Coe, Philip Follett, Alfred C. McClure, Cyril Miller, Benjamin Reaves, Cecil Webb, Robert L. Woodfork and Norman J. Woods.

N. Clifford Sorensen was elected special consultant.

Prior to the Board of Trustees election, the 202 members of the constituency in attendance voted to accept the following 24 persons to serve as members of the nominating committee: W.

Richard Leshner, Andrews officer; Patrice D. Cruise, Walter B. T. Douglas, Dwain L. Ford, Robert M. Johnston, Patricia B. Mutch, Russell L. Staples and Jerome D. Thayer, Andrews faculty; Charlene L. Vitrano, Andrews alumna; Charles E. Bradford, R. Ernesto Castillo, Richard D. Fearing, Donald F. Gilbert, R. Ellsworth McKee, N. Clifford Sorensen, G. Ralph Thompson, Neal C. Wilson and Ronald M. Wisbey, General Conference Committee; Glenn A. Aufderhar, Robert H. Carter, William E. Jones, Charles D. Joseph, Dolores E. Slikkers and Jere Wallack, Lake Union Conference executive committee and local conference executive committees.

Neal C. Wilson served as nominating committee chairman and Walter B. T. Douglas was secretary. Student observers were Ronnie Mills and Patrick Thomas.

In other business, members of the constituency voted to approve revisions to the Bylaws of Andrews University. One of the major areas of change was membership of the Board of Trustees. The 42 persons elected as trustees are now classified as follows: ten members recommended by officers of the General Conference from which the chairman of the Board of

Trustees is chosen, the president of the corporation, two members of the university alumni not members of the faculty or employees of the corporation, the president of the Lake Union Conference, up to four other union conference presidents of the North American Division, the secretary, treasurer and director of education for the Lake Union Conference, presidents of the local conferences of the Lake Union Conference. The remaining members shall be persons not directly connected with the university and shall represent professional and business interests. Special consideration will be given to assure that persons not employed by the Seventh-day Adventist church will be part of the business/professional group.

Rather than accept proposed changes to the Bylaws regarding membership, corporation members voted unanimously to retain the old wording and appointed a Constitution and Bylaws Study Committee to study membership changes during the quinquennium 1986-1991. The committee's 13 members are: G. Ralph Thompson—chairman, Elsie L. Buck, Floyd L. Costerisan, Vernon Alger, Lawrence E. Schalk, John F. Duge, Richard L. Huff, Richard W. Schwarz, Harold T. Jones, Malcolm B. Russell, Fred Thomas, Warren L. Johns and Donald F. Gilbert.



Meredith Jones, assistant professor of English, has completed a doctorate of English language and literature at the University of Michigan, Ann Arbor. Jones, a resident of Berrien Springs, is the daughter of Harold and Joyce Jones, also university employees. Jones said her research on the Harley manuscript strengthened her own interest in English literature and will help her convey her enthusiasm to her students.

Archaeological Dig, Tours Postponed

The 1986 Madaba Plains Project, scheduled to take place June 16 to August 11, in Jordan, has been postponed one year, according to David Merling, curator of the Horn Archaeological Museum.

"We expected no problems traveling, nor anything untoward living or working in Jordan where the government maintains a secure environment and the populace is very hospitable to foreigners," he said.

"Even though Jordan is a modern and safe country, considerations elsewhere in the Middle East and questions about liability insurance have produced this decision. The decision has been made with the widest possible input from knowledgeable and responsible people both in the United States and Jordan," according to Merling.

All the accompanying tours, including George Vandeman archaeological field conference, are also cancelled.

Archaeology Consortium Formed

Andrews University's Institute of Archaeology, at an administrative council meeting in February, took action to form a consortium to coordinate the multi-campus effort for the institute's archaeological work in Jordan.

Consortium representatives come from Andrews University, Pacific Union College, Atlantic Union College, Canadian Union College and Southwestern Adventist College. The primary function of this group is the financial sponsorship of the archaeological efforts, staffing and logistical decisions.

Dr. Lawrence T. Geraty, president of Atlantic Union College, will serve as the director of the Madaba Plains Project in Jordan. He is also the director of the consortium.

Andrews' Institute of Archaeology will continue as prime sponsor of future projects and will have first choice of the relics unearthed. The institute will also be responsible for publishing the findings of the expeditions in scholarly journals.

Academy Earns Health and Fitness Center

A \$17,500 Health Fitness Center opened Feb. 24 in the Andrews Academy Gymnasium.

The center will provide an incentive for students to get more involved in a total body fitness program throughout the year, said Douglas Newberry, physical education coordinator for the academy.

Two-thirds of the mezzanine floor in the gymnasium has been carpeted, creating an area for exercise equipment. The other third is an aerobics area with exercise mats. Students will be able to participate in aerobic exercises illustrated on new video equipment.

The exercise equipment includes a Universal Machine with 10 stations designed to exercise every part of the body. The center also has two exercycles, a rowing machine and a series of benches and free weights.

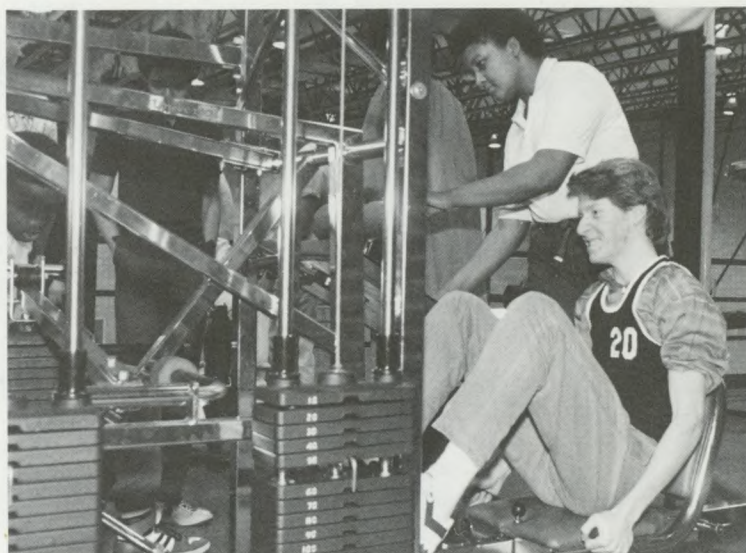
Money for the center came from contributions and fund-raising projects, said Richard Orrison, principal. The initial money came as a gift from the class of 1985. Students raised the remaining amount through projects.

Computer "Whiz Kid" Expedites Loans

The latest Whiz Kid to arrive at Andrews University will save students time and money by letting them know overnight if their Guaranteed Student Loan (GSL) applications have been accepted.

The Whiz Kid, a computer software package developed by the United Student Aid Fund (USAF), enables loan applications to be processed by telephone, according to Esther Hare, director of financial aid. This process eliminates the time-consuming mail correspondence between the loan applicant, the bank, the guaranteeing agency and the university, which has always accompanied GSL applications.

"Andrews University is the first school in Michigan to begin using this new program," said Al Grashuis, associate director of financial aid. "The Whiz Kid is so



Randy Boomsliiter and Jennifer Smith work out on the academy's new universal machine.

new, there are only a handful of universities in the nation using it."

Getting the GSL applications processed more quickly will help students avoid many service charges on outstanding school bills, keep loans they might otherwise lose, and save the university money as well.

"When it took six weeks to process the loan application many students found it hard to meet their financial obligations," Hare said. When students can't meet school expenses they often find it difficult to meet living expenses as well. The total process now takes as few as 10 days from the time a student applies for a loan, to the time the money can be put on the student's account.

Apple Valley Opens Budget Store

The Apple Valley Budget Store, offering goods from Apple Valley's bakery at discount prices, was opened Monday, Jan. 27, according to Betty Collier, Apple Valley manager.

The budget store offers all kinds of breads, pies, coffee cakes, doughnuts, rolls and cookies at discount prices. "We are encouraging schools, hospitals and other institutions to buy our goods in bulk for the same low prices," said Sam Ocampo, Apple Valley Budget Store manager.

Gymnics Tour Hawaii

The Andrews University Gymnics began their 1985-86 tour season with a four-week trip to Hawaii from Dec. 11 through Jan. 7, according to Robert Kalua, Gymnics coach and associate professor of physical education.

Forty-five students, ranging in age from eight to 26 years, are on the team, Kalua said. They are from Andrews University, Andrews Academy, Berrien Springs High School, Ruth Murdoch Elementary and the Seventh-day Adventist Church School in Berrien Springs.

The tour theme for this year is "Vibrations," Kalua said. While in Hawaii, the Gymnics gave five public performances on the islands of Maui, Kauai, Molokai and Oahu.

In addition to their performances, the Gymnics held training programs, conducted church services, participated in a health fair, and helped in a building project on the island of Kauai.

The Gymnics sold shares of "stock" to "investors" for \$5 each to help fund the trip. Shareholders received free tickets for the Gymnics home performance and a certificate of appreciation.

The Gymnics team was founded in 1959 by Dr. Gene Wilson and Coach Kalua in Loma Linda, Calif., Kalua said. The team has made its home at Andrews University since 1968.

Notables



Oystein S. LaBianca

Annual Faculty Awards Presented at Banquet

■ Two Andrews University faculty members received the annual faculty award for teaching excellence at the Board of Trustees banquet on Feb. 23.

Recipients, chosen by a committee representing the faculty, receive a cash award and will write a paper within the next year, for presentation to their colleagues, on some facet of Christian education and their suggestions on improving Andrews University.

What follows are the citations read at the presentation.

Faculty Award Presented to Oystein Sakala LaBianca (1986 Non-continuous Category)

It is a pleasure for me as a representative of my colleagues of the faculty awards committee to present this award to a scholar of international stature, a teacher of excellence, and a musician of no mean accomplishment on the string bass—Oystein Sakala LaBianca.

Sten, we present this award in recognition of:

Your skill as a classroom teacher and ability to motivate students to work harder than they thought they could.

Your ability to inspire students to do quality research.

Your strong leadership in the behavioral sciences department. With your own background of working in a hospital setting, you have helped institute a new major, health psychology, and have helped attract over 100 majors to the behavioral sciences department.

Your stature as an internation-



C. Warren Becker

ally known leader in anthropology. Every year, since 1982, you have organized workshops on Ancient Mediterranean Food Systems, bringing together scholars from many different disciplines.

Your amazing capacity to present the results of your research to the scholarly community while chairing a department, teaching, and completing a dissertation.

Sten, it is a pleasure to present this award to someone who combines scholarship with practicality; to a man who accomplishes a prodigious amount of work but who always finds time for students and colleagues; to a person, in short, who demonstrates the meaning of those three words: Christian College Teacher. (Written by Luanne J. Bauer)

Faculty Award Presented to C. Warren Becker (1986 Continuous Category)

We take great pleasure in presenting the Andrews University Faculty Teaching Award in the category of continuous appointment to one who has long merited it but who has never expected it, to one who delights in staying in the background even when he is physically in the foreground: Dr. C. Warren Becker.

Dr. Becker has become so inseparably identified with his chosen instrument that his name and "organ" are virtually synonymous in the minds of two generations of students and church members. Because he has made organ-playing a palpably religious act, listening to his performance is a spiritual expe-

rience. Using the scores of Bach, Mendelssohn and Franck as his texts he has preached to us with his music, and his message is never Becker, but always God. Always the model church musician, he has led our worship so artfully that we are unconscious of his great art, for he always plays only for the glory of God.

Not only has he served our church, but he is a respected member of the American Guild of Organists, and he is esteemed by the larger musical and religious community of southwestern Michigan, and throughout the Seventh-day Adventist denomination, being in demand as a consultant, recitalist, lecturer, and organist for various other churches.

He was the prime mover in the installation of the Pioneer Memorial Church Casavant organ, designed to his specifications, which is acknowledged to be one of the best balanced organs anywhere.

His reputation for musical scholarship is shown by the fact that he was chosen by Harold Gleason of the Eastman School of Music to co-author that definitive history and bibliography of Western music, the five volume *Music History Outlines* series, which was published by Frangipani Press in 1980.

Though he has been the mentor of many students who have gone on to become fine organists in their own right, the nature of what he teaches is such that he does not address large classes of

students; yet in a larger sense, every one of us has been touched and taught by this spirit and artistry. (Written by Robert M. Johnston)

Kit Watts Speaks at Sligo Festival of Praise

■ When Sligo Church in Takoma Park, Md., celebrated its Festival of Praise for the 15th consecutive year, it invited Kit Watts to preach for the occasion. She founded the event as a Sabbath School superintendent in 1970.

On the Sabbath before Thanksgiving everyone is invited to bring a bag of groceries to church. Food, along with cash donations and notes of thanks, are brought forward during the 30-minute processional offering. Special music and litanies, along with huge, colorful banners hung in the front of the church, help make the Sabbath memorable.

On this 15th annual celebration more than 400 bags of groceries were collected and delivered to 180 families in need.

Watts' sermon, "The Courage to Praise," focused on circumstances which often give rise to Thanksgiving: abundance, awareness, answers to prayer, and adversity. "Thanksgiving for any of these reasons is appropriate. But those who praise in spite of their adversity have taken a step of faith," Watts said. Watts served as a member of the Sligo pastoral staff from 1973 to 1978. In 1979 she became periodical librarian at James White Library.



Kit Watts celebrates the Festival of Praise at the Sligo Church.



Constantine to Exhibit Liberty Painting

■ Greg Constantine, chairman of the art department, will be one of 21 artists included in the exhibit in New York City this summer celebrating the renovation of the Statue of Liberty. All pieces will feature the Statue of Liberty.

In the fall the collection will be donated to a museum in France as a gesture of thanks to the French people for giving the Statue of Liberty to the United States.

The Osiris printmaking firm will publish limited edition prints of each of the pieces in the collection. One of each will go on permanent exhibit at the Ellis Island Museum in New York Harbor. The other prints will be sold to raise money for the Statue of Liberty.

Michael Wiist Named Manager of WAUS

■ WAUS 90.7 FM, Andrews University's non-commercial fine arts radio station, continues its public service programming under the direction of a new general manager, Michael Wiist.

Wiist's ten years of broadcasting experience include managing public radio member station KUCV FM, serving Lincoln, Nebr., and most recently, managing Adventist World Radio-Europe, an international broadcasting service operating primarily on shortwave.

Wiist replaces former station manager, Allen Steele, who moved to Agana, Guam, to build and operate a shortwave radio station for Adventist World Radio-Asia.

Leonard E. Hill Award Presented to Library Workers

Ronald Pasos, of Clinton, Mass., and Stacey Kuhlman and Sheila Lavallee, both of Berrien Springs, were honored Feb. 16 in an awards ceremony at Andrews University's James White Library for their outstanding service in the library's periodicals department.

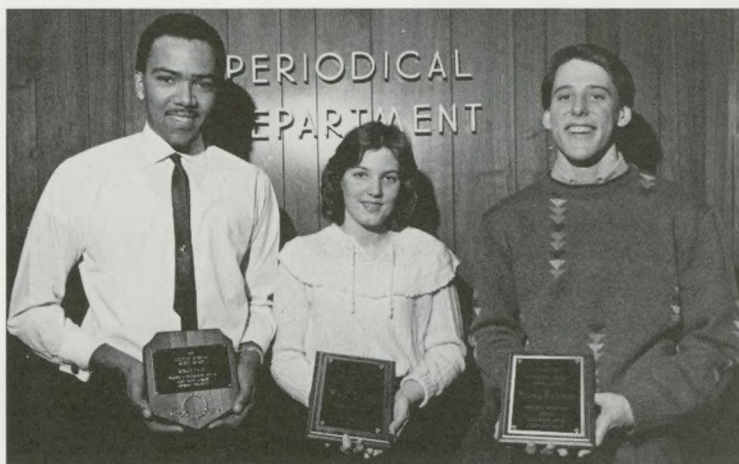
Ronald Pasos received the Student Worker Merit Award. Pasos also was awarded a plaque for his five years of service. Pasos is a senior architecture student.

Stacey Kuhlman, son of Tom and Delcy Kuhlman of Berrien

Springs, and Sheila Lavallee, daughter of Art and Shirley Lavallee of Berrien Springs, received the Leonard E. Hill Award for Outstanding Student Service. Both Kuhlman and Lavallee received a plaque and cash award for four full years of service in the periodicals department.

This is the first year the Leonard E. Hill awards have been given. They were established as a memorial fund after Hill's death in 1983.

Hill served as the periodical librarian for 18 years. "He was a man of real strategy, vision and competence," according to Kit Watts, periodical librarian. "This award continues his tradition of encouraging young people."



Ron Pasos, Sheila Lavallee and Stacey Kuhlman received library awards.



Nine students at Andrews Academy won the school's award for academic performance this year by maintaining a 3.5 grade point average for seven consecutive academic quarters. From left, standing, are: Leroy Steinbacher, Julius Nam, Mike Wutzke, Cynthia Chilson. From left, seated: Beth Osborn, Kelly Kantor, Patti Nash, Aileen Yingst. Not pictured is Michelle Bacchus.



Honored for 35 years of service: Dorothy E. Heidtke, Harold E. Heidtke and John F. Neumann.



Honored for 25 years of service: C. Roy Smith, Elaine L. Waller, Dorothy J. Hill and Shahin S. Ilter. Not pictured: Leonard N. Hare and Esther L. Hare.



Honored for 20 years of service, front row: Wilfred W. Liske, Gerhard F. Hasel, Charlene L. Vitrano, Marion J. Merchant and James E. Curry. Back row: Robert A. Wilkins, S. Clark Rowland, Robert D. Moon, Jr., and Floyd M. Kerbs. Not pictured: Mary Jane Cunningham.



Honored for 30 years of service: Virginia E. Eakley, Charles K. LaCount. Not pictured: Bruce E. Lee.

**Long-time
Employees
Honored
at Board
of Trustees
Banquet**



Honored for 15 years of service, front row: Laun L. Reinholtz, Daniel Satonica, A. Josef Greig, Russell L. Staples, Kenneth W. Cobb, John R. Pangman, Wallace Oetman, Robert M. Johnston and Robert E. Kingman. Not pictured: Jeannette Hodge, Eldon Hummel and Richard C. Sowler.

Pushing the Frontiers of Knowledge

by Kit Watts

Research is a quest for truth and such quests have been a long-standing hallmark of Seventh-day Adventists. They are exciting and costly, a painstaking business that may occupy scholars for a lifetime. For most research must surmount barriers, negotiate U-turns, and endure tedious hours in the lab, the field or at a computer terminal.

Among the scores of projects directed by Andrews University faculty, three help illustrate the vision of those who commit themselves to these rigors and—by so doing—stand on the frontiers of knowledge.

"To begin with you go out to solve a problem," says Dr. Bill Chobotar, "and while you're doing that you find three more! The search never ends." Biologist Chobotar has spent his professional life investigating the microscopic world of coccidia, a protozoan parasite related to malaria.

"Sometimes," adds Øystein LaBianca, anthropologist, "you set out to gather information to answer a particular question but the information just isn't there. In the meantime, you may discover something you weren't looking for. It can be as important as your original question or may greatly illuminate it." Since 1971 LaBianca has been a member of the Andrews University Heshbon archaeological dig. Both his master's thesis and doctoral dissertation have grown out of the bones and bricks of the ancient world.

Research may also come about by sheer accident. It did for Dr. Kermit Netteburg, associate professor of journalism, whose specialty is constitutional law.

"A former student of mine who works at the General Conference asked me to evaluate a novel marketing proposal. Not novel for J. C. Penney or H & R Block, but novel for a church. The next thing I knew my church was asking me to plunge into something I'd never dreamed of." More than two years and hundreds of research hours later, a river of computerized data flows around Netteburg from the households of 267,000 long-time Adventists in the United States and 23,870 new converts. "The significance of the analyzed data," says Netteburg, "is that it can help pastors, evangelists and church administrators find people who want to be baptized."

This is possible because information gathered on Adventists is compared with a monstrous data bank assembled from the 1980 U.S. Census. Large companies have analyzed 85 million American households and have found, among other things, that Americans live in clusters of people who are much like themselves—similar in income, age, family size, lifestyle, and use of commercial products. Between 40 and 47 distinct clusters have been identified. No matter what state or city you live in, if you belong to "cluster 26" you are probably retired, living in a mobile home community, have fewer children than average and receive a below-average income.

"Just by knowing your street address we can pinpoint which cluster you're a part of and accurately describe what you're like!" Netteburg says, his booming voice filling his cramped office. His task was to gather the addresses of "old believers" and newly baptized Adventists so that a profile could emerge portraying Adventists. With this information in hand the church can project what communities are more likely to be receptive to Adventist teaching.

Like most research projects there was a

***"Just by knowing your street address we can pinpoint which cluster you're a part of and accurately describe what you're like."
—Netteburg***

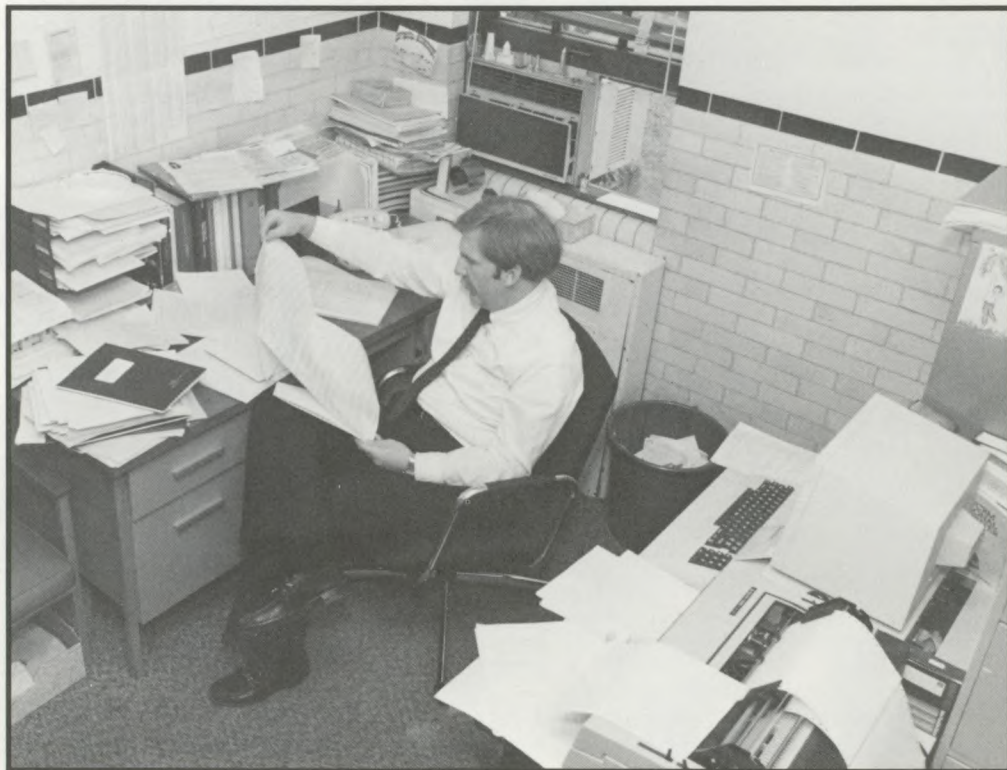
price tag; finding funds was a big hurdle. Eventually, five entities bought in—the North American Division office, its communication and education departments, and the Review and Herald and Pacific Press publishing houses. The refined proposal was whittled down from \$106,000 to \$80,000 to be paid over three years. Andrews University contributes free computer time to the research team which, besides Netteburg, includes

Bruce Wrenn and Slimen Saliba of the School of Business; Roger Dudley of the Institute of Church Ministry; and Des Cummings, Jr., of Adventist Health Systems.

More than half the money goes to buy information from the R.R. Donnelley Corporation which has not only digested the 1980 census, but updates it every six months with information from car registrations, birth records and telephone books. Some of the money helps hire contract teachers for classes Netteburg would ordinarily carry. Gathering raw data took exhausting months of effort. At times, Netteburg, his father, his wife, or his friends had to personally travel to conference offices that didn't respond to mailed requests for information and physically photocopy the necessary records. In the end, data represented 48 of the 50 conferences. Meanwhile, a team of student workers crammed data in the computer and eventually a tape was turned over to Donnelley to be "massaged" and analyzed.

Discoveries from the first wave of input? The Adventist Church is growing spectacularly among Hispanics—three or four times faster than in any other cluster. Another strong growth area is among highly mobile apartment dwellers who have below-average incomes and are mostly young, living in ethnic and urban areas.

What are the implications of the graphs and charts which the computer spews forth? "The church," Netteburg explains, "can more accurately anticipate both the problems and needs of the future." Evangelism among



In his cluttered cubicle Kermit Netteburg analyzes computerized data using marketing techniques to enhance the church's evangelistic efforts.



At the team's headquarters in Amman, Jordan, Oystein LaBianca does a "bone reading," identifying bone fragments by species, for 1973 Tell Hesbon team members Larry Geraty (standing), Julia Neuffer (recording) and Jack Bohannon.

Hispanics should be well funded for it will be productive. And the church must continue to study its money problems—for many new converts have low incomes.

A practical spin-off of the marketing research is that any pastor can, for a \$250 set-up charge and another \$25 for each zip code analyzed, find out what clusters abound in his area. People most likely to respond to Adventism can be located.

But the pastor can also identify those clusters of people who must be approached in an innovative way to meet their distinct needs. "Everybody needs the Gospel. But it may have to be presented in 47 different ways to attract people in each cluster," Netteburg said. With this research (now in its second wave of input with 1984-1985 baptismal records), the Adventist Church stands at a vantage point no other denomination has yet gained. It has put secular marketing techniques to work for the Gospel.

Rummaging Ancient Dumps

The significance of a second research project is more diffuse but it is dear to the hearts of Adventists who accept the Bible as history in a world of skeptics.

When Andrews University sent an archaeological team to Tell Heshbon in 1969, the expedition's goal was to locate the biblical city (Numbers 21:21-35) and establish the date of the Exodus. The goal could not be realized. Archaeological remains at the site go back only to the 12th, not the 15th century B.C.

But big gains have been made for biblical history which no one expected. When young Oystein LaBianca joined the team in 1971, Dr. Siegfried Horn had already made a bold decision to save and catalogue the thousands of animal bone fragments which up until then biblical archaeologists had tossed away.

"After all," says LaBianca, "what glory is there for someone to return home with a pile of broken animal bones from ancient garbage dumps? The public wanted to see household articles of Bible times like lamps, pottery, coins and inscriptions."

During the past 15 years LaBianca has become the chief interpreter of 100,000 broken animal bones—and has helped open a new field of study. Computers now go on the dig. Through computer analysis it became possible to see how bone data complements and illuminates other dig finds. The key insight is understanding how much time people once had to invest in getting food, and the sources of it. Animal bones reveal part of that food system.

"When civilization was more settled and developed, the food systems 'intensified'—orchards and vineyards were planted and tended. At those times we find more pig and chicken bones. Such animals were raised in

"Archaeologists have been preoccupied with how civilization developed, not how people coped when things fell apart." —LaBianca

villages for food consumption because there was less room for pasture and grazing animals. But when droughts ruined crops or earthquakes demolished homes, terraces and cisterns, 'abatement' occurred," LaBianca says. "People returned to nomadic ways to survive. The bones, seeds and remains of terraces can all be correlated with coins and pottery shards to expand our picture of life in Bible times."

In his soft Scandinavian accent LaBianca adds, "The amazing thing is that very few archaeologists have ever been interested in 'abatement.' They have been preoccupied with how civilization *developed*, not how people coped when things fell apart. The study of abatement has new relevance in our era when people worry about ecology and nuclear winter."

As in most scholarly pursuits, teamwork is essential. LaBianca points out that in just 15 years Adventists have moved from a position of spectatorship in biblical archaeology to leadership.

"Our dig has attracted a committed core of personnel who come back season after season. Because many of us are Adventists, we share a cohesive dedication to our field work. More importantly, we have followed up with analysis. Analysis takes place *after* the dig when you write reports. Other dig teams tend to disperse. Our bond of fellowship has kept us together."

The result is astounding. More than 60 dig members have produced 200 monographs, published and unpublished articles, chapters in books, or have made presentations about their theories and finds in scholarly meetings. LaBianca himself has written more than 15 articles. He has also organized symposiums on ancient food systems which have attracted international attention at the annual meetings of the Society of Biblical Literature—all this even before he has completed his dissertation at Brandeis University on the same topic.

In 1984 the Andrews University team began a new dig at Tell el-Umeiri just a few miles from Heshbon. Tried and true techniques perfected at Heshbon brought dramatic results in the first Umeiri season. One is the discovery of 25 sites which have become known as "Isaiah's farms."

They illustrate a description in Isaiah 5 of vineyards located on fertile hillsides cleared of stones, planted with choice vines, having a winepress dug nearby and, standing over all, a watchtower. The discovery is amazing, considering that thousands of years of erosion and repeated occupations and alterations by nomads and settled farmers would be expected to have erased them.

Isaiah's farms would never have been found if the team, guided by LaBianca, had not been doing "regional surveys" of the landscape in addition to digging at the tell. Regional surveys are a technique developed specifically to detect evidence of food systems. Needless to say, although LaBianca may complete his dissertation this summer, it will not quench his curiosity about what awaits Adventist archaeologists in their continued quest for Bible history.

Pursuing Parasites

Bill Chobotar's research focuses on another favorite Adventist theme, the mysteries of the natural world. Though he wasn't born with a microscope in his hand, Chobotar was born inquisitive, pestering with questions like "How does a butterfly sleep?"

With his parents he lived in a log cabin in Manitoba and recalls an almost Lincolnesque upbringing—learning to read by fire and lamplight; watching his mother improvise a simple spinning mechanism to transform homegrown wool into yarn and then knit it into sweaters; helping to split wood and make soap.

"From my parents I learned perseverance," he says. The lesson stood him well as he embarked on a lifetime specialty in parasitological research. A high school course sparked his interest in biology. The interest flamed to life during a two-quarter class in parasitology he took from Beatrice Emery as an undergraduate at Walla Walla College. Chobotar marched single-mindedly through an M.A. and Ph.D., at every step giving hot pursuit to coccidia. During the 18 years since, he has continued his study of parasites which



In June 1984 Oystein LaBianca (right) leads a regional survey team to a biblical farmstead in the vicinity of Tell el Umeiri, Jordan.

infect mammals. In the process he has helped discover eight or ten new species and two are named for him—from the racoon, *Isopora chobotari*, and from the kangaroo mouse, *Eimeria chobotari*.

Parasites infect all mammals but the effect upon livestock, which costs the agricultural business millions of dollars a year, is of particular concern. How can these losses be reduced or eliminated? Chobotar's research will move science toward answering that question.

He likens the research process to understanding a tree by examining it a twig at a time. "My research is just one tiny twig of progress. But when all the twigs and branches are identified we hope to know how to protect animals and humans against parasite infestation." There is much to learn. For example, how many parasites are there? What is their life cycle? How do they invade a "host" cell, etc?

One twig Chobotar is examining is the way a parasite breaks into a cell. Does it "recognize" certain parts of a cell that are most vulnerable? Does it pierce the cell membrane, or does it indent it so deeply that

"My research is just one tiny twig of progress. But when all the twigs and branches are identified, we hope to know how to protect animals and humans against parasite infestation." —Chobotar

the cell finally envelops the parasite with an intact membrane? How does the parasite—which may ultimately destroy its host—induce it to provide such a comfortable, friendly environment for its enemy?

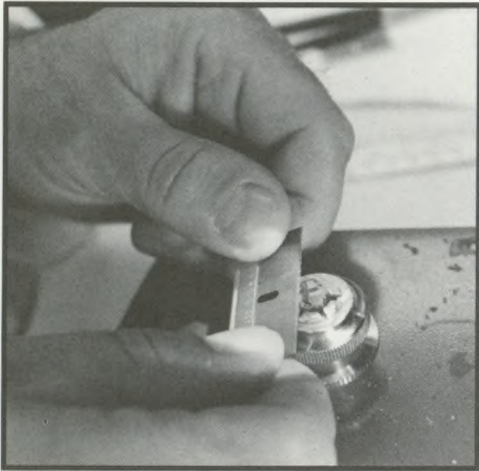
To find out, Chobotar has been back and forth to Germany numerous times to collaborate his research with Dr. Erich Scholtyseck. Scholtyseck first invited Chobotar to join him in such projects when he attended Chobotar's doctoral dissertation defense in 1968.

"It's tedious work," Chobotar says, digging his hands deep into his blue lab coat. "Fourteen-hour days at the bench when we are together!" But they and their colleagues' work has resulted in more than 60 publications in scholarly journals, all of them carrying such pithy titles as "Ultrastructure of Macrogametogenesis and Formation of the Oocyst Wall of *Eimeria Papillata* in *Mus Musculus*."

Beyond that, Chobotar writes book reviews, referees manuscripts submitted to several journals, has written a chapter in the book *The Biology of the Coccidia*, and has been invited to speak at meetings such as the International Congress of Protozoology which met in Nairobi, Kenya, in June 1985. Most recently he was appointed to the editorial board of a well-known journal in his field, *Zeitschrift fur Parasitenkunde*.

Another exciting twig of research began in 1981 when Chobotar joined a research project with Dr. H. D. Danforth of the United States Department of Agriculture's Animal Parasitology Institute.

With Danforth he employs a revolutionary technique in immunological research developed by two 1984 Nobel prize winners, Georges Kohler and Cesar Milstein. It is called "hybridoma technology." The complex process involves isolating certain cells from mice, cloning them, and reproducing them in large quantities. The object is to produce "monoclonal antibodies" which can be tested individually for effectiveness in controlling coccidia. Finding the antigen responsible for inducing production of each monoclonal antibody would allow that antigen to be used as a test vaccine. In other words, means are being sought to protect animals from invading coccidia. Humans, which are susceptible to more than 100 kinds of coccidia, will also benefit from this research.



Financing Faculty Research

Learning about the unknown is costly. This year, for example, Chobotar's budget for monoclonal research is \$11,541; of that Andrews University will fund \$2,941 or about 25%, while USDA will underwrite the rest.

Andrews University devotes almost \$40,000 per year of its annual budget to faculty research. "It's just peanuts," admits Dr. Robert Firth who heads the Office of Scholarly Research and Publications. "Some universities have a whole office staff who coach the faculty in writing grant proposals. They bring in millions of outside dollars. Still, our little grants provide some seed money. Faculty get started who might not otherwise have the chance."

Why spend the money? The time? The creative energy? What does research do for faculty and students, for the university and the church?

"It keeps faculty from growing stagnant," Firth believes. "You can get lazy and lecture from the same old notes you wrote 20 years ago. But if you're immersed in research you're more alive professionally and in the classroom."

"I could learn science by reading, I suppose," says Chobotar. "But in research I am *doing* science. It's like the difference

In the electron microscopy preparation room (below), Bill Chobotar trims plastic embedded tissue blocks (above) for study with the electron microscope. Magnified 1,200 times, the photo at the right shows infected host tissue with areas of erosion.

between reading about ball and playing ball. I get in on the excitement! Doing science adds luster to my teaching. It makes me a better teacher. It keeps me current." For example, when students recently wanted to know more about AIDS research, Chobotar picked up the telephone and called a friend at the Center for Disease Control in Atlanta. "Five minutes later I reported the *latest* in my class!"

Netteburg acknowledges, "My research both takes away and gives to my students. But in the long run I think it gives more than it takes. I'm on the 90% salary plan so I'm not

"It's just peanuts . . . Still, our little grants provide some seed money. Faculty get started who might not otherwise have the chance." —Firth

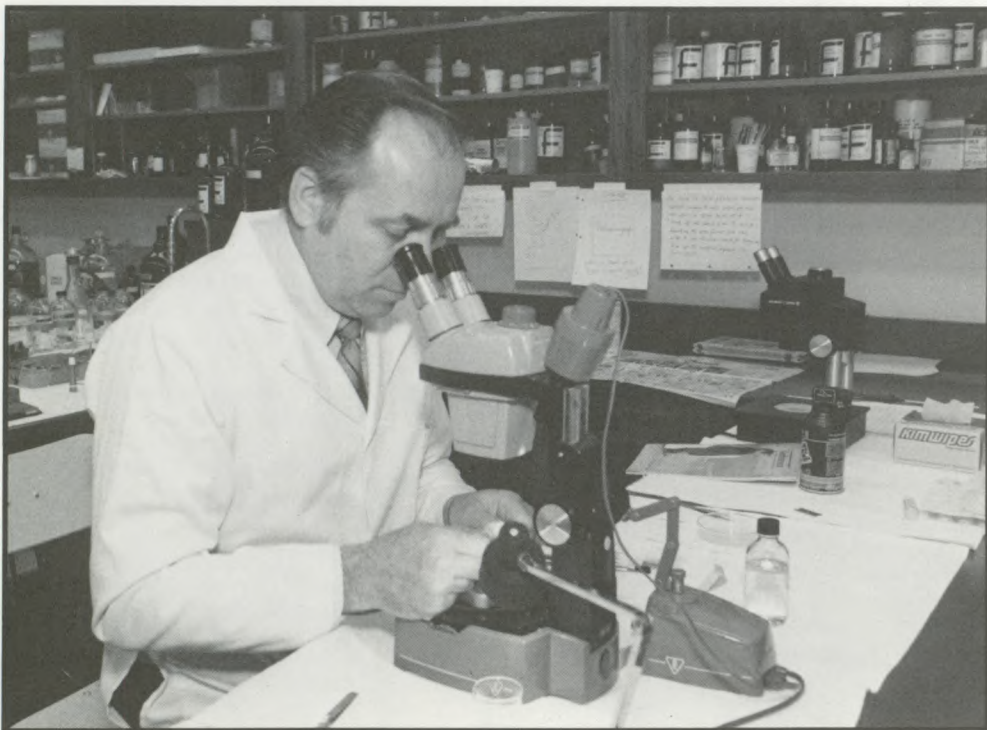
teaching all my classes. But the contract teachers who come in give my students new points of view they would have missed by having only me teach their six or eight classes as public relations majors."

More than that, his research has put Adventism on the frontiers of new information. "No other denomination in the United States has attempted a self-marketing project like ours. When I called the Baptists, hoping that they had already experimented with this idea, they listened to my description of the proposal and then said, 'When can you do that for us?'"

Research also builds bridges of understanding for the church. Early in his teaching career Chobotar attended meetings at a nearby university but sensed some teachers were distant and wary of him. Later, he invited these parasitologists to present topics at Andrews and has watched delightedly as an atmosphere of respect and friendship has blossomed. "Scholars who get to know Andrews scientists gain a respect for Adventists they might never have had otherwise," he reflected.

Whether the quest for truth is conducted with an electron microscope, a pick and spade, or by amassing millions of bits of computerized data, it may demand an expertise gained only in a lifetime. But the payoffs are great. Research has excitement. It leads to excellence. It infects teachers and their students with the joy of discovery. As Ellen White once suggested, this is the joy of being creatures with a kinship to a Creator who has endowed them with the power to think and to do. Research is Adventism at its best.

Kit Watts, MA '80, is periodical librarian at James White Library, Andrews University.



Faculty Research Projects by Jane Thayer

Since 1977 Andrews University's Office of Scholarly Research and Publications has annually awarded internal grants to its faculty for research and development projects. The awards are made by an anonymous team of peers on the basis of formally submitted proposals.

The funding limit for any single project is \$3,000. During the 1985-1986 school year, \$39,000 was awarded. In February the Board of Trustees approved the concept of a campaign to raise ten million dollars for an endowed fund. One tenth of the income generated by this endowment will be allocated for faculty research.

The following list, which summarizes research funded by Andrews University internal grants and various external grants, is classified arbitrarily by the departments in which the teachers are employed and not necessarily by the subjects of their research.

The variety of the research reflects the scope of the intellectual pursuits being made on this university campus. A strong commitment to the mission of the Seventh-day Adventist church and the influence of its teachings can be seen in many of the projects.

Art

"Visual Research, Exhibiting and Publishing" — Greg Constantine

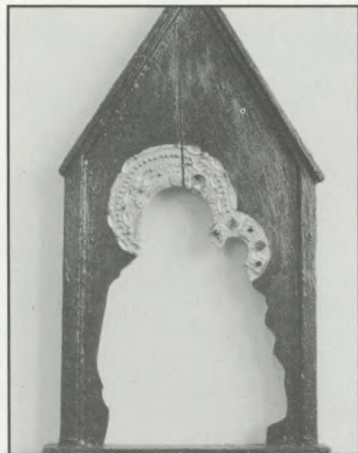
In September Constantine attended opening receptions in Los Angeles and New York for the exhibitions of *Leonardo Visits Los Angeles* drawings, making contacts with art dealers and publishers.

The seventy drawings for his new book *Picasso Visits Chicago* have been completed, and Chicago Review Books has contracted to publish the book.

Constantine is also working on a series of drawings and paintings which deal with the life of Christ between the ages of 13 and 30. The series is a bold attempt to allegorize Christ's life in a modern setting in New York City. One of the drawings has been purchased by Pacific Press Publishing Association for its new publication *Adventist Perspectives*.

"Developmental Researching of Perceptions in Painting" — Rhonda Root

Root is attempting to make contemporary statements with renaissance icons, especially altar pieces and tryptics. Beginning with old boards, Root builds a typical icon, but removes one essential part. For example, with a sabre saw, she will cut out the madonna or Christ figure. What remains are only the surrounding, supporting details—the halo, the jewels, the background. Bold, garish colors jolt the viewer into a modern setting. Interpretations of the pieces vary widely depending on the viewer's perception.



Rhonda Root's "My Madonna Is Missing," acrylic on wood.

Behavioral Sciences and Technology Education

"Assessment of Opportunities in the Wellness Industry" — Oystein LaBianca and Donald May

LaBianca and May are making an analysis of the emerging market for health promoters and wellness counselors. What kinds of new jobs are opening in these areas? What training and preparation will make Andrews students more marketable in the wellness industry?

During visits to the Loma Linda University Center for Health Promotion and the University of Wisconsin-Stevens Point, which serves as a clearinghouse for information on health promotion and ways to set up "wellness" programs, LaBianca has collected data to be used in curriculum planning.

In visits to a number of Adventist and non-Adventist health facilities throughout the nation, May has investigated work opportunities for media technology students with skills in photography, multi-image, graphic arts and design.

Biology

"Chemical Composition of Skeletal Patterns in Brachiopods" — William Hughes

Hughes' research has focused on the structural and chemical periodicities found in the accretionary skeletons of marine invertebrates, such as brachiopods and bivalve clams. The skeletal patterns, similar to tree rings, provide a record of the environmental conditions experienced by the organism. Recently, Hughes has attempted to establish the environmental and temporal significance of skeletal patterns in the shell of the extant brachiopod, *Terebratalia transversa*. During the past five summers Hughes and his colleagues have conducted field research on *T. transversa* at the Rosario Beach Marine Biological Station near Anacortes, Wash. During the regular school year,



Illustration from Dennis Woodland's textbook manuscript.

specimens and data are analyzed on the Andrews University campus using the scanning electron microscope and microcomputer facilities.

Over the past seven years, this project has received grants totaling more than \$26,000 from Andrews University, the Geoscience Research Institute and the National Science Foundation.

Articles related to invertebrate skeletal patterns have been published in the *Journal of Paleontology*, *Paleobiology*, *Nature* and *Geophysical Surveys*. Additionally, oral presentations have been made at the Geological Society of America and at the recent Carnegie Institution Conference on Biomineralization and the Fossil Record.

"The Roles of Single Nerve Cells in Acoustic Orientation" — John Stout

For three years Stout has been conducting research on the roles of individual acoustic nerve cells in the recognition of a male cricket's call for female crickets. A procedure was developed by which single acoustic nerve cells could be marked for later microscopic identification, killed and the female cricket's behavioral response to models of the male's call compared before and after killing these cells. The results of these studies have contradicted conclusions of other scientists and led to an invitation to work in the foremost laboratory in the world in this area to resolve some of the differences that have developed.

Marking and killing a specific nerve cell and showing behavioral changes resulting from the loss of that one cell have increased researchers' ability to evaluate the role that a single neuron plays in controlling the animal's behavioral response. Stout's research is the first to have accomplished this in animals that are allowed to freely move and behave normally.

This research is supported by a three-year \$130,000 grant from the National Science Foundation.

"Contemporary Plant Systematics" — Dennis Woodland

Since World War II, the field of plant systematics has undergone a rapid change from being more of a natural history descriptive botanical science to including highly experimental techniques from the disciplines of genetics, ecology, chemistry and computer science. A survey of the basic university texts used today in plant systematic courses reveals that their content is primarily descriptive natural history botany with little contemporary experimental information.

Discussions with leading botanists in North America and England have encouraged Woodland to take the necessary research to prepare a text that will blend the traditional and contemporary information.

Woodland has gathered information at the Royal Botanic Garden, Kew, England, which houses the finest botanical library in the world and where 50,000 living plants are grown and a collection of over 6,000,000 botanical specimens is maintained. A professional artist has been contracted to make the necessary preliminary illustrations. The manuscript text is in the hands of an international collegiate textbook publisher.

Business

"Proposal for a Journal Devoted to SDA Business" — Malcolm Russell

Despite the fact that the Seventh-day Adventist Church is effectively a multi-million dollar operation with assets worth billions, there is no convenient publication that centers on the denominational business ideals, goals and practices. Moreover, the specialized nature of denominational business means that these activities receive almost no attention from general business magazines and only passing reference from the church periodicals and independent journals. Therefore, Russell is investigating the potential for a journal devoted to Adventist business.

Chemistry

"Regulation of Fatty Acid Biosynthesis by Physical Exercise" — Ralph Scorpio

The regulation of fatty acid biosynthesis by physical training has not been as thoroughly documented as regulation by diet. Because of the growing public participation in aerobic activities such as jogging, swimming and cycling, there is keen interest in the effects of physical exercise on various aspects of lipid metabolism. Scorpio has measured the hepatic fatty acid biosynthesis activity in rats. He has also measured the specific activity of acetyl coenzyme A carboxylase, which is reputed to be the rate-limiting enzyme in the overall process of fatty acid biosynthesis.

In comparisons made between rats exercised by swimming and nonexercised controls, Scorpio has found that exercise inhibits both the fatty acid biosynthesis and acetyl coenzyme A activities. The report of his findings generated 99 report requests from 15 different countries, one fourth of which are Communist block countries. Such a response indicates growing world-wide interest in exercise as an effective means of controlling body fat mass. The purpose of his continuing research is to describe the molecular mechanisms by which exercise inhibits fatty acid biosynthesis.

Church and Ministry

"The Use of Video Recording in the Teaching of Preaching" — Steven Vitrano

At the annual meetings of the American Academy of Homiletics, questions frequently arise about the use and effectiveness of video recording in the teaching of preaching. Vitrano is collecting data by library research, questionnaires, personal contacts, interviews and visits to teaching centers to determine how effectively video recordings are being used to teach skills required in preaching.

Communication

"An Analysis of the Values in Prime-time Television Programs" — Kermit Netteburg

After special instruction in values, 38 students in Introduction to Mass Communication content-analyzed a week of prime-time programming that had been videotaped during October 1985. All three networks were included in the study. Each program was analyzed to see which of Rokeach's 18 terminal and 18 instrumental values were present. The purpose of the research was to determine which values dominate programs of the three networks.

Of the 36 values, the least frequently mentioned—whether positively or negatively—was salvation. According to Netteburg, television is teaching that religion is irrelevant. That fact has implications for revival and evangelism. The conclusions are being written up for publication in appropriate journals.

Curriculum and Instruction

"Preliminary Research for a Curriculum Foundations Textbook" — E. Stanley Chace

Chace is gathering data to develop a curriculum foundations textbook which incorporates the concept of integration of faith and learning, which does not presuppose a background in curriculum, and which contains a minimum of educational jargon. Requests have come to him from both members of the Professors of Curriculum (an invitational profes-

sional organization) and instructors in other Christian colleges for information about such a textbook or assistance in developing one. Graduate student Steve Mauro, working as a research assistant, has developed a matrix for existing textbooks to determine common components.

Educational and Counseling Psychology

"Construct Validity of the Choyowski Comprehensive Inventory of Aggressiveness" — Robert Cruise

Cruise is working with Mieczyslaw Choyowski, professor of psychological research at the Universidad Pedagogica Nacional in Mexico and author of the *Comprehensive Inventory of Aggressiveness*, to determine the inventory's theoretical (construct) validity by comparing it with the *Temperament Inventory* (Spanish translation, Cruise & Blichington, 1977) and Strelau's *Pavlovian Temperament Inventory* for 1800 subjects in Mexico.

"Ten-year Follow-up Study of Student Missionaries" — Donna Habenicht

From 1975 to 1976 a group of 150 Seventh-day Adventist college students who served as student missionaries were studied, using data collected before and after overseas service. Many questions remain unanswered relating to the impact of overseas experience on their life as young adults. This ten-year follow-up study attempts to answer questions relating to personality development, attitudes toward religious, mission and cultural concepts, and significant life experiences during the ten years following overseas service. A group of individuals who are generational contemporaries of the student missionaries, but who have never lived overseas, is being used as a reference group. This study will add to the church's

understanding of the impact of foreign missionary experience on students during the formative college years.

English

"Computerization of the Writings of Nathaniel Hawthorne" — Merlene Ogden

The goal of this project is to create a major research tool by developing complete word concordances for the major works of Nathaniel Hawthorne. Each work is entered into the computer, which indexes every word by page and line number. Three of Hawthorne's books, *The Scarlet Letter*, *The House of Seven Gables*, and *The Blithedale Romance* have been entered into the computer and concordances have been created, but they have not yet been released. Other works are in the process of being entered. The computer programming for this project is being done by Clifton Keller.

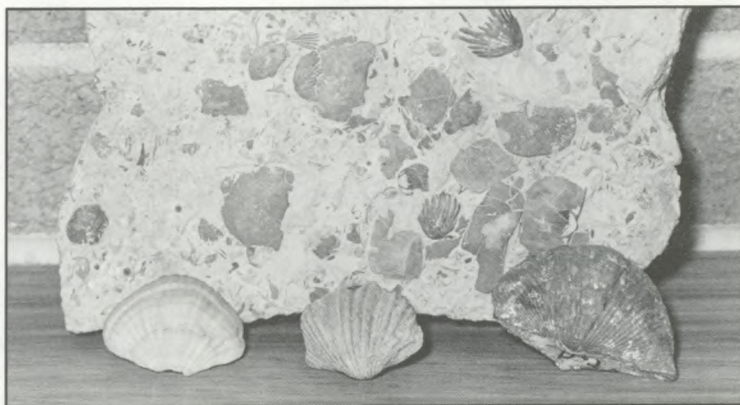
Negotiations are underway with copyright-holding publishers to determine whether the concordances will be distributed in printed form or on computer disk. A previous collaboration by Ogden and Keller to computerize Thoreau's *Walden* resulted in publication of their index by Garland

Publishing Company and opened several avenues of scholarly research at Andrews related to Thoreau's work.

"Data Gathering for a Critical Work on the Short Stories of Flannery O'Connor" — Joyce Rochat

To obtain primary source information for a critical work on the short stories of Flannery O'Connor, Rochat spent three weeks in Milledgeville, Georgia, the home town of O'Connor. O'Connor was a major short story writer and consecrated Christian woman whose writings are moral, ethical or spiritual sermons with a message to Christians who are beset with specific weaknesses and sins. Rochat talked by phone with O'Connor's 92 year old mother, who no longer receives visitors. She visited the author's home — the peacock farm — and interviewed many people who knew O'Connor and her family. While examining O'Connors' personal library, which is now housed in the library at Georgia College, Rochat was able to locate sources for ideas in some of the short stories.

In her critical work Rochat will present one specific short story as the key to unlock the meaning and interpretation of all O'Connor's stories. As she explicates various short stories, she hopes to substantiate her thesis.



Brachiopods, or lamp shells, used in William Hughes' study of marine invertebrates (above).

Joyce Rochat at the "peacock farm" of writer Flannery O'Connor (left).



History

"Examination of Documents Held by the Bundesarchiv-Militararchiv" — Terrel Gottschall

To fill a significant gap in the bibliography of German naval history, Gottschall is researching the life and career of Otto Von Diederich (1843-1918), an officer of the Royal Prussian and Imperial German navies. Diederich's career encompassed the period of Germany's rise from a European to a world power.

From the Bundesarchiv-Militararchiv in Freiburg, Germany, Gottschall this past summer collected 2,000 frames of microfilm and 3,000 photocopied documents written in the cursive form of German *Fraktur*. His first task is to transcribe the old German script into typewritten form and then translate it into English. He preceded his visit to Freiburg by participation in a two-week seminar at Moravian Archives, Bethlehem, Pa., to improve his skills in reading German script.

Home Economics

"Bone Mineral Density and Calcium Requirements" — Fonda Chaffee and Alice Marsh

Very few areas of nutrition research are more active today than age-related osteoporosis. Andrews University faculty have presented significant research in this area of study in both professional meetings and journals. Three areas of study are active at Andrews University: 1) the relations of diet to loss of bone mineral upon aging, 2) other lifestyle factors that affect bone mineralization and its loss, and 3) the influence of the amount and type of protein upon bone mineral and aging. Research of this nature aids in establishing the future recommended dietary allowances (RDA) for calcium. These recommendations, which were scheduled for revision in 1985, are now overdue.

Continuing nearly nine years of research, Chaffee and Marsh are collecting data on lifestyle factors, on self-selected lacto-ovo-vegetarian diets and on children. At the annual Adventist Retirees convention held this May at Union College, bone mineral density tests were given by photon-absorptiometry to lacto-ovo-vegetarians who volunteered for the non-invasive procedure. Literature search is being continued for more complete bibliographical data.

Home Economics and Chemistry

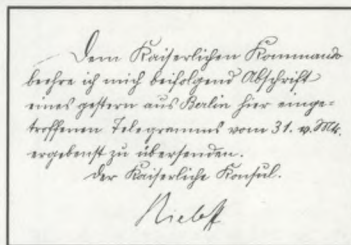
"Interaction of Dietary Caffeine and Alcohol Consumption in Rats" — Patricia Mutch and Ralph Scorpio

Much research interest has been focused on the various factors which



X-ray diffractometer used in Clark Rowland's research (above).

A sample of the cursive form of German *Fraktur* being translated by Terrel Gottschall (right).



lead to alcoholism. No single theory is adequate to explain all cases, but biochemists theorize that altered neurotransmitter pathways in the brain, or biosynthesis of endogenous morphine-like alkaloids in the brain are perhaps responsible for the genetic susceptibility of some to alcohol dependence. Caffeine is an excitatory drug which also alters brain biochemistry. Mutch and Scorpio hypothesize that caffeine may enhance the genetic defect or in some manner increase "appetite" and subsequent dependence on alcohol. Their theories are novel at this time, although their observations that large doses of caffeine increase alcohol intake in certain rats parallel reports made by others. No other research group, however, is presently attempting to elucidate the biochemical-genetic interaction between these two drugs.

The purpose of this research, which began in 1979, is to study the effects of physiologic and pharmacologic levels of caffeine on rats relative to voluntary ethanol consumption, brain neurotransmitter and endogenous alkaloid patterns.

Institute of Church Ministry

"An Analysis of New SDA Churches in the North American Division" — Staff

Conferences were asked to provide the names of churches that have been organized within the last seven years. A questionnaire was sent to the head elder of each of these churches; 220 churches returned usable questionnaires. An analysis is being done to discover what factors distinguish

successful attempts at church planning from unsuccessful ones. The study is being funded by a grant from the North American Division.

"A Study of the Retention of Youth in the Seventh-day Adventist Church in North America" — Staff

How many youth is the church losing? What factors are related to the retention of the youth? A longitudinal study has just been launched to survey and then track a group of 15- and 16-year-old youth for a period of ten years. Variables to be considered are education, family, church activity, attitudes and beliefs. It is anticipated that reports will be produced yearly, with a final report at the end of the ten-year period. This study is funded by the North American Division of Seventh-day Adventists through its departments of education and church ministries.

"A Study of the Usage of Alcohol and Narcotic Drugs by Seventh-day Adventist Youth in North America" — Staff

In this study 73 churches were selected by stratified random methods from the churches in the North American Division, and all young people between the ages of 13 and 24 in these churches were asked to complete a survey on frequency of past and present use of ten drug categories. Drug usage is being correlated with other variables, such as reasons for using drugs, reasons for not using drugs, religious experiences, perceptions of church and family and demographic items. The full report should be ready by early summer 1986.

"A Study of the Attitudes of Hispanic Youth in the Seventh-day Adventist Church" — Staff

From a list of Hispanic churches in the United States, 40 were proportionately selected. In each church teen-agers were encouraged to fill out the survey. The purpose of the study is to find how positive or negative the Hispanic youth are toward the church and to correlate this with other factors, especially those having to do with bridging cultural differences. This study, which should be finished by the autumn of 1986, is being funded by a grant from the General Conference Office of Human Relations.

New Testament

"Complete the Preparation of Two Volumes of *Les oeuvres de Philon d'Alexandrie*" — Abraham Terian

Several years ago Terian was asked by the Sources Chretiennes in Lyon, France, to prepare two volumes which will complete the French edition of the works of Philo of Alexandria, the most prolific Jewish scholar in the time of Jesus. With the publication of these remaining volumes, the scholarly community will have the first complete edition of the works of Philo in any language. Philo's writings constitute the most important extra-biblical source for the study of the New Testament.

Most of Philo's works survive in Greek. In the sixth century some of his works were translated into Armenian. Subsequently, several of the original Greek manuscripts, from which Armenian translations were made, were lost. Because Terian is considered the world authority on classical Armenian, he was asked to make the text translations into French and to provide accompanying notes for the surviving Armenian translations. This present grant provided for final manuscript preparation.

Nursing

"Credentialing the CHT Evaluation System" — Constance Tiffany

Tiffany has designed and copyrighted the CHT Job Evaluation System, which measures both work-related values and opinions about paid work. The system consists of the Work Values Opinionnaire, the Quantitative Job Content Evaluation Chart and a set of work sheets. Its purposes are to determine if pay equity exists within a specific organization and to provide a means for initiating pay equity.

With the help of graduate assistants, Tiffany is collecting, processing and evaluating data to determine the reliability and validity of the system. Data are collected at organizations related to the concerns of nursing, a profession composed of 97 percent women.

Physics

"Structural Studies of Amorphous Semiconductor—Metal Alloys"—Clark Rowland

The understanding of the atomic level structure of Germanium-chalcogen-metal amorphous systems is necessary for significant advances in theoretical studies. Sir Neville Motta, a recent recipient of the Nobel prize in physics, has indicated his dependence on such work for his theoretical studies. The Japanese government has decided to concentrate its solar energy conversion research on amorphous semiconductors. It is likely that the level of future technological advancement in this area will be directly related to the fundamental understanding of amorphous materials.

Rowland, in consultation with Robert Buschert of Goshen College, Gordon Knapp of Argonne National Laboratory and Arthur Bienenstock of Stanford University, is developing a tool which will allow experimental testing of structural models to a degree not previously possible.

Theological

Seminary—General

Biblical Research Institute Committee

Sponsored by the Biblical Research Institute of the General Conference, this group, consisting of about 50 members, is drawn from the faculties of the North American SDA colleges and universities and scholars in overseas divisions. It meets twice a year to discuss Institute project papers generated within the group or submitted by others. The Andrews members are Samuele Bacchiocchi, Ivan T. Blazen, Raoul Dederen, Elly H. Economou, Gerhard Hasel, Miroslav Kis, W. Richard Leshner and William H. Shea.

Daniel and Revelation Committee

This ad hoc committee was set up in 1980 by the Biblical Research Institute to study issues related to the two prophetic books Daniel and Revelation and also the books of Leviticus and Hebrews. The Andrews members serving on this committee are W. Richard Leshner—chairman, Ivan T. Blazen, Raoul Dederen, Gerhard Hasel, Hans K. LaRondelle, C. Mervyn Maxwell, William H. Shea and Kenneth Strand.

Commentary Reference Series, Vol. XI

The Biblical Research Institute and the Review and Herald Publishing Association are sponsoring a joint project to publish an in-depth study of the doctrinal beliefs held by Seventh-day Adventists. Andrews faculty writing essays for this volume are Carl Coffman, Christian behavior/life-style; Raoul Dederen, Christ;

atonement/resurrection; Walter Douglas, ordinances: baptism, footwashing, Lord's supper; Gerhard Hasel, creation; Robert Johnston, God: trinity; Hans K. LaRondelle, justification/sanctification; W. Richard Leshner, conversion: faith, repentance, confession, regeneration; Gottfried Oosterwal, stewardship; William H. Shea, final judgment; and Kenneth Strand, Sabbath.

Teacher Education

"Preparation of Versabril Tapes from Microcomputer Disks"—Clifton Keller

The procedures developed in this project are designed to convert textual materials on microcomputer diskettes to be readable in grade II braille using a Versabril machine. A pilot project converted *Steps to Christ* to IBM diskette and then to capitalized grade I braille. Its conversion to grade II braille in upper and lower case braille will make such material more usable by the braille reader.

Keller is studying ways to convert textual materials to machine code that tells a Versabril machine how to design braille characters. Because it is possible to go directly from the magnetic tapes used to drive typesetting machines to computer diskettes and finally to braille, this process has potential for bringing to the blind more books, including indices and other features that traditionally-prepared braille books usually omit.

World Mission

"The SDA Church in Marxist Society"—Gottfried Oosterwal

In the years to come, the Adventist mission in Latin America, Africa, Asia and much of Europe will be a mission to people who are strongly influenced by Marxist ideology and the expectations it raises. Already, in some of these countries, large numbers of Adventist believers are leaving the church to join Marxist-inspired associations.

Oosterwal's goal is to assist the church in finding the right attitude, the right relationship and the right way of communicating the gospel to people within a Marxist society. He is currently negotiating details of a scholarly invitation to present three lectures during a six-week study session this fall at the Fritz Mehring Institute of the University of Leipzig, East Germany. This institute is the international center for Marxist studies and dialogue among Marxist leaders. To the present time, no non-Marxist scholars from the West have been permitted to attend the institute.

Jane Thayer is director of public relations at Andrews University.

Alumni Speak About Their Research Experience at Andrews

"I discovered that research is a painstaking, step-by-step process from start to finish. . . . One should always be prepared for criticism and willing to use the criticism for the good of the research."

Dwight Romulo Valdez, Manchester, NH

Clinical-dispensing audiologist; returning to graduate school for Ph.D. in audiology this fall

"A close working relationship with professors gave me role models, a strong sense of ethics, access to their professional libraries and the impression that research makes an impact."

Duane C. McBride, Miami, Fla.

Research associate professor, School of Medicine, University of Miami

"I gained experience [at Andrews] that I was able to present to people at the Upjohn Company to convince them that I could be of value to the company."

Geoffrey Gerard, Kalamazoo, Mich.

Medical research associate, infectious diseases, the Upjohn Company

"Actual hands-on experience became part of my training. It also resulted (actually, will result) in a publication and a presentation."

David Bolton, Tallahassee, Fla.

Ph.D. student at Florida State University

"From my research experiences at Andrews I gained an enthusiasm for research that has not abated since leaving that institution. It's been good for me professionally and also good for the institutions I serve."

P. John Williams, Harare, Zimbabwe

Lecturer, Teachers College

"I gained a first-hand introduction to some of the logistical and also purely mechanical difficulties involved in research."

Mark Pendleton, Angwin, Calif.

One year appointment as instructor in history at Pacific Union College; working toward a Ph.D. in history at the University of Wisconsin

"The experience of working in a lab that was doing good research opened a wide door for me professionally. I have presently changed areas of research, but the initial exposure was very necessary to my current work. The experience I gained on the electron microscope at Andrews was a very important training that is rarely allowed undergraduates at most universities."

Keith Snyder, Pullman, Wash.

Will receive a Ph.D. from Washington State University in June; researching behavioral neurophysiology and central nervous system regeneration

"The honors research I did at A.U. was truly a positive factor in my obtaining a research job directly after graduation. I am very glad that students at A.U. have the opportunity to work with faculty members on research projects and broaden the horizons of knowledge beyond just the classroom walls."

Karen Drew, Columbus, Ohio

Research dietitian at Worthington Foods, Inc.

"When I received your request for information, I decided to provide you with a more detailed response for two reasons. The first clearly reflects my bias that research is a critical element in the academic mission of any university. The second, and perhaps more important, reason for my writing is my belief that the success that I have obtained as a researcher in my field is related to the undergraduate foundation that was laid at Andrews University." [Copies of the two-page letter have been sent to the faculty members whom he cited for their contribution to his research skills development.]

Gary M. Burlingame, Provo, Utah

Assistant professor of psychology, core faculty, Comprehensive Clinic, Brigham Young University

1986 Alumni Homecoming

Salad Supper Get-together

by Elizabeth Corrothers

Some slogans, though no longer truly relevant, still arouse a strong emotional response.

One example is "Remember the Alamo."

Another is "Remember the orange jello and cottage cheese!"

Remember the orange jello and cottage cheese?

Yes, according to Betty Garber, BA '35 MA '63. Members of Pioneer Memorial Church's social committee need only hear those few words to not only break into laughter, but burst into action. The result is the very popular and successful Alumni Weekend Salad Supper.

As sponsor of the annual event, the church social committee serves up 40 gallons of punch, 45 dozen rolls and a wide assortment of salads to some 650 to 700 persons. Food is plentiful and the variety is great.

However, this was not the case when the supper was first held about 15 years ago. At that time, no one knew just how to contact the area alumni and ask them to bring salads. As social committee chairman, Mrs. Garber asked her husband Edward, then vice-president for finance at Andrews, to bring home a computer list of all alumni in the local area. She had expected a workable list of graduates; what she got was a huge box containing the names of all those persons in the area who had ever attended Andrews University.

"There were hundreds and hundreds of names," Mrs. Garber remembers, "so I waded through them and mailed out about 150 cards suggesting that people bring salads."

Mrs. Garber and her committee were unprepared for the popularity of the Salad

Supper that first year. Some 400 persons attended the event, which was then held in the Ruth Murdoch Elementary School Cafeterium.

"As more and more people came, I sent my husband to the Andrews cafeteria to scrounge up more food," Mrs. Garber explains. What he brought back was orange jello, cottage cheese and potato chips.

Chuckling, Mrs. Garber is quick to emphasize that "everybody got something to eat, but the person at the end of the line really saw plenty of orange jello."

The next year, with their battle cry "Remember the orange jello and cottage cheese!" in mind, social committee members revised the way in which salad contributions were sought. "Now all information about the Salad Supper goes out through the Alumni Office," Mrs. Garber says. About 40 area churches, some as far away as Battle Creek, also receive notice of the event.

"It's become such a tradition by now though, that even persons who travel a great distance bring a salad with them," Mrs. Garber adds.

Another way the church social committee now assures an abundance of food is by ordering 100 servings each of fruit salad and potato salad from the cafeteria. "We are sure that we have enough back-up now," Mrs. Garber says. Costs for rolls, punch and these back-up salads are paid for by the Alumni Office.

Today, the Salad Supper is held in the university cafeteria. As salads arrive at the cafeteria, committee members check that each container of salad has its owner's name on it. The salads are transported upstairs by



Betty Garber has coordinated the Alumni Salad Supper for 15 years.

elevator and are refrigerated. Finally, they are placed on three long tables designed to serve six lines of people simultaneously.

"We need roller skates that day," Mrs. Garber jokes, "but we have a very good system and we enjoy doing it."

Mrs. Garber has been in charge of the Alumni Salad Supper every year since it began. Other long-time committee members are: Effie Row, Barbara Roy, Eleanor Stanhiser, Dee Woods, Margaret Poole and Ellie Krenz. "These people have been a tremendous group to work with," Mrs. Garber says. "We're just like sisters."

Debbie Roy, daughter of Barbara and Ed Roy, and a senior business major at Andrews, has helped with committee functions since she was five years old. Although never appointed by the church nominating committee, she continues to donate her time to this day.

In all there have been some 14 to 16 persons on the social committee each year, and according to Mrs. Garber, every member has helped to make the Salad Supper a success. "They've all done a marvelous job," she says.

Mrs. Garber says that special credit for helping the supper run smoothly goes to Bennett Chilson, director of the university food service, and Lenora Copsey, special events coordinator.

Finally, the university community deserves thanks as well, according to Mrs. Garber. "We appreciate the liberal salad contributions from the alumni in the community."

Looking back, Mrs. Garber believes that the efforts of everyone involved with the Salad Supper are well rewarded. "Of all the things that are held Alumni Weekend, more people attend the Salad Supper," she says. "It's the one time when we can sit around and visit with people we haven't seen for 20 or 25 years."



The Alumni Salad Supper ranks as Homecoming Weekend's most popular event.

Elizabeth Corrothers is a student writer for the Andrews University public relations department.



Distributing flags for the International Flag Raising Ceremony were Monica Norman and Orlando Mastrapa, international student advisors. (above left)

"Perspectives on the Labor Market" was the topic of a panel sponsored by the School of Business. Members were student Debbie Earp, alumni Kris Denton, Heather Jones, Terry Johnsson and Carole Munro and Andrews economics professor Malcolm Russell. (above)



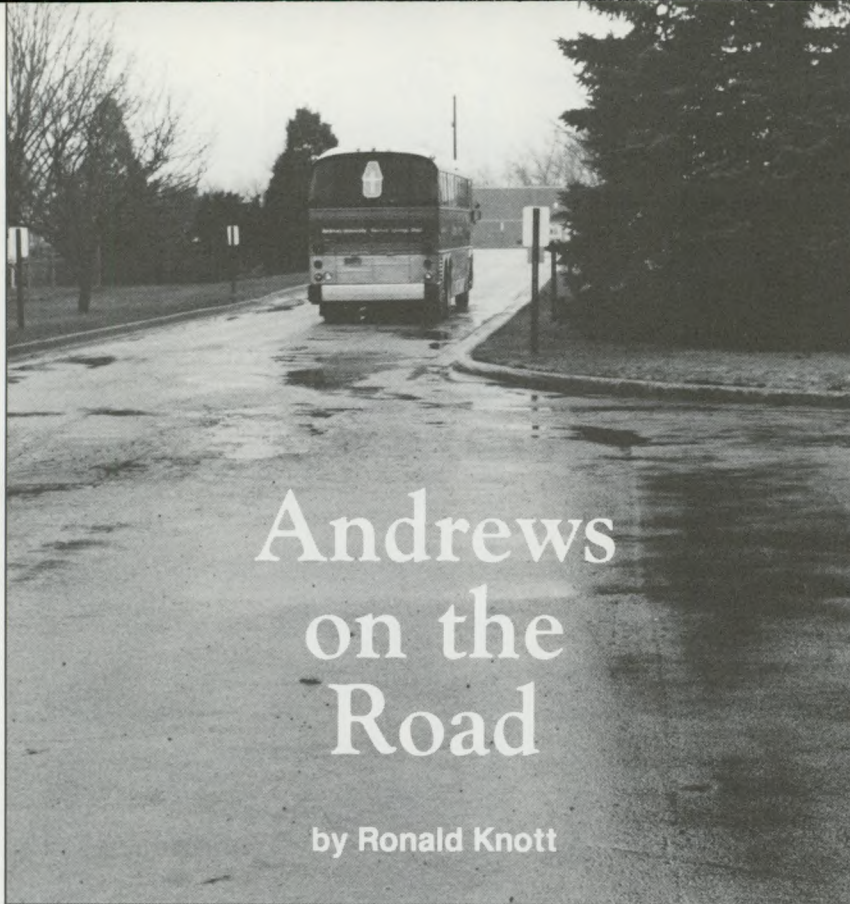
Silver reunion of the Class of 1961. Front row, l to r: Wilma (Doering) McClarty, Ursula Konegen, Carol (Sherman) Cannon, Londa Schmidt, Helen (Herzog) Roberts, Laura (Beardsley) Long. Second row, l to r: Alberta Oliver, Ruth (Baldwin) Cottrell, Jim Segar, Wayne Clark, John Mendel, Andre Rochat, Ora Cameron, Juanita (Walston) Neal. Back row, l to r: Horace Peterson, Lee Huff, Ken Morrison, Carl Wessman, Bob Wilkins, Don Knudsen, Fred Meseraull, Dean Hubbard, Jim Nash, Dale Twomley, George Perry.



Mary Ann (Kimmel) McNeilus (BA '66) and Daniel Augsburger (BD '66) were among six alumni awarded the Andrews Alumnus of the Year Medallion. (middle above) University Singers performed for The American Showboat III, which featured music and drama from the Civil War era. (above)



Golden reunion of the Class of 1936. Seated, l to r: Arlene (Marks) Grimley, Francis (Shadel) Weaver, Frances (Summertown) Woods, Hilda Habenicht, Maxine (Stevenson) Mosher. Standing, l to r: Gordon Skeoch, Kenneth Deedon, Clyde Cleveland.



Andrews on the Road

by Ronald Knott

For Edwin Disla, it may be the memory of crying softly into his French horn during a Wind Ensemble concert in Europe. For Ron Strack, it may be the night he first performed the first tenor "role" in the "Rigoletto Quartet." For Bucky Reed and other members of the Gymnics, it will probably be the memory of saving a 2-year-old girl from drowning during a trip to Hawaii last January.

And for hundreds, even thousands of alumni, memories of being on the road for Emmanuel Missionary College or Andrews University may be some of the most easily recalled, if not the most important, of their college years. Perhaps that is not the way it should be. After all, alumni directors and public relations officers might hope that graduates' fondest college memories do not revolve around the times they were away from campus.

Yet common sense tells us that the weekend trips students take with their friends to churches and schools around the Lake Union and beyond are bound to be distinguished sharply in the memory from the hazy recollections of weekday academic routine. And, ten years later, can the mind really discriminate among more than three Sabbath afternoon walks along the pier at St. Joe, or as many spring-time strolls down the bluff at Beaver Point? Probably not.

But it's easy to remember the embarrassment of forgetting your sleeping bag or band uniform on the trip to Battle Creek, or the excitement of being snowbound on a trip to Wisconsin Academy. It's easy to remember singing the national anthem for a Cubs game at Wrigley Field, or breaking your wrist after a near-perfect string of back handsprings down the mat at Adelphian, or being hugged by some dear little lady in Saginaw or Milwaukee who "enjoyed your program so much."

This year, more than 200 Andrews University students were members of official touring groups. Over a six-month period they traveled more than 20,000 miles around the

country, meeting appointments as diverse as Hinsdale, Ill., and Honolulu, Hawaii; Owasso, Mich., and Orlando, Fla.

Paul Hamel, a member of the music faculty for 33 years and chairman of the department for 25, is a rich source of information on how EMC and Andrews have used touring groups through the years to promote Adventist higher education. When Hamel joined the department part-time in 1947 he was completing a double major in history and music. During that first year he founded bands at the academy and the elementary school and taught private lessons. The following year, after finishing his degree, he was asked to stay on full-time in the department to run the college band. Thus, the 28-year-old junior

For hundreds of alumni, memories of being on the road for E.M.C. or Andrews University may be some of the most easily recalled . . . of their college years.

member of the department found himself teaching 40 private lessons each week, directing three bands (each with two or three rehearsals a week), and teaching two college classes.

Considering his teaching load, perhaps typical of many faculty members in those years, it is not surprising that the college band did not get off campus very often.

"We generally had just one short tour a year," he says. "In the spring we usually went to Battle Creek. We'd go up on Friday and stay the night in church members' homes. We'd give a sacred concert on Sabbath afternoon and a secular concert in the evening. It was several years before we did more than one trip like this."

While the college band's off-campus role

was limited during Hamel's early years, the music department's choral program was able to be more venturesome. In addition to a large, campus-bound choir, the department sponsored a smaller, select touring choir, called the Collegians. Hamel recalls that under the direction of Melvin Davis, and later, Minnie Iverson Wood and Gerald Ferguson, the Collegians were able to make as many as six or eight trips each year. By the late '50s and early '60s, the administration was encouraging all performance groups to travel more, including the band. Soon it became standard policy to send one of the groups to each of the Lake Union senior academies every other year.

Hamel recalls that administrative encouragement of group traveling extended only so far as providing funds for transportation. It did not include help with the logistical coordination of those trips. That was a "minor" detail still left to the directors, and for most of them it was not a pleasant task, particularly when they wished to devote their attention to musical matters.

"The school was very glad to have us go," Hamel recalls, "but nobody was giving us help determining where, when and how we should go. They were glad to pay for the bus, but we certainly made all our own arrangements. We called the bus company and arranged all the housing and had no assistance at all from anyone else. It was all on our own initiative. Each director did his own thing. I always liked it when we got where we were going, but the logistics part of it was a big headache."

If Hamel seems to belabor the point, he does so only in a good-humored comparison with the way things are today. Since the late 1970's, the university advancement division has assumed comprehensive responsibility for coordinating the itineraries of the performance organizations. The public relations department now makes all arrangements for transportation, food, housing and programming. Current policy sends two groups to each Lake Union Academy each

year, with other programs scheduled for churches, youth rallies or alumni gatherings.

"I think it's a lot easier for the directors nowadays," Hamel says. "With somebody else planning their trips, they can think about the performance part. That is their responsibility. I think it's a very good service. I wish they would have done it earlier."

By the mid-1960s, the music department lost its monopoly on officially sponsored touring groups. When Robert Kalua joined the physical education department in 1967, he brought with him an idea and an organization that has had tremendous positive influence for Andrews throughout Adventist education. The Gymnics, a group he helped found in 1959 in Loma Linda, Calif., easily survived transplantation to Berrien Springs. Flourishing on Kalua's experience, personal charisma and leadership style, the Gymnics quickly developed a wide reputation inside and outside the Lake Union for their stunning acrosports and gymnastic exhibitions. Several extensive tours in the United States, in addition to two European tours, brought the group and the university much favorable publicity.

Being a member of the Gymnics requires substantial commitment. The amount of practice time distinguishes it from the music groups, which at most require five hours every

Amid all the pleasures and rewards of traveling for the university, there are some significant nuisances.

week. Kalua and the Gymnics thrive on a rigorous schedule of two-hour practices, four evenings a week.

"Some people say it can't be done," says Lori Wolfer, a member of the team. "They say that being on the Gymnics takes away too much study time." Obviously, Lori doesn't agree, and after four straight years on the Gymnics, she is in a position to know about the need for study time. As a senior zoology major completing pre-med requirements, she is also floating on the euphoria of having just been accepted into Loma Linda University School of Medicine.

"Of course, being on the Gymnics makes you organize your time," she says. "It forces you to learn to concentrate. When it comes time to study, you have to study. But being on the Gymnics has given me a social and physical outlet that has been very helpful to me through college."

Amid all the pleasure and rewards of traveling for the university, there are some significant nuisances. It's hard to keep one's uniform or performance dress looking crisp and neat. Eating a sack supper on the bus late Friday afternoon while traveling to an appointment may not be the highlight of off-campus, weekend dining. "My least favorite thing about it is the night-time bus rides," Lori says. It's a common complaint among group directors and students. Too uncomfortable for quality sleep, and too distracting for study, the long, return-home bus rides after a Saturday



Formal portrait of the University Singers 1971-1972 (above).

Gymnics heroes: Ed Eberhardt, Nancy Acosta and Bucky Reed (right).

night performance seem a particularly painful way to waste good time.

But that is usually forgotten as students begin to assimilate the large memories—a trip to Europe or Puerto Rico or Florida. For Lori, the highlight of her Gymnic career was the 28-day tour of the Hawaiian islands the team made during last Christmas break. Few of the Gymnics will soon forget that three of their teammates saved the life of a drowning child and received citations for heroism. (See sidebar story).

About the same time the Gymnics were making a name for themselves in the late '60s and early '70s, another performance group was being born in the music department. Using a graduate assistantship to pay a graduate student director, the department organized a male chorus in 1969. Originally called the Good News Singers, the group quickly became popular on campus and occasionally made off-campus appearances. The chorus continued to be directed by graduate students until 1976, when budget concerns brought its future into question.

"Paul Hamel came to me and said the administration would no longer pay a separate graduate assistantship for the Good News Singers," recalls James Hanson. "Hamel said, 'I would like to have you conduct it. If you don't, it will be dropped.' I think he saw it as a valuable choir."

At the time, Hanson was teaching several classes in the department, teaching private voice lessons and conducting the large, campus-bound University Chorale. The opportunity to direct a small traveling group appealed to him. Up to that point, the University Singers (directed in the '70s by Rudolf Strukoff and Franklin Lusk and in the '80s by Harold Lickey) were the institution's only traveling choral organization. Within three years after Hanson took over the male chorus,

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Three Andrews University students received citations for heroism from municipal authorities in Kauai, Hawaii when they saved a young child from drowning. The incident occurred at the Kahili Seventh-day Adventist School where the Gymnics were participating in a two-day work bee.

While playing with friends on the school grounds, two-year-old Leilani Robinson fell into a deep pond. Cries for help brought Gymnic Bucky Reed to the scene. Jumping into the pond, Reed brought the child to the surface and to shore where he was joined by two other Gymnics. Finding no pulse in the child, the rescuers began CPR and succeeded in reviving and resuscitating the child.

After spending two days in an intensive care unit, Leilani was released from the hospital in time to enjoy the Gymnics' last performance on their Hawaiian tour and to receive a special Christmas gift from members of the team.

Receiving the citations for heroism were Reed, a junior at Andrews Academy; Edwin Eberhardt, a senior physical education major at Andrews and Nancy Acosta, a freshman physical therapy student at Andrews.

The local church members also gave a plaque to the three students with the inscription "Dec. 31, 1985 Nancy Acosta, Ed Eberhardt and Bucky Reed of Andrews University Gymnics rescued and resuscitated from drowning Leilani Robinson, age 2, at Kahili Adventist School. Mahalo Nui Loa (Thank you and God bless). Seventh-day Adventists of Kauai."



the group, now known as the Singing Men, had a travel itinerary as demanding as the University Singers. Ranging in size from 16 to 30 voices the Singing Men proved to be immensely popular with churches and academies around the Lake Union.

While the choral sound of male voices is always popular, such a group is less versatile than a mixed chorus, according to Hanson. Performing for many of the same audiences year by year, Hanson found by 1982 that it was difficult to design interesting programs without merely repeating the successful repertoire of past years. To solve his problem he established the Ladies Chorus, which functioned both as a separate traveling group and in conjunction with the Singing Men. The formula worked well and continues today under Zvonimir Hacko, who now directs all choral groups: the University Singers, the Singing Men, Ladies Chorus and the Oratorio Chorus (formerly the University Chorale).

The joys and hassles of participating in touring groups are not the exclusive property of typical 18 to 22-year-old college students. Other members of the community find benefit as well. Since 1981, Ron Strack has been employed full-time as the avionics technician at Andrews Airpark. He installs and maintains all electronic navigation and communication equipment on university planes and handles the same work for the airpark's commercial customers.

A 30-year-old father of three children, Ron is a member of three university choral



The Gymnics visit Waimea Canyon on their Hawaiian tour, December 1985 (above). A photo from the 1960's shows Robert C. Uthe conducting the concert band (above left).

organizations, requiring a combined total of eight rehearsal hours each week in addition to a heavy schedule of performances on and off campus on weekends.

"My wife tolerates all the traveling I do with the groups," Ron says. "If she had her first choice, I wouldn't do as much. But she lets me do it because she knows how much I enjoy singing and performing. For me, it's very therapeutic. If I could figure out a way to make a living and support my family by singing, I'd sure try."

For Ron, there are other joys, too. "When I am performing with an Andrews group, it is understood that I am representing something I believe in. There is something more to my singing than the purely technical aspects of my performance. In a real way, I am an ambassador for Andrews University and Adventist education, and that is something that I am very happy to be, because I believe in both."

Ron got hooked on choral singing at Andrews when he joined the Singing Men as a first tenor in 1981. During that year he was the understudy for the first tenor part on a

smash hit quartet number. The song was called the "Rigoletto Quartet," a silly, though musically accurate, parody of the well-known four-part piece from Verdi's opera, *Rigoletto*.

"The first tenor who normally did this number couldn't make our last concert of the year, so I finally got to perform it," Ron recalls. "It was the highpoint of the year for me. I had no idea singing could be so much fun."

If Ron Strack has his hands full juggling family, job and three choirs, Edwin Disla has no less of a challenge. Edwin, a 23-year-old senior from the Dominican Republic, graduates this year with a major in music education. During his years at Andrews, Edwin has, at one time or another, been a member of just about every official music group the university has to offer. This year he was a member of the Wind Ensemble, the Symphonic Band, the University Singers, and the Orchestra.

Edwin's area of specialty in his major is voice performance and choral conducting, so it was natural that he be heavily involved in choral groups. But Edwin is also a talented French horn player and for three years has



The university's male chorus, known as the Good News Singers in the early 70's (above), and now as the Singing Men under the direction of Zvonimir Hacko (right), continues to be a popular touring group.





The Wind Ensemble, under the direction of Barbara Favorito, performs in Amsterdam during their 1985 European tour. French hornists (below) are Edwin Disla, Marc Harrington, Lori Orpana and Bill Roche.



been a pillar of strength in the brass section of the Wind Ensemble.

For a student to be in two or three groups is no problem as long as the groups all have the same director. There are no conflicts in travel schedules. But for most of his college years, Edwin faced the constant struggle of having to miss out on choir trips because the Wind Ensemble was scheduled at the same time. Primarily due to Edwin's involvement and value to the department's band and choral programs, the university was forced to adopt the general policy of not sending more than one music group on the road at the same time. While the group directors pretend to sympathize with the tremendous scheduling challenge this presents for the public relations

department, they also know they are getting the best students in every group.

Edwin participated in the Wind Ensemble's tour to Europe during the summer of 1985. Planning for that trip was a two-year story of struggle, disappointment and eventual triumph. Originally scheduled to make their tour in the summer of 1984, the group spent many anxious months raising money beyond what the university was able to contribute. Just when the money question seemed to be solved, the group director, Barbara Favorito, sustained a serious back injury and the trip had to be postponed for another year. The one-year delay meant higher prices and more fundraising. Finally, with an extra appropriation from the university, the group left campus on

June 4, and completed a highly successful two-week, ten-concert tour of major European cities.

Edwin says that the most memorable moment of all his travels in Andrews groups came at the conclusion of the last concert of the European tour. After all the struggles of getting there, and finally achieving their dream, the students were bound to find the moment filled with emotion.

"Most of us had spent nearly two years of our college career looking forward to this trip, and working hard for it. During those two years, we had traveled many places as a group on weekend trips, but for the previous two weeks we had lived together as a family 24 hours a day, appreciating each other, tolerating each other, yelling and screaming at each other. Our friendships were sealed. Now it was over. We dedicated our last piece to the Wind Ensemble members who would not be with us another year. Two measures into the music, I started crying. In more than ten years, I haven't cried like that."

There is much about the college experience that revolves around emotion. Whether we admit it or not, it is essentially sentiment and not facts or statistics that make and maintain institutional attachments. As any student will tell you, there is much that is sentimental and emotional about traveling and performing during the college years.

When viewed in the most cynical context, off-campus trips by performing organizations may be little more than raw recruitment ventures designed to help stabilize a faltering enrollment. But don't expect the college performers of yesterday or today to see it that way. Alumni, present students and university administrators all know there is a lot more to it than that. Going on the road for Andrews University is a uniquely valuable experience that enriches the student's college experience in innumerable ways, and inarguably strengthens the cause of Adventist education.

With benefits like that, it is a sure thing that schools and churches in the Lake Union and beyond will find Andrews students singing, playing and tumbling for many years to come.



This past April more than 100 Andrews students, all members of traveling university choirs, participated in a community service choral/orchestra concert co-sponsored by Andrews and the First Congregational Church in St. Joseph. Directed by Zvonimir Hacko, assistant professor of music at Andrews, the mass choir and orchestra performed Gabriel Faure's Requiem.

Ronald Knott is associate director of public relations at Andrews University.

Andrews Alumni



Kay Kuzma, president of Parent Scene, presents the 1985 Family of the Year award to Hans and Lily Diehl, Byron and Carmen.

Diehl Family Receives Family of the Year Award

Parent scene, a Redlands, Calif., based family organization focusing on building unity and preventing alienation in families, gave their 1985 Family of the Year Award to Andrews alumni Hans (former student) and Lily Diehl MMus '68 and their children, Byron and Carmen, in November.

Hans Diehl is the founder and director of the Lifestyle Medicine Institute at Loma Linda, Calif., and speaks on health promotion and preventive medicine. Lily has a successful career as a concert pianist, vocalist and music professor. Byron and Carmen follow their parents' footsteps by using their energies and talents to share God's love through music and personal witnessing.

The plaque presented them reads, "For encouraging and supporting individual growth, nurturing love and teamwork, and extending friendship and service to others."

Chapter News

Napa Valley Chapter Meets

The Napa Valley Area Chapter met Jan. 18. Percy Christian, president of that chapter, organized a vesper service featuring as participants Floyd O. Rittenhouse BA '50 MA '63, James Mercer BA '52, Paul E. Quimby BTh '21 BA '24, and current professor of art at Andrews, Greg Constantine.

At the chapter business meeting that evening Mrs. Ian (Nielsen) Bothwell BA '63 was elected new chapter president. J. Tim Gallagher MDiv '70 was elected secretary/treasurer. Mrs. Bothwell is an assistant professor of education at Pacific Union College. Mr. Gallagher is an account executive with E. F. Hutton.

Also at the business meeting, Nancy Anderson-Flory, Andrews' director of alumni relations, gave an Andrews update in slides.

Chapter members enjoyed an exhibition of Constantine's art in the evening. The art department at Pacific Union College sponsored the showing.

Loma Linda Chapter Elects Officers

More than 100 alumni, former faculty and staff from the Loma Linda area attended a meeting Jan. 11, 1986, hosted by chapter president Mel Andersen at the University Church fellowship hall.

On hand to update the chapter on Andrews happenings was: Dr. W. Richard Leshner, president; Dr. David H. Faehner, vice president; Mrs. Nancy Anderson-Flory, director of alumni relations.

Chapter members heard future plans, a recap of BECA I success and a report on the Andrews booth at General Conference, including the Image Well multi-image show.

Genevieve C. (Johns) Bothe BA '66 was elected chapter secretary at the meeting.



Barbara Phipps, former EMC library director, attended the Napa Valley area chapter meeting.



Percy Christian, outgoing president of the Napa Valley area chapter, and Nancy Anderson-Flory.



J. Tim Gallagher and Mrs. Ian (Nielsen) Bothwell, new chapter officers of the Napa Valley area chapter.



Nancy Anderson-Flory, Andrews University's Director of Alumni, and Royce Thompson ('51, '68), president of the Orlando area alumni chapter.



Forest Lake/Orlando Alumni chapter members.

Florida Alumni Meet

Forest Lake/Orlando chapter president Royce Thompson, BA '51 MA '68, and secretary Barbara Erhard (former student) hosted a meeting for more than 30 alumni on March 1 at the Florida Hospital/Altamonte Cafeteria.

David Faehner and Nancy Anderson-Flory met with the Florida alumni. They presented a university update through a slide presentation. The slide presentation was produced by BECA Step-up intern Larry Kidder, who has worked in the Andrews alumni office this school year.

Those attending the chapter meeting discussed holding a state-wide alumni get-together during camp-meeting. Refreshments for the meeting were provided by hospital dietitian Jim Raymond BS '76.

Class Notes

1930s

Donald A. Smith PreMed '37 BS '43 and his wife, Esther, live in Walla Walla, Wash. Donald is a self-employed orthopedic surgeon and has served many professional organizations. He is currently head elder at the College Place Village Church. His hobbies include photography and horse raising. The Smiths have two children, Beverly Daniels of Tucson, Ariz., and Ronald of Portland, Ore.

1950s

Tedford J. Rasmussen BA '51 is associate pastor of the Lodi English Oaks Church and pastor of the Lockeford Church for the Northern California Conference. He and his wife, Virginia, live in Lodi, Calif. Tedford's children are **Michael** BA '69 of California, **Timothy** BA '71 of North Carolina, Kathleen Williams and Merri Beth of California. Virginia's son, Danny Tinnell, also lives in California.

Larry R. Burtnett BS '56 is director of subscriber services for the 43 magazines published by Review and Herald Publishing. His wife, **Clara** (former student), is editorial secretary for *Vibrant Life* magazine and author of its recipe page, "Clara's Kitchen." The Burtnetts live in Hagerstown, Md. They have two sons, Daniel and Dennis, and one grandson, Daniel.

Kenneth H. Wood MA '59 honorary doctorate 1979, has found he has merely changed roles, not retired. He was elected chairman of the White Estate board in 1980, with the understanding he would also become a part-time member of the working staff there upon his retirement from the *Adventist Review*. He found an office

waiting for him. His first project was final editorial work on the condensations of *Ministry of Healing* and *Christ's Object Lessons*. Part of the responsibility was to prepare Ellen White manuscripts for release by the board. "I enjoy this new career fully as much as the other denominational roles I have filled." He also serves on the General Conference Committee. He and his wife, Miriam, travel as much as they wish. Kenneth says he has actually had time to look at his vast collection of uncatalogued stamps and enjoys his three young adult grandchildren. The Woods have two daughters, Janet Stoehr and Carole Xander.

1960s

Wilmer R. Snyder BA '62 and **Janet L.** BS '62 both work for Versitron Industries in Riverside, Calif. Wilmer is regional vice president-dietitian and Janet is dining room hostess at La Sierra College. The Snyders have four sons, Jamie, Wilmer Jr., Monte and Ryan.

Lloyd B. Kidder BA '64 and his wife, **Elizabeth (Klooster)** BA '42, are retired, living happily in the mountains of western North Carolina. Lloyd retired as education program director at the Department of Army Headquarters in 1981. Other work experience includes director of education for the 9th and 4th infantries, education supervisor of military region II, principal of Garden State Academy, dean of men for Columbia Union College and freshman dean of men at Andrews. He also helped establish Blue Mountain Academy. Betty retired from her work as chairman of the business education department at Wheaton High School in Maryland. Her past experience includes serving as registrar and business education instructor at Colombia Union College and business education teacher for Montgomery County High Schools.

They stay busy now with Revelation Seminars, Bible studies and cooking schools. The Kidders have two children, Marsha Rauch and David.

Margaret Jean (Leiske) Barrett BS '65 and her husband, Larry, live about one half mile from Canadian Union College in Alberta. Margaret, until three years ago, worked for 13 years in the education office of the county government. Most recently she has worked part-time so they can keep foster children in their home and send them to church school. Larry is a welder for Lemkco Oilwell Servicing Company. In her spare time Margaret enjoys needlework and reading. The Barretts have three children, Steven, Delores and Nadine, and three grandchildren.

Penny Shell MA '65 MA '79 EdD '84 was certified a fellow by the College of Chaplains on March 3, 1986. The college was organized in 1946 and now has more than 1,600 members, representing 30 denominations and three major faith groups. The certification is an affirmation of professional competence of the calling and gifts of a particular ministry. It is also a call to responsibility and continual professional development. Penny serves as director of pastoral care at Thorek Hospital and Medical Center in Chicago, Ill.

Samuel D. Schmidt MA '66 BD '68 MTh '68 DMin '79 is an associate pastor for the Southern California Conference. His wife, **Olga** BMS '67 MMus '68, is organist at the Vallejo Drive Church and also teaches private piano lessons. In 1983 Olga was invited to conduct a Week of Music at a large Spanish church in New York City. Negotiations are underway for her to do a series of lectures for the New York Conference Spanish camp meetings. The Schmidts have three children, Hernan, Dora Vitano and Irene Hoch.

Mozelle Hardin Williams BA '67 enrolled in the doctor of education program at the University of Houston, Texas, in mathematics education. He plans to complete the degree in 1987. Mozelle is also a teaching assistant, specializing in the use of the microcomputer as a tool.

Keith J. Waterbrook BA '68 was recently appointed vice chancellor and hospital director at the University of Massachusetts Medical Center in Worcester. He is responsible for overall planning and direction of the hospital and manages more than 2,600 employees at the 353-bed hospital.

Rodger A. Ratcliffe BA '69 MDiv '73 and his wife, Pamela, live in Bonita, Calif. Rodger is senior pastor at the Paradise Valley Church and Pamela serves as church secretary. They have two children, Jennifer Lynn and Michael Paul.

Richard Rice BD '69 is professor of theology at Loma Linda University and the author of three books published in 1985: *When Bad Things Happen to God's People*; *The Reign of God: An Introduction to Christian Theology from a Seventh-day Adventist Perspective*; *God's Foreknowledge and Man's Free Will*. The



Olga (BME '68) Schmidt



Donald (PreMed '37 BS '43) and Esther Smith



Larry (BS '56) and Clara Burtnett



Penny Shell (MA '65 MA '79 EdD '84)



Shirley and James Clements, Jr., (MDiv '72)

second edition of his book *The Openness of God* was also published in 1985. His wife, **Gail** MA '69, is associate professor of educational administration for the School of Education at Loma Linda University. The Rices have two children, Alison and Jonathan.

1970s

James Clements Jr. MDiv '72 president of the class of 1972, is a minister for Campostella Heights Church in Norfolk, Va. He also serves on the executive committee of the Columbia Union. He and his wife, Shirley, have two children, Carolyn and William, and a granddaughter, Nikki. Shirley is a technical librarian for Atlantic Command Operations Support Facility, U.S. Navy, where she reorganized the technical library into a highly efficient and resourceful library. She received the 1985 Civilian of the Year award, reflecting her dedication in performing her duties and the high esteem of her co-workers. The citation also notes her exceptional performance and efforts to further her knowledge as additional examples of her professionalism.



Rebekah (BA '74) and **Eugene Cheng**, sons **Christopher** and **Andrew**

Stephen Hall BMusEd '73 MMEd '80 is instrumental director at Campion Academy in Loveland, Colo. His hobby is breeding and showing Alaskan Malamute dogs. His wife, **Gail (Warman)** BMusEd '73, is registrar and keyboard instructor at the academy. They have two children, Jennifer and Amanda.

Paul R. Massengill BS '73 was recently promoted to president of Louis Smith Memorial Hospital in Lakeland, Ga. He previously served as assistant vice president at Tennessee Christian Medical Center in Nashville. Paul's wife, **Susanna (Struntz)** (former student), is a homemaker. The Massengills have three sons, Christopher, Andrew and Jonathan.

Rebekah Wang-Cheng BA '74 and her husband, Eugene, "finally moved back to the Midwest after being in southern California for 11 years." Both physicians, they have joined the faculty of Medical College of Wisconsin. Eugene is assistant professor in the departments of anesthesia and medicine. Rebekah is assistant professor in the departments of internal medicine and psychiatry. Their sons, Christopher and Andrew, are enjoying



Robert (MA '77) and **Estrella** (BS '77) **Donesky** with daughter, **Kiamesha**

the snow. The Chengs enjoy being involved in a small church again.

Robert A. Stacey MA '75 is instructor of humanities at Oral Roberts University in Tulsa, Okla. He was elected by faculty and students as 1985 Instructor of the Year for the School of Arts and Sciences. Robert is chairman of the faculty-student affairs committee, secretary of the faculty senate, college Republicans advisor and associate leader of the annual ORU study tours to Europe.

Robert Donesky MA '77 and **Estrella** BA '77 live in Orlando, Fla., where Robert teaches English as a second language at Seminole Community College, Orange County Public Schools and Orlando Vocational Technical Center. He has developed special audio-visual techniques for his adult classes. Estrella is regional coordinator of the East Coast Migrant Head Start Project. She gives training and technical assistance to personnel in Migrant Head Start Centers in Florida, Alabama and Georgia. The Doneskys have one child, Kiamesha "Kimmie."

Don Livesay MDiv '77 is youth ministries director of the Georgia-Cumberland Conference. His wife,



Dale (MDiv '78) and **Gwen Forrester** with children **Nathanael**, **Jedidiah** and **Joshua**

Barbara, teaches at Georgia-Cumberland Academy and Elementary School. Their children are Christina and Stephanie.

Tim Ruskjer BA '77 MDiv '82 was ordained in the summer of 1984. He pastors the Madras/Prineville churches in the Oregon Conference. His wife, **Bev (Fiedler)** (former faculty), is a part-time home-health nurse for Mt. View Home Health. The Ruskjers have two daughters, Kristi and Cheri. Their third child is due in May 1986.

Dale S. Forrester MDiv '78 pastored in Colorado for seven years before becoming a chaplain in the U.S. Army. "The army chaplaincy is a real challenge and a delight. My unit is a 155mm, self-propelled howitzer battalion with about 500 men," he writes. He and his wife, Gwen, live in Ft. Hood, Texas. They have three children, Nathanael, Jedidiah and Joshua.

Ramona Fern (Harris) Likes MAT '78 married Wade Likes Dec. 1, 1985 in Downers Grove, Ill. Wade is a self-employed cabinetmaker and Ramona is bookkeeper for their Custom Cabinet Shop. The Likes live in Poplar Bluff, Mo.

Abel V. Pangan MA '78 is a pastor for the Ontario Conference. He has worked among Canadians of Filipino origin, resulting in the organization of the second Filipino Adventist Church in metro Toronto. He also pastors a group of Cambodian Adventists in Toronto. Abel attended the professional growth and excellence in ministry seminar at Oakwood College in December 1985. His wife, **Ofelia** MAT '78, is a supply teacher at Crawford Adventist Academy in Willowdale, Ontario, and a homemaker. They have three children, Lynda Rae, Rona May and Ronald Dale.



Stephen (MME '80) and **Gail (Warman) Hall** (BME '73) with **Jennifer** and **Amanda**



Paul (BS '77) and **Susanna** (former student) **Massengill** with **Christopher**, **Andrew** and **Jonathan**



Tim (BA '77 MDiv '80) and **Bev Ruskjer** (former staff) with daughters **Kristi** and **Cheri**

Dennis W. Wallstrom MDiv '78 has pastored the Ridgecrest and Redondo Beach churches in Southern California since graduation. In the fall of 1985 he started a doctor of philosophy degree program in clinical psychology at Fuller Theological Seminary. Dennis also sings with the Shoreline Singers. His wife, Sharon, recently completed a master of public health degree and is home care coordinator for West Health Care in Los Angeles. The Wallstroms have two children, Amy and Bryan.

W. Earl Allen MA '79 is analyst/programmer for Computerized Business Systems of Fort Worth, Texas. Earl also directs the Fort Worth First SDA Church choir, serves as educational coordinator of the Fort Worth Chapter of the Data Processing Management Association and is an adjunct professor of data processing at Texas Christian University. His wife, Maralyn Mencarini, is employee benefits accounts specialist for M Bank Fort Worth.

Walter Snyder BS '79 and **Meredith (Snyder)** BS '79, both nurses, are active in community health education programs, including the new Breathe-Free Plan to stop smoking. They live in Inez, Ky., where Walter is assistant administrator for Martin Company Home Health and Meredith is a homemaker.

1980s

Thorbjorg Bragadottir BS '80 and her husband, Jon Sigurdsson, live in Kelduhuerf, Iceland. Thorbjorg teaches home economics one day a week and conducts workshops. She says "we are farmers (sheep) and that keeps us very busy. We live out in the country. It takes us an hour to drive to the next village from here. My grandfather sends tapes (with the sermons from Sabbath School and church) to me every week. It takes three hours to

drive to the nearest church." They have two children, Brynja Dogg Jonsdottir and Bragi Jonsson.

Aage Rendalen MA '80 "an early casualty of the theological upheavals of the late 70s/early 80s, I left denominational work (editor Norwegian Sign/Life & Health) in 1981 and started working for Norway's largest underwater construction/diving company operating in the North Sea oil fields." Aage works as a quality assurance staffer for Stolt-Nielsen Seaway. His wife, Barbara (Doherty) is a freelance musician. They have one child, Christin, born in Berrien Springs in 1978.

Terese Thonus BMusEd '80 spent six months teaching English in a refugee camp in Thailand right after graduation. Terese also taught English as a second language at Southwestern Adventist College from 1981 to 1983. She is now teacher trainer and materials coordinator at the Centro Brasileiro de Ensino Linguistico in Brazil. Her favorite hobby is still music, and she is active in the church, state opera theatre and other choral organizations. She plans to study and work in simultaneous interpretation.

Donovan Davis BA '81 MDiv '83 and Robin Cowdrick were married Nov. 3, 1985 in Waynesboro, Penn. Donovan currently pastors the Edenville, Estey and Gladwin churches in the Michigan Conference.

Ray Hartwell MDiv '81 was ordained at the Kentucky-Tennessee Conference camp meeting in June 1985. In October 1985 he and his wife, **Jeanne (Zacharias)** (former staff) accepted a call to pastor the church in Columbia, Mo. Jeanne is working part-time as Ray's office secretary and pursuing some free-lance writing.

Robert T. Johnston BS '81 is senior research chemist with the polyethylene research department at Texas Applied Science and Technology Laboratories, Dow Chemical U.S. His

wife, **Katherine (Chapin)** BMus '80 is a homemaker and part-time flute teacher for the Brazosport Independent School District. James Thomas Jr. was born Sept. 20, 1985. Both Robert and Katherine are active in their local church. Robert is an elder and Kathy the treasurer. They live in Lake Jackson, Texas.

Leslie Smart MDiv '81 pastors the Marion-Burnsville District of the Carolina Conference. He and his wife, Connie (Beck), have two daughters, Ashley and Kelly Nicole.

Holly Jean Hall BS '82 lives in Waukegan, Ill., where she does private duty nursing for a private employer. Holly also serves as music coordinator and kindergarten leader at church. She does volunteer work at the local church school.

Hector Ramal MA '82 and his wife, Edelweiss, are missionaries in Kanye, Botswana, Africa. Hector teaches religious education at Seepapitso Secondary School for the Botswana government. Edelweiss is principle tutor for Kanye SDA School of Nursing for the Eastern Africa Division. They have two children, Joy and Anthony.

Richard John Gilbert MA '84 is self-employed and does yard work. John lives in Melbourne Beach, Fla., with his parents. He has recently submitted an article for publication on the Charlie Brown Syndrome, "a term I coined to describe my general difficulty with practical things."

Obituaries

Mary Jane Dine Guthrie DP '27, died October 6, 1985, in a tragic multi-vehicle accident, returning home from a Christian women's seminar in Sacramento, Calif.

Judson P. Habenicht BA '44 MA '69 of Berrien Springs died June 18, 1985. He was an ordained SDA minister pastoring 11 years in Michigan in the Battle Creek, Alpena, Detroit and Holly districts; six years in Calgary, Alberta; and several years in Worthington, Delaware and Lakewood churches in Ohio.

His college peers will remember him for his leadership in student organizations, as a student literature evangelist who also supervised other students, and for his ever-willing photographic contributions for campus activities and publications. He served as official photographer for camp meetings and group sessions while pastoring in the Michigan Conference.

He loved the youth of the church and was active in youth camps serving as director at Camp Pottawottamie near Battle Creek and was also the first director when the Grayling property was secured and Camp Au Sable was still in its primitive facilities.

The beautiful Calgary church is a monument to his unwillingness to give up when city officials opposed building the SDA church on a very prominent location. Because of his hard-working, never-give-up nature, it was very difficult for him to give up his ministry when his health demanded it. For a time he served part-time with electrical crews at Andrews University and helped conduct Sabbath afternoon religious services at Berrien General Hospital. His kind nature was a blessing to the patients and afforded him a limited ministry for some years.

He is survived by his wife, Beth (Glidden) whom he married in 1943; three daughters, Merry Beth Knoll of Staunton, Va., Cheeri Lee Roberts of Ballston Spa, NY, and Linda Joy Sherlock of Adrian, Mich.; seven grandchildren; his mother, Federica, and a sister Hilda Habenicht, both of Jackson, Mich.; a sister, Mercedes Dyer of Berrien Springs; two brothers, Fred E. of Carmichael, Calif., and Glen R. of Battle Creek, Mich.



Bernard Andersen (current faculty), Connie (former student) and Myren Severin with baby Erika



Robert (BS '81) and Katherine (BMus '80) Johnston with son, James Thomas



W. Earl (MA '79) and Maralyn Allen



Jeanne (former staff) and Ray (MDiv '81) Hartwell

Advancement

Andrews Receives Largest Single Gift In Its History

Andrews University has recently received its largest single gift commitment from individual donors.

In 1975 Frank and Dolly De Haan, friends of the university, established a real estate development trust to benefit the Seventh-day Adventist Church. A portion of this trust, left to be assigned at a later date, was recently assigned to benefit a work incentive endowment program at Andrews University. The Lord has greatly blessed the development trust, and over the next five years the portion Andrews University will receive should total more than \$900,000. The income from the endowment will be used to support a work incentive program to assist needy students.

Mr. and Mrs. De Haan share Andrews University's commitment to using work-study programs to assist students in obtaining a Christian education while at the same time helping them develop positive work habits and personal responsibility.

The De Haans have dedicated their lives to helping young people receive a Christian education by providing work-study opportunities. For the past 18 years, they



T. W. Christiansen sits at the controls of the Piper Comanche he donated to Andrews.

have personally witnessed in their own business the blessing that academy young people receive through such programs.

This commitment is the first major donation to the university's goal to raise ten million dollars to assist students. The university is pleased and grateful for the opportunities this gift will help to provide its students now and in future years. Mr. and Mrs. De Haan hope their commitment will inspire other friends of Andrews University to participate in this program.

Recent Grants Total \$49,700

Recent foundation and corporate grants to Andrews total \$49,700 according to Albin Grohar, director of development. These include a \$10,000 grant to WAUS from a foundation that has asked to remain anonymous, and a \$5,000 award from the Household International Corporation. As in the past, the Household International grant is being used to implement on campus the free enterprise lecture series sponsored by the university's School of Business.

The Sage Foundation, located in Detroit, has made another \$5,000 gift toward undergraduate student scholarships, and the Martin Foundation of Elkhart, Ind. has added a grant of \$4,500 to the School of Education's graduate student aid fund. The total from two corporations which have chosen to remain anonymous, is \$12,400.

Other grants include an unrestricted gift of \$3,000 from Phillips Petroleum, a \$2,500 contribution from Michigan Bell toward Andrews' efforts to increase the number of microcomputers available on campus, and a \$2,300 unrestricted gift from Sears-Roebuck Foundation. IBM has given a \$5,000 unrestricted grant.

Between July 1, 1985, and Jan. 31, 1986, corporate and foundation sources have presented Andrews University with grants totalling \$135,335.

Airplanes Donated by Alumnus

T. W. Christiansen, a practicing cardiac surgeon in St. Joseph/Benton Harbor, has donated two airplanes to Andrews University's department of aviation.

Christiansen, a 1954 alumnus of Andrews, donated a Cessna 150 and a 1958 Piper Comanche. The Comanche has a constant speed propeller, retractable landing gear and special navigational equipment. It is used by the university's advanced aviation students.

"The safety of pilots and their passengers is dependent on aviation training," Christiansen said. "I walked away from a crash because I had been well-trained."

"I wanted to see the university's flight program keep going," said Christiansen. "These planes are older, but they are just as safe as newer models and they save the university rental costs."

"Students and faculty of the department of aviation have been working on restoring the planes to like-new condition," said Ray Swensen, professor of aviation. During December the Comanche was on the flight line used as an instructional airplane.

Christiansen was a pilot in the Air Force for three years. He attended the T-6 Randolph Air School and the Williams Air Force Base.



Among recent foundation and corporation grants is a grant from Sears presented by John E. Small (left) to David Faehner, vice president for university advancement.

Sutherland House Renovation Slated for Summer and Fall

Completion of the Sutherland house restoration is scheduled for late October, 1986, and is dependent on progress in a major fundraising drive, according to Elsie Buck, member of the Andrews University Board of Trustees and chairman of the Sutherland House Restoration Committee.

Buck said that architects completed the construction document phase in April and that construction is planned to begin in mid-summer.

The Sutherland House Restoration Committee was established in 1985 to oversee renovation and restoration of the last original frame structure on campus. The home was built by Edward A. Sutherland, first president of Emmanuel Missionary College, and was his residence during his administration from 1901 to 1904.

Buck said the overhauled building will house a first floor museum/library, restored to its turn-of-the-century appearance, as a tribute to the work of Sutherland. The second floor of the building will be renovated and furnished as offices to house the Andrews University Institute of World Mission.

Labor and materials costs for the project are set at \$167,000, Buck said.

The committee is looking for funding from several major sources, according to Buck. Adventist Self-supporting Services and Industries has pledged 30 percent of the annual offering it will receive from members at its national convention in Williamsburg, Va., in August. Total offerings at past A.S.I. conventions have ranged as high as \$100,000, according to Buck. In addition, she will canvas individuals at that convention who may have particular interest in the project.

In other fundraising matters, Buck reported that Maranatha Flights International, an A.S.I. member-organization specializing in volunteer construction labor for needy church-related projects, voted at its semi-annual

board meeting in April to endorse the Sutherland House restoration as an approved project for members.

"The good work of Maranatha volunteers could save thousands of dollars in labor costs," Buck said. At this writing, the date of the two-week Maranatha project had not been set, and volunteers are urged to contact the Maranatha office directly at P.O. Box A, Berrien Springs, MI 49103.



John and Margaret Kroncke

Kroncke Endowed Scholarship

The Kroncke endowed scholarship of \$5,000, set up by members of the Pioneer Memorial Church, has been activated, according to Albin Grohar, director of development at Andrews. The first recipient was named in April for funds this fall.

The scholarship fund was established with \$3,700 in 1983 when John A. Kroncke concluded his work as senior pastor of the university church. Parishioners donated the money in honor of Kroncke's nearly 17 years of service in the campus church. Kroncke and his wife, Margaret Write Kroncke, requested the fund in place of gifts because of their interest in students and their desire to leave something of perpetual value.

Since that time the donations made by the Kronckes and their friends have been added to the fund until it reached \$5,000, the level where it can be activated. The yearly interest from the fund will be awarded to a worthy undergraduate student, selected by the Kronckes, financial aid officers and the academic deans at the university.

We reached out...



Phonathon

Ten academic departments have contacted more than 2,000 alumni. More than 500 donors have given over \$25,000

as of mid-April.

Departments receive equipment budget credit equal to 50 percent of contributions plus an additional \$1,000 in grants from the Business Executives Challenge to Alumni if they increase donor participation and donations by 15 percent.

Department Letters

Faculty in 14 academic departments have written to nearly 4,000 alumni.

Departments receive equipment budget credit equal to 50 percent of contributions.

President's Letter

W. Richard Leshner wrote to nearly 20,000 alumni donors, current and former faculty, staff and board of trustee members.



The letter included a report on the progress at Andrews, goals for the current fiscal year and an appeal for support.

Class Agents

Reactivated this year for classes from 1913 through 1969, class agents are writing to more than 4,000 undergraduate classmates.



Corporation and Business Contacts

Nearly \$110,000 in grants to Andrews has been given by businesses and corporations. Of the 10 foundations contacted, 10 have donated nearly \$30,000.

...have you responded?

If yes, thanks for supporting Christian education. If not, please respond with your pledge by June 30.

Andrews University Advancement

Focus Wants to Know

Your Opinion

About Scholarship Aid

If, as a student, you received scholarship money from a named fund, please state which fund. _____
What did receiving this money mean to you?

A selection of these alumni comments will be used in the Winter 1986 FOCUS, which will feature endowed scholarships.

About you

Name _____

Address _____

City/state/zip _____

Year(s) graduated from Andrews _____

Degree(s) received from Andrews _____

Years attended Andrews University _____

Current occupation _____

Employing organization _____

Location (city/state/zip) _____

Special contributions to church or society, professional development or promotions, additional degrees or certificates, travel, hobbies, volunteer work, or anything else interesting about you or your spouse. Please use a separate sheet to give the information.

About your family

Spouse's name _____

Years attended Andrews University _____

Year(s) graduated from Andrews _____

Degree(s) received from Andrews _____

Current occupation _____

Employing organization _____

Location (city/state/zip) _____

Children _____

Feel free to submit a snapshot or family portrait for publication. Either black and white or color is acceptable; prints will be returned upon request.

Your new address

(First name) _____ (Middle) _____ (Maiden) _____ (Last) _____

Mailing address _____

City/state/zip _____

When your address changes: Send your new address to FOCUS, Andrews University, Berrien Springs, Mich. 49104. Please include both old and new addresses (send mailing label from last issue, if possible). Subscription is free. Note: If your name changes with marital status, please include maiden name on the address change form.

For office use only: Alumni Editor Alumni Records

Thank you for keeping us informed. Have you also remembered your voluntary subscription support for FOCUS this year? Your \$7.50 gift is much appreciated.

At Random

with Randy Fishell

How I Became an Educated Person



Randy Fishell "progresses" through the A.U. school system: elementary school, academy (in M.C.C.) and university.

Just why a person's parents would choose to move to a small Midwestern town is hard to say. My father's line of reasoning may have gone something like this: "Well, dear, I think we've paid our dues. I'm sick and tired of all these balmy sea breezes and days of endless sunshine. Let's move to Berrien Springs."

But then again, maybe it *didn't* go quite like that. You can hardly blame me for my inability to recall the details. I was still in the planning stages at the time.

Actually, the *real* reason my parents moved to Berrien Springs was so my dad could go to college. And wherever Dad's giant footsteps led, his son's little clodhoppers were sure to follow. Within a few short years, I would be enrolled in the Andrews University Laboratory School.

At first, I wasn't sure I liked the sound of that. It was kind of scary. Just what did they do to little kids in this laboratory? Fortunately, my teacher showed no signs of having previously been a mad scientist. *Au contraire*, my elementary school experience furnished ample material for many a pleasant memory, albeit not purely academic.

Take the fifth grade, for example. Timmy Martin's dad had gone to visit some relatives in Canada. The exciting part came when Timmy informed his classmates that his father had smuggled something back across the border that all of us would want. Canadian yo-yos. There was no difference between a Canadian yo-yo and an American yo-yo. They were all made in Taiwan. Be that as it may, Timmy was still able to defray a goodly portion of his tuition expenses due to his uncanny ability to get rid of the things.

When recess time came, we'd all pile out to the parking lot behind Johnson Gym and watch Timmy perform Canadian yo-yo tricks. Poor Miss Howard must've wondered why her students looked like bobbing dashboard ornaments when they came back in. Ah, those were the days. I'll never forget those yo-yos back there in fifth grade.

But not all was fun and games in elementary school, for a cloud of uncertainty loomed ominous on the horizon. Junior high. Just

rity could only end in failure. I was faced with the grim reality of growing up. The process would begin at Andrews Academy.

The teenage years are a kind of "testing time," at least for the male species. The academy, perhaps unwittingly, provided the perfect outlet for some of us to prove our manliness. The Medical Cadet Corps.

The "M.C.C.," as we affectionately referred to it, was sort of the conscientious objector's version of the Army Reserves. Here was

"Here was a training ground for soldiers of the highest rank. And we were pretty rank."

one more year of leisurely learning stood between myself and the pressures of a 7th grade classroom. The question was, could I survive the rigors that such would demand?

It was rough going toward the start. They were teaching us what was called "the new math." Apparently, the old version wasn't making our life quite miserable enough.

But part of the reason some of us fellows were struggling may have been that we were preoccupied with a recent discovery—girls. Suddenly, we had become aware that these lovely creatures could add a previously unknown dimension to our lives. It was about this time that a fellow by the unusual name of Wittschiebe came around to discuss certain facts pertaining to this topic. Surely, this was one of junior high's finest hours.

Eventually, time began to run out on me. It seemed that any last-ditch effort at avoiding matu-

a training ground for soldiers of the highest rank. And we were pretty rank.

Things went along quite smoothly for me—until they showed the first aid film. I must've had my head between my legs for thirty minutes straight. The childbirth section was the worst. I would have preferred they leave deliveries in the hands of the U.S. Postal Service.

Time marched on, and the future seemed uncertain. A degree from Andrews University, or any other learning institution, was not in my plans. After all, college was for the unsocially prudent student, not a fun-loving down-to-earth type such as I. Climbing the ladder of higher education might make me dizzy. But Someone on the other end seemed to be steadying that ladder, and I somehow managed to keep my balance. You guessed it—BA, theology.

It wasn't long before I was tossed across campus, landing

squarely in Seminary Hall. The Seminary is jestingly referred to by many as their "wilderness experience." Perhaps a more fitting analogy would be that of crossing the Red Sea. I always seemed to have a strange sensation that I was about to go under.

In reality, for me, the seminary was a bittersweet experience. There were times of warm friendship, and other times when tears were made all the more painful by the biting winter wind. But it was by God's allowing me to grow through those times that I eventually came to share the thoughts of Albert Camus:

"In the midst of winter, I finally discovered within me an invincible summer."

It's been worth it.

I *could* end this piece by recalling the most significant fact I ever learned during my educational experience. But to do so, would be to miss the point, for it was not what I *learned* that was most important. Rather, it's what I *became* during those years that most clearly defines the word education. A degree may prove that you know *something*, but true education results in knowing *Someone*.

Like a major-leaguer whose game-saving play never showed up in the box score, you won't find an account of my spiritual pilgrimage recorded anywhere on a transcript. But that's O.K. Frankly, I'm more concerned with making it safely home than I am with flaunting my statistics.

Randy Fishell, BA '83, who is completing the MDiv at the Seminary, is a free-lance writer living in Berrien Springs.

Flags from more than 80 countries stand as sentinels on the campus green at the close of the traditional flag raising ceremony.



Several members of the Class of 1946 met for Sabbath dinner at the home of Dr. and Mrs. Gunter Koch. Shown here are, front row, l to r: Charlene (Smith) Vitrano, Sadie (Owen) Engen, Jeanne (Wagner) Jordan, Betty (Brooke) Koudele, Betty (Ashton) Prosser. Back row, l to r: Arnold Kraner, Erna Mae (Kyle) Koch, Daniel Hasso, Garth Thompson, Alice (Osborne) Boston.



1986 Alumni Homecoming

Opal Hoover Young '26 celebrates her sixtieth anniversary reunion. (above left)

The Golf Tournament Friday afternoon attracted 52 enthusiastic golfers. Tournament winners were Tom BA '60 and Todd Burns. Walt Sherman BA '59, MA '60 won a redwood portable spa, donated by Polynesian Pools, for his closest-to-the-pin shot. (Winners are not among those pictured above.)

Participating in the Lamplighting Ceremony for student missionaries leaving soon for a year of service are Mike Hatcher, Soo Kim and Kristine Krieger. (left)



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