

FOCUS

The Andrews University Magazine

Spring 1987

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**Liberal Arts
and the Job Market**

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In This Issue

In a world of IBM, Heath-Zenith, Humana Hospitals, Adventist Health Systems, Whirlpool and the *Wall Street Journal*, do college students still major in history, literature, languages, art, religion? Should they?

Using Vantage Point, our cover article, the experiences and opinions of alumni and the hopes of current students, FOCUS explores the value of a liberal arts degree in today's market.

To illustrate the flexibility of a liberal arts degree, we collected career sketches from liberal arts alumni whose names had been supplied by department chairmen. We trace the careers of three of these alumni and quote from others.

And we feature in a photo essay one history major alumnus who recently provided a dramatic example of the versatility of the liberal arts degree by being elected governor of Hawaii this past November.

Our discussion of the liberal arts is not meant to deny the importance of technology. A feature commemorating the James White Library's twenty-fifth anniversary looks at the way technology is changing the library's facilities and expanding its research capabilities.

And finally, in At Random an alumnus reports on his research involving the ultimate technology—nuclear energy. What would life be like after a nuclear bomb attack?

Besides these weighty issues, you will find, as usual, university news and the popular notes from your former classmates. —JT

About the Cover

"Lascaux Hand Tool Horse" is a sculptural work created by Steve Hansen, a senior art major. The animal shape was inspired by prehistoric drawings found in a cave in France. Combining twentieth century objects and technology with ancient art, Hansen uses an interplay of time to express the enduring power of artistic symbols.

Photographed by Spencer Freeman, a junior media technology major.

FOCUS

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Vantage Point

by Jack D. Sparks

The Humanities in a Technological World

I am concerned about the race for information—for knowledge—at the possible expense of wisdom.

We see declining numbers of students majoring in the arts and soft sciences and increasing enrollment in hard sciences and high tech. There is no way to calculate losses to society when exploratory minds become technicians.

As a businessman with educator interests, I stand on both sides of the fence. I decry de-emphasis on history, philosophy, ethics, religion, linguistics, literature, the arts in all forms, even political theory. I reject the notion that these leanings, these learnings,

we lost in knowledge?" The famed Boston cardiologist, Dr. Bernard Lown, added: "Where is the knowledge we lost in information?"

I go one step farther: In this age of technology, where is the interpretation that moves information to knowledge and to wisdom? Attitudes appear to be polarized. "Gee-whiz" versus doomsday—with nothing in-between. John Naisbitt, the author of *Megatrends* believes the gee-whiz futurists are wrong because they expect technology to progress in a straight line. It doesn't. It weaves and bobs, lurches and sputters. Agreed. But a more important factor may be

computer can contribute to literacy.

We live inside the communications revolution. We become enchanted with the mechanics of television, chips, satellites, cable, videotex, cellular radio, word processors. We are more involved with the techniques of transmitting than the potential of translating these whole new worlds of information, entertainment and education.

I suggest a call for poets as well as engineers.

I see needs beyond knowledge to speed development of all these technologies.

If we are to achieve the great promise and avert any deep menace, our reach into the future must be creative, not just inventive.

Most of the tools are in sight for the fight against poverty and disease. The scientific and industrial groundwork has been laid. But there is a vast complement of human resources not yet applied. Think of the social sciences.

The hardware is at hand for victory over prejudice and ignorance. The need is for software not yet started—the interpretation that must come from the writers, the linguists and literature. Think of the range of the humanities.

There is little doubt that today's technology can lead to abundance of food, energy, materials and even of space in which to live—shortages that have threatened mankind's continuation.

But not without the contributions of tomorrow's religious leaders, educators, and philosophers who must resolve suspicion, superstition, denial, and resistance.

In every field of technological endeavor, there is need to connect discoveries and their meaning to the solution of human problems and the celebration of human promise.

Einstein said it better: "Concern for man himself must always constitute the chief objective of all technical effort . . . concern for the big unsolved problems of how to organize human work . . . to assure that results of our



Jack D. Sparks

scientific thinking may be a blessing to mankind and not a curse."

I repeat, there is great need for connection of having, knowing and doing. Of technology and the humanities. Of discoveries and their meanings. Of high tech and high touch. Of the gifts of the past and the present.

Soren Kierkegaard knew when he said, "Life can only be understood backward, but it must be lived forward."

I repeat, this is a yeasty time we live in. We have wondrous new tools and new moral responsibilities for their use. If I could leave you with one thought, it would be this: There never will be less information for us to deal with. There never will be fewer problems for us to solve and there never will be greater opportunities for those dedicated to the enhancement of the human spirit.

Jack D. Sparks is chairman of the board, president and chief executive officer of Whirlpool Corporation. This article is a condensation of the commencement address he gave at Andrews University in June 1983 when he was granted an honorary doctor of laws degree.

"I reject the notion that . . . these learnings are incompatible with making a living."

are incompatible with making a living.

Yet I am a witness, perhaps a participant, in developments of technology and business sciences. I marvel at mankind's achievements as computers and robots come to work in our factories to relieve workers of tiresome, unsafe and repetitive chores. I applaud the end products that make consumer life easier and provide more living options. This is a great and yeasty time in which to be alive and at work.

So why should we be concerned about a backlash of technology? Only because there are so many knotty problems that must be worked out within the next twenty years.

We now are moving in many technological directions. There may be need to back up, clean up, fix up on many first steps. We will need to update, or possibly scrap, some of the rambunctious ideas that may be in conflict with ideals. In short, there may be danger of too much education, too little interpretation.

This is not a new thought. T. S. Eliot wrote, "Where is the wisdom

the ever changing time span. Perhaps I can illustrate.

Consider space technology. Sputnik in the fifties, definitely "doomsday." Man walking on the moon in the sixties became "gee whiz." Then a long lag to the space shuttle. And lagging interest.

Now on the horizon is outer-space colonization. Yet between here and there are other vital targets, like answers to the energy problem.

On the topic of energy . . . nuclear energy . . . some respond with concerns ahead of celebrations. The fear of nuclear weapons outweighs the miracles of nuclear medicine and the potential of energy independence.

It took many years to move the computer from war equipment to business machinery to home appliances. New applications of the technology are multiplying. Somewhere amid the video-games, we lost the vision of solving basic problems.

Like the teaching of reading, writing, arithmetic. We are caught up in the cry for computer literacy without working out ways the

Campus Update



Participating in the Commission on Chemical Dependency were, from left, Ronald Brown, President, Fuller Memorial Hospital; Blondel Senior, Director, Advent Home; Paul Cannon, Bridge Fellowship, Inc.; Walter Kloss, Chaplain, New England Memorial Hospital; Donald Scully, Director, Alcohol and Chemical Recovery Program, St. Helena Hospital; and Greg Goodchild, Program Director, Dependency Behavior Center for Health Promotion, Loma Linda University.

First Church Commission on Chemical Dependency Meets at Andrews

The first church-appointed commission on chemical dependency held its opening session from Sept. 15 to 17 on the campus of Andrews University.

The commission was appointed by the 1985 Annual Council to give special study to the problems of chemical dependency within the church. "The Church has exerted less impact in dealing with the problems caused by alcohol and drugs even though those problems themselves (have) increased and, unfortunately, affect a growing number of Seventh-day Adventists, especially youth," read the action that established the commission.

Over 40 people took part in the meeting, which was co-sponsored by the General Conference of Seventh-day Adventists, Loma Linda University, Adventist Health Systems/USA, and the Institute of Alcoholism and Drug Dependency (IADD), hosting organization of the session. IADD is headquartered at Andrews.

"The commission's first meeting is a launching pad for ideas and working groups," said Albert Whiting, chairman of the session and associate director for health and temperance at the General Conference. "This meeting will give direction to the interim work the commission must do before its next meeting."

The commission's second session is scheduled for March 1987 in Loma Linda, Calif.

"One of the most valuable features of the commission," said Patricia Mutch, program co-

chairman and director of IADD, "is the network and involvement it is creating among a diverse group of resource people."

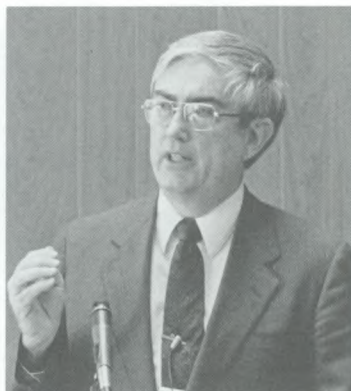
Participants included General Conference representatives from presidential, secretarial, educational, church ministry, health and temperance areas, directors and counselors from treatment programs, a high school principal, local conference officers, parents, physicians, researchers, and a college student.

Anderson Spickard, MD, MPH, director of general internal medicine and professor of medicine at Vanderbilt University Medical Center, was a consultant to the commission. Spickard is co-author of the book, *Dying for a Drink*, which deals with the church's role in healing the alcoholic. He has been a member of a policy development panel on alcohol for the Presbyterian Church of America.

Other commission participants included Gary G. Swanson, editor of *Listen* magazine, Winton H. Beaven, president of the International Commission on the Prevention of Alcoholism, and Carolyn Burns, vice president of the National Federation of Parents of Drug-Free Youth.

Local participants included Tom Williams, interim president of New Day Centers in St. Joseph, and Richard Barker, a student at Andrews University.

Participating from the Andrews' faculty were Garth Thompson, chairman of the department of church ministries; Duane McBride, professor in the behavioral science department, and chairman, Center for Research, IADD; Roger Dudley, associate professor of church ministries; and Patricia Mutch, director of IADD, and professor of nutrition.



Anderson Spickard

Andrews Surpasses United Way Goal

Andrews University raised \$14,020 for the 1986 Blossomland United Way campaign, surpassing its \$11,000 goal, announced David A. Faehner, director of the campaign on the Andrews campus and vice-president for development and advancement at the university.

By the end of October, about 300 contributors had brought the total to an all-time record. Last year Andrews contributed \$12,443 to the United Way fundraiser, which was the highest to date.

Preschoolers Learn Facts About Drugs

The BABES (Beginning Alcohol and Addictions Basic Education) program was introduced to preschool children enrolled in the Andrews University department of home economics child development lab nursery school.

According to program coordinator Sue Murray, BABES is a primary prevention program designed to help children develop living skills as protection against abuses of alcohol and other drugs. BABES reaches about 45 preschoolers each week.

Using a set of puppets to capture the youngsters' attention, the program provides accurate, non-judgmental information about the use and abuse of alcohol and other drugs. The program also uses the puppets to illustrate how to handle feelings, develop self-esteem, make decisions, as well as portray situations experienced by children of alcoholics and other drug abusers.

"I have a conviction that there are specific things preschoolers need to know about protecting themselves from alcohol and other drug abuse," said Murray. "The children have responded very positively to this, particularly because of the puppets."

Murray, assistant professor of home economics, participated in a five-day comprehensive training seminar, provided by the National Council on Alcoholism and Other Dependencies (Greater Detroit Area), to become a certified BABES presenter. She was sponsored by the Andrews University Institute of Alcoholism and Drug Dependency.

Murray is reviewing research materials for a project sponsored by the Ball State University (Muncie, Ind.) School of Nursing, also dealing with substance abuse and the preschool child.



Preschool children enjoy puppets while learning about drug and alcohol abuse from BABES coordinator Sue Murray.

New Eatery Opens In Campus Center

Andrews University opened an on-campus fast-food restaurant, The Gazebo, on Oct. 19. The newly-remodeled facility is located where the old snack shop used to be, next to the student lounge on the main floor of the university's Campus Center.

A naming contest with a \$100 prize was held for the new eatery. Pierre Crutchfield, student association president, came up with the winning entry, "The Gazebo."

Park-like decor, complete with Victorian style "street lamps" and park benches, gives the newly-remodeled area a comfortable atmosphere for a leisurely lunch or a quick snack.

According to Ben Chilson, university food service director, the new facility was designed to be a classy "fast-food" restaurant, complete with McDonald's-style menu boards and service. It features a salad bar and a scoop ice cream counter. Not only does it offer daily favorites such as lasagna and pizza-by-the-slice, but it has the added attraction of a baked potato bar.

A market survey was conducted last school year to determine what would best meet the needs of the primary users of the establishment. Several innovations are the result of that survey. To complement staff training in fast-food techniques, three new electronic cash registers will help speed service. Students who live in the dorms and normally eat in the cafeteria are able to use their student I.D. cards to charge two meals a week in the new eatery.



During a recent Career Shadow trip, Michael Strohauser, left, and Tamara Hoffer, right, observed photographer David Sherwin and a professional model.

Students "Shadow" Alumni Professionals

Ten Andrews University students got a taste of their future careers by "shadowing" various professionals, all Andrews University graduates, in Washington, D.C., on Nov. 6-9.

Sponsored by the communication, photography and alumni entities of Andrews University, the "Career Shadow" program was designed to show students a typical day on the job in their future professions.

The program, according to David Faehner, vice president for university advancement, is a first, not only for Andrews, but also for any other Seventh-day Adventist educational institution. It was planned and actuated jointly by Rebecca May, director of alumni relations, Don May, instructor in technology education and T.

Lynn Caldwell, instructor in communication.

The communication department faculty chose five juniors and seniors representing the many degrees offered in the department.

"We wanted to send students who could benefit the most, students with initiative," said department chairman, Luanne Bauer. Chosen were Wanda Bryant, Alan Carlson, Richard Green, Robert Jepson and Jeff Trubey.

Photography students had to compete for the trip to Washington. A contest was held, requiring students to prepare projects showing some aspect of Washington: the man, the monument and/or the city. The top five winners, Spencer Freeman, Julie Geraty, Alden Ho, Tamara Hoffer and Michael Strohauser, won trips to Washington for a chance to "shadow" a professional photographer.

The photography students observed Meylan Thoresen, (BA '83) and Dave Sherwin, (BA '82), photographers for the Review and Herald Publishing Association.

Alden Ho, senior photography major, gained insight into the daily toils of a studio photographer. "It was interesting being able to assist the Review photographers," said Ho. "I feel that the experience shed new light on the many different job openings dealing with photography."

The five communication students had somewhat different experiences. Since each stu-

dent's interests were more disparate, staying in a group was not an option.

Alan Carlson, a junior broadcasting major, and Jeff Trubey, senior communication major, "shadowed" David Brillhart (BS '80), assistant director of the communication department of the General Conference.

Robert Jepson, senior, public relations, worked with Randy Jewell (M.Div. '79), director of community relations and marketing, Washington Adventist Hospital.

Richard Green, junior, journalism, observed *Adventist Review* news editor, Carlos Medley. Medley, (MA '78), was assigned to cover the annual council of the North American Division of the General Conference of Seventh-day Adventists.

"It was educational seeing Carlos interview those important people," said Green. "It was also interesting seeing how Adventist leaders make decisions and policy."

Wanda Bryant, senior, public relations, observed Viveca Black (BS '75). Black is director of development for the Boys and Girls Clubs of Greater Washington.

Bryant, although thoroughly enjoying her "shadowing" experience, wishes she'd had more time. "I really wish I could have spent a couple of days with Black," Bryant said. "One day isn't long enough to get a real 'feel' for the job."

13 Seniors Enroll in Gifted Program

Thirteen seniors from five local high schools were enrolled in the Gifted Student Program (GSP) at Andrews University during fall quarter 1986.

Participating were: Catherine Wiggers, Buchanan High School; Alexander Bach, Karen Holman and Peter Weimann, Berrien Springs High School; David Elkins and Philip Puskala, Eau Claire High School; David Becker, Glenn Ward and Soren White, St. Joseph High School; and Holly Kerbs, Juna Kim, Glenn Poole and Aileen Yingst, Andrews Academy.

The Gifted Student Program is a component of the Society of Andrews Scholars.



Lenora Copesey serves celebration cake at an open house for The Gazebo.



Dorothea Sarli, left, coordinator of Health Plus, discusses the university's new wellness program with Janell Jones.

AU Institutes Wellness Program

Andrews University has just begun a faculty/staff wellness program called Health Plus. The program was introduced at the fall faculty retreat where 260 faculty members and their spouses went through a blood screening and follow-up health analysis.

Dorothea Sarli, Health Plus coordinator, has been able to involve a significant number of the participants in lifestyle changes since the screening. Many have begun exercising regularly, and many are working toward goals of reducing their weight, cholesterol, or stress levels.

Besides screening and lifestyle counseling, Health Plus benefits include a biweekly newsletter updating faculty and staff on program developments, interesting medical research, and wellness tips.

Andrews President W. Richard Leshner, who was instrumental in establishing the health program, said, "The greatest asset of Andrews is the people that make it a university. Their optimum health is a great concern to the administration. Health Plus has been organized to foster optimum health on our campus."

Many Andrews employees have expressed their appreciation for the Health Plus program. Doug Jones, English professor commented, "Since the faculty retreat screening, I have been a lot more aware of my health. I really appreciate what the university is doing for us."

Library Obtains Encyclopedia on Compact Disk

The Electronic Encyclopedia, a computerized version of the *Academic American Encyclopedia*, and new computer equipment were recently added to Andrews University's James White Library, according to Harvey Brenneise, head reference librarian.

Rather than being printed on paper like a traditional encyclopedia, the equivalent of 21 volumes of information is contained in one silver compact disk that measures less than five inches in diameter.

The compact disk, similar to the compact disks of the music industry, can store large amounts of information, almost equalling the capacity of 1500 floppy disks. The CD-ROM (compact disk, read-only memory) player is attached to a micro-computer and uses a laser to "read" the digital information on the disk.

Users will be able to print desired articles on the computer printer or load them onto floppy disks. They will be able to locate articles using any word or combination of words in the article. The search software will search through the entire encyclopedia for the specific word or words.

"We update our traditional, printed encyclopedias about once every five years," Brenneise said. "Now we can stay up to date by purchasing *The Electronic Encyclopedia* on CD yearly for only \$25.00." The *Academic American Encyclopedia* costs approximately \$600 to replace.

Fall Campus Events Provided Variety

On-campus events during fall quarter 1986 included a wide variety of speakers and entertainers.

Jean Kilbourne, internationally known authority on the media, alcohol issues and sex roles, presented an illustrated lecture titled "The Naked Truth: Advertising's Image of Women." Using actual examples from magazines, Kilbourne showed how women are depicted through the eyes of advertisers, and ultimately how this can influence the way society sees women's roles.

The Heritage Singers sang for a fund-raising gala to benefit a video and cassette lending library planned as part of Apple Valley Plaza.

Pageantry and acrobatic skill came to the stage with the Chinese Golden Dragon Acrobats and Magicians of Taipei. Their grace and precision wowed the college crowd on Nov. 23.

Musical productions abounded. To commemorate the 100th anniversary of Franz Liszt's death, a concert of his sacred music was performed by pianist Morris Taylor and tenor soloist James Hanson.

A complete rendition of Handel's *Messiah* was presented on Dec. 5, with the university choir and orchestra performing under the direction of Zvonimir Hacko.

"The Many Moods of Christmas" program united community and university in music and in giving. To the accompaniment of choral and band music, concertgoers brought gifts to be distributed later during the holiday season by local service clubs.



Stanislaw Loffredo, director and dean of the Franciscan Biblical Institute in Jerusalem.

The Chamber Music Series started off the 1986-87 season with a performance by the Chicago Ensemble, composed of a violinist, a pianist and a cellist. The Quink Vocal Ensemble from Holland performed a variety of chamber music on Nov. 9. Classical guitarist Laura Oltman and pianist John Danke presented compositions by Johann Nepomuk Hummel on Nov. 23.

The Horn Archaeological Museum sponsored a series of lectures, including one given by Stanislaw Loffredo, director and dean of the Franciscan Biblical Institute in Jerusalem. As a result of the Institute's Capernaum expedition, Loffredo said archaeological data now makes the location of the apostle Peter's house fairly certain.

J. Bjornar Storfjell, acting director of the Institute of Archaeology at Andrews and assistant professor of archaeology and history of antiquity, was another of the Horn Museum lecturers, speaking on the topic, "The Crescent and the Cross: Christianity Gives Way to Islam." Abraham Terian, professor of intertestamental and early Christian literatures at Andrews, presented a lecture on the "Religious Relics of the First Christian Nation."



Barbara Favorito, director of bands, looks on as Christy and Lisa, daughters of Mr. and Mrs. Ken Rasmussen, give Santa gifts for "The Many Moods of Christmas."

Notables

Soviet Academy Invites Terian to Speak

■ Abraham Terian, professor of intertestamental and early Christian literatures at the Theological Seminary, was invited by the Soviet Academy of Sciences to speak at the first International Conference on Medieval Armenian Literature held Sept. 14-20 in Yerevan, Armenia.

Terian's presentation centered on the first piece of Armenian literature ever composed in Armenian. "This first document told about the life of Mashtotz, the man who invented the Armenian alphabet in A.D. 406," said Terian.

The Soviet academy has invited Terian on various occasions to speak at international conferences on Armenian linguistics and ancient Armenian art.

"Very few scholars in the world specialize in ancient Armenian art and literature," Terian said. "I've published considerably in that area and became known to the Soviet academy in that way."

Approximately 100 participants attended the September conference, 22 coming from countries outside the Soviet Union.

Who's Who Lists Fifty-one from Andrews

■ The 1987 edition of *Who's Who Among Students in American Universities and Colleges* will include the names of 51 students from Andrews University who have been selected as national outstanding leaders.

Students named this year from Andrews are: Marcos F. Chavez, Rebecca L. Dunn, Cletus R. Georges, Angela Von Dorpowski, Kenworth F. Holness, Scott E. Powers, Brian A. Facey, Cathie J. McDaniel, Joy G. Roberts, Terry A. Arnold, Charla R. Neal, Flora E. Ocampo, Douglas J. Frood, Arlyn S. Kim, Ann E. Richards, Alan B. Thomas, John M. Connors, Brian M. Jackson, Alice M. Atkins, Denise A. Pitters, Alicia A. Worley, Timothy N. Beamesderfer, Teresa A. Beaulieu, Timothy J. Ellis, Claudia Hamilton.

Also listed are Kimberly L. Potts, David W. Sherman, Steven C. Timm, Sherri L. Van Duinen, Monique S. Voet, Roy D. Burke, Darlene M. Cummings, Robert Ivkov, Karyn E. Moehring, Sophia

L. Stevens, Mark A. Youngberg, Ellen L. Balk, Marguerite E. Dixon, Barbara L. Sickler, Lynda R. du Preez, Toya M. Essex, Steven L. Hansen, Iris R. Oskin, Kenneth R. Ursin, Donald A. Warman, Rodney D. Williams, Richard T. Barker, Dan W. Heintz, Beverly J. Rachel, David P. Village and Sarah Village.

Dudley Publishes Book on Transmitting Values

■ "Of all the work I've done, this has been the most time consuming and comprehensive. I've been working on it in some form or another since 1980," said Dudley of his recently published book, *Passing On the Torch: How to Convey Religious Values to Young People*.

Dudley is professor of Christian ministry at the Seventh-day Adventist Theological Seminary and director of the Institute of Church Ministry.

This topic has been of interest to Dudley for some time. "Ever since completing my earlier book, *Why Teenagers Reject Religion and What to Do About It*, I have been searching for solutions to the elusive problem of how to transmit religious values. This book is my opportunity to share the results of my search."

From mid-1983 until the spring of 1984, Dudley and his wife, Peggy, collected data from Seventh-day Adventist teenagers and their parents. Then followed an extensive literary review on the topic through the winter of 1983-1984. By the end of spring quarter he had finished writing the book.

"You can't absolutely pass values from one person to another. Each person essentially forms, creates and develops his or her own value system. But there are certain things to do to create a climate in which there is value formation going on."

Now that Dudley has completed his book, he is planning another even more extensive research project. He is going to conduct a 10-year study of several thousand North American Adventist teenagers. The study will yield yearly reports as well as major reports after five and 10 years. Said Dudley, "It's going to take a lot of work."



At Andrews Academy Homecoming, Principal Richard Orrison presented 10 year faculty service awards to Sharon Russell, left, home economics instructor; Lydia Chong, health and physical education instructor; and Sharon Constantine, office secretary.

Graduate Student Stars in TV Sitcom

■ Clifton Davis, Andrews Seminary graduate student, is currently starring in "Amen," a Saturday night NBC sitcom, while serving as assistant pastor of Loma Linda University Church.

In an interview with a reporter from the Benton Harbor-St. Joseph *Herald Palladium*, Davis said, "This is an opportunity to have a Seventh-day Adventist present in an arena where there hasn't been one."

"Amen," costarring Sherman Hemsley of "The Jeffersons," depicts Davis as pastor of the First Community Church in Philadelphia. Hemsley is the headstrong chairman of the church deacons.

According to Davis, being an Adventist created a couple of conflicts with the show, but they were resolved. One problem was that the show's shooting schedules ran through Saturday. A new taping schedule was arranged. A second difficulty, use of offensive dialogue in the script, was corrected when the producer gave Davis a rare privilege among actors, final editorial control.

Davis feels he is a witness on the set because he puts God first. "Acting is a God-given talent. Whatever field you're in, a Christian should witness and minister God's love," he said.

"The most important thing to a successful Christian is not to alienate people by being overzealous to teach church doctrines," explained Davis. "It is important to first love God, then love the people, and to be a friend."

(Courtesy of *Herald Palladium*.)

Faculty Earn Doctoral Degrees

■ Eight faculty members at Andrews University received graduate degrees during the summer, according to information released by the office of academic administration.

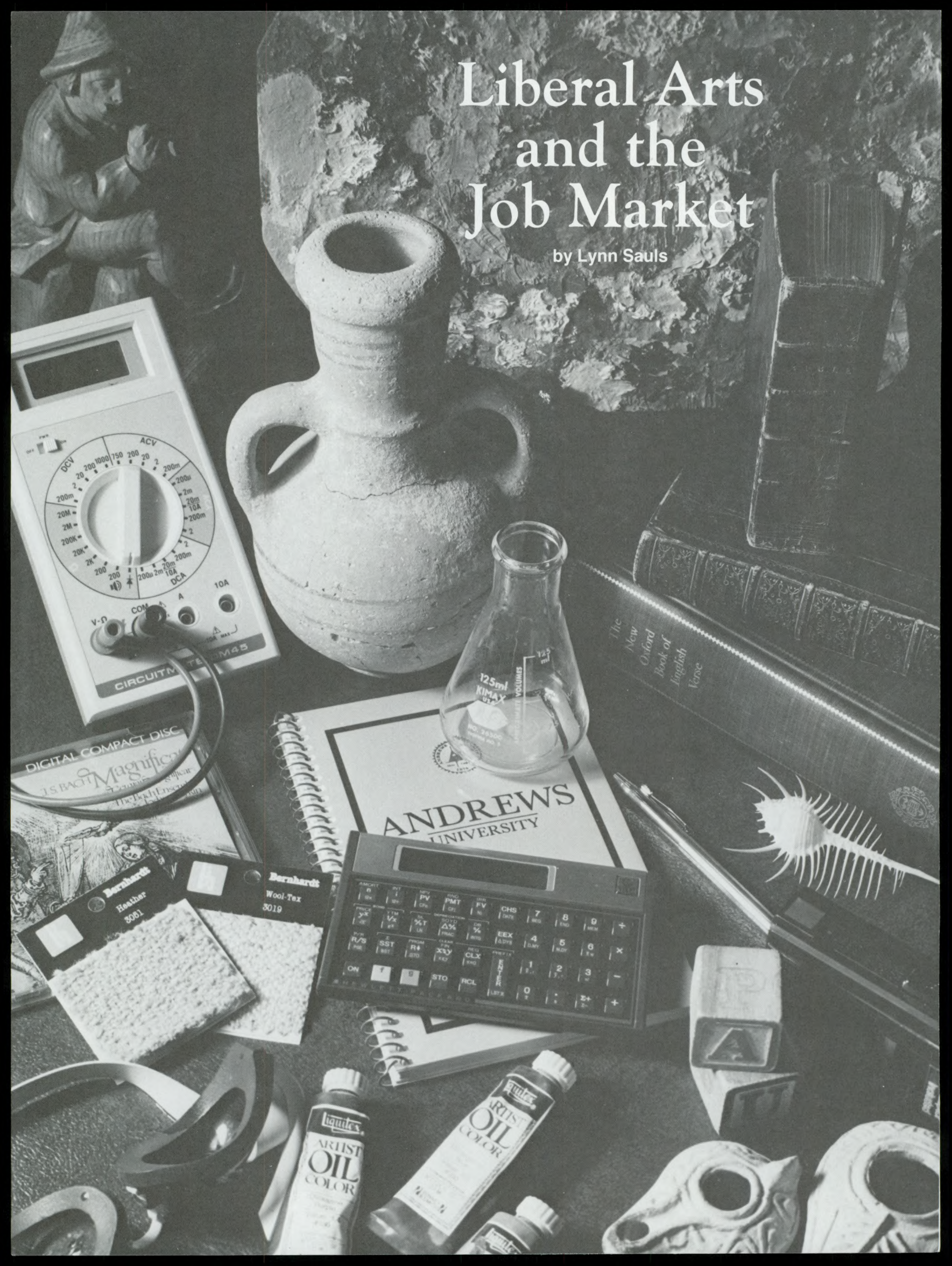
Daniel R. Bidwell, assistant professor of information and computer science, received a Ph.D. in computer science from the Illinois Institute of Technology in Chicago. His dissertation was titled "Comparison of Optimization Techniques in Cogeneration." Bidwell has worked for the information and computer science department since 1981.

Lenora Brantley received an Ed.D. in human development counseling from Vanderbilt University in Nashville, Tenn. Her dissertation was titled "Adolescent Moral Development and Religious Exposure in a Black Seventh-day Adventist Parochial School." Brantley has worked one year as associate professor of education in the department of educational counseling and psychology.

Richard Davidian received a Ph.D. in linguistics from Northwestern University, Evanston, Ill. His dissertation was titled "The Maintenance of the Armenian Language and Culture in the United States Among Immigrant Armenian High School Students." He has been an assistant professor in the English department for one year.

Liberal Arts and the Job Market

by Lynn Sauls



"Be flexible," Dr. Hammill told us in a counseling session before he performed our wedding ceremony. "A specific calling from the Lord is seldom for life. He first calls you to do one thing. Later He may have something entirely different for you to do."

Before Richard Hammill went to college, he raised sheep in the Northwest. After earning a degree in theology with a strong liberal arts emphasis, he became a pastor. Then a missionary pastor-teacher in Vietnam. Then a home missionary secretary in the Philippines. Then, after Japanese internment during World War II, he became a biblical scholar and professor of religion at Southern College. While there he was a major contributor to the *Seventh-day Adventist Bible Commentary* and also served as advisor to the student association. Then he became Southern College's academic dean. Then a General Conference associate secretary of education and editor of the *Journal of Adventist Education*. Finally, he served as president of Andrews University from 1963-1976, one of the greatest periods of change and growth in the history of the school. His undergraduate liberal arts education had prepared him well for many different kinds of challenges.

Dr. Hammill's advice proved to be appropriate. I, too, have lived many lives—pastoring, church-school teaching, secondary and college English teaching, various administrative positions in education, free-lance writing, and now professor of communication and English at Andrews University.

My situation is not unusual. Change is a fact of life. Most college freshmen change their majors before they graduate. More than 40 percent of college graduates in the United States enter careers in fields not directly related to their majors and then shift careers at

least four times during their lives. A liberal arts education prepares students to cope with such changes.

Liberal education varies slightly from college to college, but in all of them it has at least three main purposes: "to instill knowledge, to cultivate intellectual skills, and to nurture the traits of personality and character basic to a reasoned and responsible life."¹ Since the turn of the century, colleges in North America have emphasized the first purpose often to the neglect of the other two. In many technical and professional programs, the latter two purposes have been practically eliminated. Such programs have turned out specialists who have been in great demand for entry-level positions. Members of the "Me Generation" of the '80s have neglected the liberal arts majors in favor

More than 40 percent of college graduates in the United States . . . shift careers at least four times during their lives.

of such technical and professional programs because they have been more interested in coming to college "to prepare for a good paying job" than previous generations of college students. For awhile this has seemed to work, but the times are changing.

An article in the May 6, 1986, issue of the *Wall Street Journal* showed how "Liberal Arts Graduates' Prospects in the Job Market Grow Brighter."² In the spring of 1986 big employers were "wooing liberal arts graduates with growing fervor." It was evident that industry, government, and private agencies were beginning to realize that they needed

employees with the communicative, analytical, and creative skills that liberal arts graduates possess. The demand increased 20 percent over the previous year. Various reasons were given:

- "After years of favoring job applicants with technical degrees, more employers are short on younger workers with more general analytical and writing skills."
- "Liberal arts graduates can take a variety of thought—from social to economic to political—and apply not a fixed formula but creative analysis to them."
- "Peat Marwick Mitchell & Co., a Big Eight accounting firm in New York, says liberal arts graduates bring a global outlook that makes them more receptive to international assignments."
- "Digital Equipment Corp., a Massachusetts computer maker, seeks certain liberal arts majors—those with at least some course credits in accounting or economics—for its highly competitive two-year program for developing financial managers. Those graduates 'bring a broader view into the company,' says Joseph Fargano, the manager of the program."

Job prospects for liberal arts graduates are even greater for 1987 than 1986, reports a recent issue of the *Kiplinger Washington Newsletter*, indicating that small companies especially are looking around for liberal arts graduates. *Business Week Careers* magazine indicated in the October 1986 issue that "surprisingly strong job prospects await . . . well-prepared liberal arts graduates."³ Needs for 1987 in various geographical regions of the nation were surveyed in the "Job Opportunity Index":

- The West Coast: "Schools around the Silicon Valley observe a persistently growing demand for liberal arts majors offering a

"A lot more things out there in life than just . . ."—current students speak



"A humanistic approach to education permits me to appreciate my historical and cultural heritage, and at the same time it keeps me in pace with scientific and technological advancements."
—Cletus Georges, zoology, senior.



"My year abroad at Seminaire Adventiste du Saleve and the experience with a second language has made me a more complete, well-rounded person."
—Rena Williams, French, senior.



"I want to take the fullest advantage of the university's diverse academic opportunities because I will never be in such an environment again."
—Arlyn S. Kim, pre-seminary, pre-med, senior.



"I taught geography, history and Spanish at Antillian Union College when it was in Cuba. I left Cuba and came to Andrews in 1983. I want to teach again geography, history and Spanish."
—Omar Mastrapa, Spanish literature, senior.



"I figure there are a lot more things out there in life than just physics. I am interested in many things, especially music and art."
—Sung Nam Choi, physics, junior.



"By choosing to study English along with pre-med, I have gained the perfect balance between the liberal arts and the sciences. I want to incorporate medicine and the liberal arts when I go into journalism or broadcasting."
—Joy G. Roberts, English, pre-med, senior.

solid education and a flexible mind. Especially prized are good writers with computer skills."

- The Southwest: "The textile industry appears committed to stocking up on talent vital to overcoming the challenge from imports. Liberal arts students are cashing in on communicative skills."
- The Midwest: "Liberal arts and science students did better last year . . . and remain on the rise, according to early market reports."
- The Northeast: "Liberal arts candidates are benefiting from a rising market."

It has long been recognized that the humanizing and liberating skills that students develop from a solid liberal arts background make them better citizens and happier human beings. Employers are now beginning to realize that these skills also make good employees. "A broad-based background in the arts, humanities, and social sciences exposes students to varied viewpoints while training them to question, organize ideas, think logically, and problem-solve," writes Anne Kelly, editor of *The Collegiate Career Woman*. "Indeed, liberal arts is a curriculum that fosters maturity in thought and action—a trait highly valued by employers. . . . The education and skills learned over the undergraduate years are transferable to positions where the specifics of the profession can easily be learned on the job."⁴

Alvin Toffler, author of *Future Shock* and *The Third Wave*, and one of America's greatest experts in analyzing change, states that as we move more "into electronics, computers, information services, environmental technologies, aquaculture and all the new Third Wave

industries, businesses will require more people who think, who ask questions, and who adapt and imagine."⁵ Another futurologist, John Naisbitt, author of *Megatrends*, says that "we are moving from the specialist who is soon obsolete to the generalist who can adapt."⁶ In a special *Kiplinger Report*, "Careers in the Eighties," the editors emphasized that a broad education is necessary—not just training in specific skills. Preparation for coping with change and willingness and ability to tackle something new are essential.

Patricia Stewart, coordinator of career planning and placement at Andrews University, is quick to advise liberal arts majors to increase their marketability by adding the practical to

The humanizing and liberating skills that students develop from a solid liberal arts background make them better citizens and happier human beings.

the liberal arts. "Take a minor or some electives in such areas as accounting, communication, design, electronic media, or other technical fields. If you do this and also obtain work experience in an internship or co-op program, you become very attractive to employers."

Training for specific job skills without educating the mind has little lasting value. Students who prepare only for a job will begin work at entry level and make advancement slowly, if at all. In a rapidly changing world,

they may even find that a few years later the job for which they prepared is no longer needed. But students who educate their minds while they prepare for careers will have unlimited opportunities. Such persons, whatever the vocation, can make a good living and also live a good and rewarding life. That is why a liberal arts education at Andrews University is important.

Such an education is also a pleasure for the student. Opening windows to the mind is a joyful experience. At the end of every class period, at the end of every test, at the end of every course, at the end of the years at Andrews University, students can say, "It is good, it is very good," if their minds have been expanding. When one uses the mental talents God has given, one enters into the joy of the Lord. "To see the order of the universe and the dispositions of divine Providence," wrote Thomas Aquinas, "is an eminently delightful activity."

And employers are looking for graduates who are having that kind of liberating experience.

R. Lynn Sauls is professor of communication and English at Andrews University.

¹Earl J. McGarth, *Liberal Education in the Professions* (New York: Teachers College, Columbia University, 1959), p. 61.

²Linda M. Watkins, Sec. 2.

³John R. Stodden, "Job Opportunity Index," *Business Week Careers*, Oct. 1986, pp. 16-17.

⁴Fall 1989, p. 5.

⁵Alvin Toffler: *Waves of Change*, *The American Express*, April 1981, p. 1.

⁶Quoted in Candace E. Trunzo, "Careers That Are Rewinding Up," *Money*, May 1983, p. 94.

A Memorable Comment from Notre Dame's Theodore Hesburgh by Ronald Knott

The "weekly events" publication from Notre Dame came in the morning mail.

I scanned it quickly, as I always do, looking for an interesting play, or concert or speaker (maybe Charles Kuralt, or Chaim Potok or Jerry Falwell). Almost lost between schedules of women's varsity volleyball and weekend masses, a simple notice said there would be an address on "The Value of a Liberal Arts Education." The speaker would be Theodore Hesburgh.

A few nights later, I was there—one lone Andrews person (so I thought) awash in a catholic mass of faculty and students waiting to hear their famous president speak. But then I spotted familiar faces across the auditorium: Merlene Ogden and Cheryl Jetter, two people whose lives and interests are themselves fine addresses on the value of liberal learning. Ogden is dean of Andrews' College of Arts and Sciences. Jetter is an instructor in art history. I should have guessed they'd be there too, to hear this giant of American education, and a host of other inspiring human enterprises, talk on a subject to which he rightly can lay some claim.

Hesburgh's presentation was more of a talk than an address. He spoke slowly, deliberately, sometimes reading from his notes, sometimes talking extemporaneously. It was all very good; all the things I wanted to hear; a reasoned reassurance that I hadn't made a

mistake by majoring in English and religion instead of computer science or business, where all the power, glory and glitter seemed to be.

And then, without warning, Hesburgh mostly mumbled the magic words I've quoted a hundred times since. He said: "A liberal



Theodore Hesburgh

education means learning—not how to do something immediately gainful—but how to be someone ultimately beautiful."

I grabbed for my pockets, desperately groping for a pen and even the slightest scrap of paper, while my mind recycled, racing to retain the fleeting words.

The next day at the office I wrote Hesburgh a letter, identifying myself from Andrews and thanking him for an inspiring evening. I said I wanted to use his wonderful quote, perhaps even in some Andrews material about the liberal arts. Did I have the wording correct?

His reply came quickly. It was a short note on the president's stationery, obviously typed on a manual typewriter and containing some carefully corrected mistakes. The format gave some credence to the rumors I'd heard that this remarkable man types much of his own correspondence on a manual typewriter in his apartment at strange hours of the night.

The note said: "As best I can remember what I said, since I was departing from my text at the time, was that liberal education was aimed not at doing something immediately gainful (although I have nothing against this learning), but towards being someone ultimately beautiful, a good person. I believe that's what I said, Ron, so you were very close to the mark."

The note was signed, "Father Ted." And, of course, I still have it.

The Governor of Hawaii Is an Alumnus!

Photographed by Don May



Governor and Mrs. John D. Waihee, III



After only eight years on the political scene, John Waihee, a 1970 Andrews University graduate, was elected governor of Hawaii.

Reporting for the Honolulu Star-Bulletin, a journalist stated that "Waihee has excellent political skills. He is superb at steering an idea or an issue through the boiling pot of competing egos and conflicting needs that is the political process."

While at Andrews, Waihee, a history major, served as Student Association president. His wife, Lynne Kobashigawa Waihee, was graduated from Andrews in 1968 with a B.A. in English. She taught at Hawaiian Missionary Academy until she resigned to help with her husband's campaign.

Shortly after Waihee was inaugurated governor on Dec. 1, 1986, Don May, photography instructor at Andrews, held a photo session with Gov. and Mrs. Waihee at the State Capitol in Honolulu.

The Andrews University T-shirts being displayed by the Waihees were presented to them for their two children.

The photo at the left shows the governor's office.

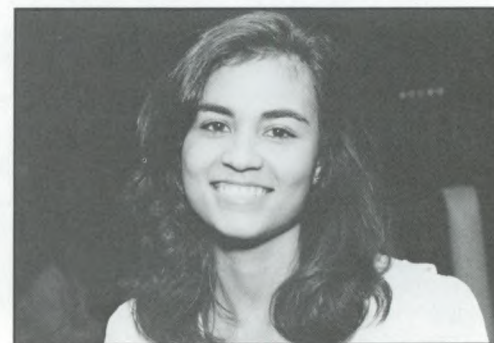


Photo by Harry Mayden

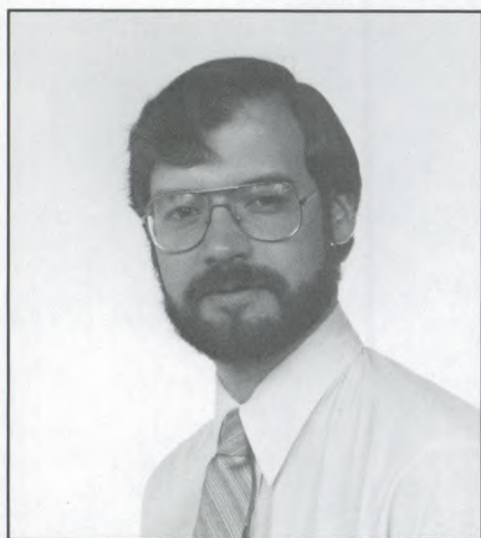
Debbie Cheeseman (above), a junior at Andrews University, attended her uncle's inauguration held at the Iolani Palace in Honolulu. "It was a beautiful ceremony," she says. Her mother and Lynne Waihee are sisters.



Passport to Adventurous Careers

The careers of three alumni illustrate the flexibility of a liberal arts degree.

by Ronald Knott



**John Nay—
From History to the
U.S. Foreign Service**

Somewhere along the line, John Nay changed his mind. When he entered Andrews as a history major, he was considering a career in law or teaching history on the high school or college level.

Yet a typical law office or high school classroom is a far cry from the work environment Nay has been immersed in since graduating from Andrews in 1976.

His first job out of college was with the U.S. government in the Department of State, attending various training seminars as a foreign service officer. After a year of Chinese (Mandarin) language training, Nay was posted to Taipei, Taiwan, as vice consul in the U.S. embassy. After the break in United States/Taiwan relations in 1979, Nay held the same position at the American Institute in Taiwan, an unofficial organization set up to maintain people-to-people relationships between the two countries.

After two years in Taiwan, Nay was transferred to the U.S. embassy in Singapore, working as second secretary/vice consul, a position he held until the summer of 1982, when he returned to the Department of State in Washington D.C. There he worked as an intelligence analyst for Southeast Asia and Korea. In 1985, Nay was appointed U.S. consul in Calgary, Alberta—his present position.

While doing all that, Nay found time to squeeze in a master's in history from Andrews, completing the degree in 1983. He says he earned it, not for any specific career goal



**Paul T. Jackson—
From Religion to
Founding a Hospital**

Paul T. Jackson is a fine example of the notion that an undergraduate major in the liberal arts can be the foundation of a wide-ranging career.

Here's a man who's had experience. Consider: a church pastor in three conferences, a conference departmental secretary; a farmer, a representative for a law reporting organization; founder, president and chairman of the board of a major Adventist hospital (Shawnee Mission Medical Center); development and trust officer at two Adventist universities, one conference and at the Christian Record

***An undergraduate major
in the liberal arts can be
the foundation of a wide-
ranging career.***

Braille Foundation; a long-time board member of the *Your Story Hour* radio broadcast and a private business man now in retirement.

Jackson grew up in Indiana, graduated from Indiana Academy and in 1941 received a B.A. in religion from Emmanuel Missionary College.

"I took a long time getting through college," he says, the smile registering in his voice during our telephone interview at his retirement



**Linda Myers—
From Literature to
Administration**

When Linda Myers graduated from Pioneer Valley Academy in Massachusetts, she had no specific career goals. But she knew she loved literature, so when she enrolled at Atlantic Union College three months later, she declared herself an English major. After a year at AUC she transferred to Andrews University, for reasons that she can only smile at now.

"I had heard that I could get some extra scholarship money from Andrews," Myers says. "My mother worked at New England Memorial Hospital, which made me eligible for the denominational educational allowance. But to keep that subsidy, I had to establish I was going to Andrews for something I couldn't get at AUC. I was sort of interested in psychology. Andrews offered a major in that and AUC didn't. So I added a psychology major to my plans, and that's how I got to Andrews."

Myers graduated from Andrews in 1970 with her double major, but she didn't linger long in the Midwest.

"When I first went to Andrews, I knew I wanted to go back to Boston when I finished." Perhaps it was a worthy goal. Boston is an exciting, beautiful city. But finding a job was another matter.

"It took me quite awhile," she recalls. "Either I was underqualified because I had no specialized training, or I was overqualified because I had a college degree. Finally, I think I must have fudged a little on admitting college, and I got a very clerical job with an insurance com-

—Nay continued

within his present profession, but with the view to teach on the college level someday.

Nay finds many aspects of his work rewarding, including the opportunity to travel, and to be involved in the formulation of U.S. policy and relations with other countries. As an intelligence analyst for Cambodia and Korea, he was involved in writing items for consideration by the Secretary of State, and was actively involved on several occasions with policy changes significant at the ambassadorial/assistant secretary of state level. He has also gotten special enjoyment out of helping in the planning and execution of three trips by Vice President Bush and one by President Reagan. This work has included the opportunity to meet with the president once, and the vice president three times, and required working closely with their staffs.

Nay believes his liberal arts degree has proved to be a good choice for the work he is doing, but he counsels that coursework should be chosen carefully. He wishes he had picked up a few classes in some other areas. He writes: "One of the major benefits of a liberal arts degree is exposure to a wide range

"I regret that I didn't take courses in business, accounting and economics, but I don't know which courses I took that I would omit to squeeze in the additional ones."—John Nay

of knowledge, human thought and the past. Facility in language is a must in so many fields, including international diplomacy, and a liberal arts degree is one of the best ways to practice and improve one's language skills. I regret that I didn't take courses in business, accounting and economics, but I don't know which courses I took that I would omit to squeeze in the additional ones."

And what of the future for John Nay? He plans to stay with the Foreign Service until retirement . . . but that comes at age 50 (after 25 years). "I will then pursue a second career," he writes.

With the wealth of experience he will have by then, built on an education in the liberal arts, he'll probably have an easy time of it.

—Jackson continued

home in Springdale, Ark. "I worked my way through at College Wood Products and the laundry," he says.

In 1945, Jackson was one of two young men ordained to the ministry in a special service held in the old chapel on the EMC campus. The other man was George Vandeman. The congregation could not know, of course, that one man would found a major Adventist hospital and the other an important television ministry. After all, in 1945, television was hardly known, and who had ever heard of a place in Kansas called Shawnee Mission?

After 10 years in the ministry in New Hampshire, Indiana and Pennsylvania, Jackson suffered a break in health. He spent a year farming, and then got a job as a representative for Commerce Clearing House, the nation's major loose-leaf law reporting organization. "In doing that work I practically earned the equivalent of a Ph.D. in business and tax law," Jackson says.

While working that job, Jackson began the exhausting struggle of establishing a brand new, self-supporting hospital. The enterprise flourished and is now a 400-bed medical center and part of the Adventist Health Systems.

From 1963 until his retirement in 1980, Jackson worked variously as a trust, development and alumni officer at Loma Linda University, Andrews University and for Christian Record Braille Foundation. During most of those years he also served as chairman of the board for his beloved hospital.

What impact did college and a liberal arts major have on his career? "It was excellent for me," Jackson says, indicating that he probably wouldn't do anything different. At the same time, he has long felt a burden for young people who might profit from programs in the trades and technology. In fact, at the time he was developing Shawnee Mission as a self-supporting institution, he gave consideration to starting some educational programs in the trades and technology. He says he did not pursue the idea because Adventist colleges, particularly Andrews, began developing various programs in technology. "The demand in technology and the vocations is so great," Jackson says. He believes that Adventist young people must always be able to choose from the liberal arts, the professions or technology.

It's an opinion that has developed through many years of experience and service. And for his own achievements, it seems that Paul T. Jackson's liberal education at EMC served him well, and us too.

—Myers continued

pany, maintaining files of automobile registration records."

She did that for two years, until a boyfriend, who had been accepted into medical school at the University of Chicago, persuaded her to trade Boston for Chicago.

"But I couldn't just follow him there," Myers recalls. "I had to have some reason of my own for doing this." So she applied for and was accepted into the master's program in English literature at the University of Chicago. A year later—by 1973—she had completed all the coursework, but on a technicality did not actually receive the degree until 1980. From 1973 until 1980 she worked at the university as an administrative secretary for a committee that administered interdisciplinary doctoral programs in human development.

During that time she met and married a student in one of those doctoral programs. In 1982, the couple moved to Baltimore. She got a job as an administrative secretary in the department of health sciences in the School of Hygiene and Public Health at Johns Hopkins University. Two years later she changed departments and titles when she was named academic administrator in the department of health policy and management, her present position. Working directly under a department chairman in one of the nation's leading research universities, Myers' responsibilities range from interviewing prospective graduate students to running curriculum committees.

Looking back over her academic and work experience, Myers has some reservations about her liberal arts background, primarily because she believes she chose it for the wrong reasons. She says she received little career guidance in her early years in college. "I naively believed that just having a bachelor's degree was all that mattered," she says. "I loved literature, but I didn't really relate that in any way to what I wanted to do with my life." Noting that the liberal arts are very valuable for those career areas that have no prescribed preparation, she says: "I would hate to see the liberal arts go by the wayside, considering all the emphasis on business and related areas. The problem for the undergraduate student is knowing whether a liberal arts degree will work for *him or her* as an individual. It would be ideal if everyone could do four years of undergraduate work in liberal arts, and wait till professional school before having to specialize. We've all seen physicians who go through years and years of training and medical school and never read poetry. They all come out looking alike."

One reason for Myers' objectivity is that somewhere after she finished graduate school, she realized she might have really preferred to have studied horticulture. But she enjoys what she is doing, even if she sometimes thinks she could also be happy doing something else that might have required more specialized preparation. "Once I got into administrative work in academics, I realized I had a past I could build a career on."

And that perhaps best summarizes what many argue to be the greatest benefit of liberal education. It gives a person a past.

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



Linda Myers, her husband Jay Magaziner and their children, Simon and Marley

Alumni Reflect on the Liberal Arts

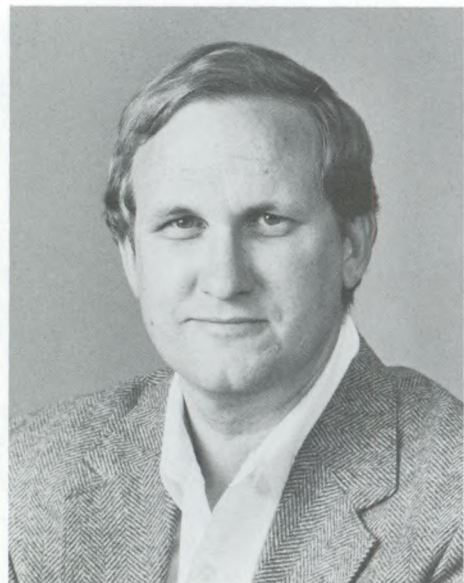
"There is something satisfying in having students seek out your course for the knowledge it imparts, not simply because it fulfills a particular requirement or meets at a convenient time of day. The same is true when people call upon you for consulting work and off-campus lectures. My liberal arts training has been especially useful to me in teaching in a non-Adventist institution because of the general knowledge of the world such training imparts.

"Within reason, I would certainly encourage my two sons to pursue college degrees in the liberal arts, preferably the humanities, and preferably history." —**Carlos A. Schwantes** (History, BA '67) is associate professor of history at the University of Idaho and director of the Institute for Pacific Northwest Studies.



"I cannot help but think that all those early years of music study from age six and on, culminating with my degrees in music, is what developed a broad appreciation for all the beauty that surrounds us—not only in the rich, lush harmonies of Rachmaninoff, but in the breath-taking glory of a sunrise, the delicate fragrance and exquisite beauty of the trailing arbutus, the grace and shimmer of a rainbow trout as he rises to the fly, the rhythm and line in a masterwork of art or a beautifully designed home. The list is endless. Although these things can be observed and experienced by most people, I believe that for me they exist in an added dimension—one of aesthetic understanding and appreciation."

—**Sandra Camp** (Music education, BMus '57 MA '66) is associate professor of music at Andrews University and executive director of the Andrews International Music Festival.



"In retrospect, I think that a liberal arts education was an excellent choice for me. If anything, the undergraduate experience should be a time when students get to see the world from the broadest possible perspective. Students ought to take their time and soak up as much as they can of what the university has to offer. I wish I had obtained an even broader perspective by traveling and studying overseas.

"The most rewarding aspect of my career comes from the constant contact I have with ideas and people with ideas. I enjoy life in the university very much. As one of my colleagues once said, 'If you are going to be poor, there is no better place to be poor than around a university.'" —**Maynard Lowry** (History, BA '68) is director of libraries at Loma Linda University and a candidate for the doctor of philosophy degree at the State University of New York at Buffalo.



"If the liberal arts degree is sufficiently rigorous, the student begins to learn how to think, how to read, and how to write in a critical fashion. A wide perspective and a disciplined mind are certainly needed in an economy dominated by task-specific training." —**Jeff Des Jardins** (History, BA '71) is an attorney in private practice at Green Bay, Wisconsin.



"Most money is made in business or medicine; however, service should also play a part.

"My public recognition comes in the area of conservation. I have set or held two national bird records and two state records. I have led trips for birders to South America, Africa, Europe, Central America and West Indies.

"I now serve as president and chairman of the board of the Audubon Naturalist Society, the fourth largest Audubon Society in America. We have 8,500 members, over 20 employees and a large mansion and sanctuary in Washington. We run the USDA graduate school field studies program, Smithsonian Natural History Speakers Program, and over 100 free trips per year, plus countless children's programs.

"By doing this volunteer work, I meet most of the important conservation and government employees who deal with this subject."

—**Floyd M. Murdoch** (History, biology, BA '63) is principal of the Spencerville Junior Academy, Silver Spring, Maryland.

Faculty Profiles

The Journey of Abraham and Sara

by Kit Watts



Sara Terian, assistant director of the Institute of Church Ministry, and Abraham Terian, professor of intertestamental and early Christian literatures.

What could bring together an adventuresome Finnish young woman and a shy young Armenian man in Old Jerusalem?

Once met, how did they talk to each other? She had used a dictionary to compose her English-language letter accepting a call from the Northern European Division to become a nurse in an African mission hospital. He spoke self-taught King James English learned from the Bible itself. (While he also spoke Arabic, French, Old and modern Armenian, and she had learned Swedish and a native language of Western Nigeria in addition to her mother tongue, what they knew of English was their most common ground.)

So how, with such backgrounds, did a marriage ever take place? After all, she maintains that had she been a Roman Catholic when she was younger, she would have chosen the life of a nun. And he spent 18 years of his youth in St. James Monastery in the Old Armenian Quarter of Jerusalem.

But their names are Abraham and Sara. And yes, today there is a son, Ari Isaac. And daughters Satu Ruth and Sonja Esther.

Was this marriage made in heaven? Probably. No other place could have managed all the logistics and details.

Abraham and Sara Karkkainen Terian hold faculty appointments at Andrews University, he joining in 1975, and she ten years later. Both rank high in the affection of their students, their peers and the scholarly community at large.

The story of their sojourn is one of God's providence in response to their faith and much hard work.

Abraham, professor of intertestamental and early Christian literatures at the SDA Theological Seminary, is recognized as a world authority on classical Armenian. As a scholar he helped uncover lost manuscripts of the ancient Jewish writer, Philo, a contemporary of Jesus. Several original Greek versions had vanished centuries ago. But Abraham helped the world recover many of the works when he found translations of them in Old Armenian. These still must be translated into modern languages, a lifetime project.

He is a graduate of the University of Basel in Switzerland where he received a doctorate in biblical studies and systematic theology. Most recently the Soviet Academy of Sciences invited him to speak at their first Inter-

Was this marriage made in heaven? Probably. No other place could have managed all the logistics and details.

national Conference on Medieval Armenian Literature. He has also been a visiting professor at the University of Chicago with appointments in the Department of Near Eastern Languages and Civilizations, and in the Divinity School. He is widely published and is currently on the editorial board of *Studia Philonica*, a journal devoted to Hellenistic Judaism.

Gentle and softspoken, he may—if greatly persuaded—share with close friends poems he has written. Whenever he speaks or lectures, people listen. His words seem to well

up from deep knowledge, painstaking study and quiet reflection.

Sara teaches courses in the architecture department and the School of Graduate Studies. In addition, she serves as director of the Center for Human Relations. She joined the Andrews University faculty in 1985 having obtained a Ph.D. in sociology at the University of Notre Dame in Indiana.

With a Liv Ullman accent, a trim and athletic figure, the expected blonde hair, blue eyes and wonderful smile, Sara projects both confidence and deference befitting her European heritage. Underneath is a woman of unique strength and fire.

She yearned to become a teacher. But the six-day school week in Lutheran-run state schools ruled out most chances of education for a Seventh-day Adventist in Finland. Then, through a special dispensation, Sara and a girlfriend were permitted to enter a nurses course and be absent from Sabbath classes. The RN became Sara's steppingstone to teaching and adventure in her sojourn of faith.

She left her mother and family in Finland when she was 22 to become a missionary to Africa. At Ile-Ife Hospital she immediately began teaching practical nursing courses, and learning English from the American missionaries. She was appointed to oversee the women and children's wards in the hospital. Being a brand new nurse she protested but was told, "Missionary nurses are *always* in charge of these wards." Sara took charge.

"I knew I needed more education so that I could do my work better," Sara remembers. She applied for a study leave at the time of her first furlough, after two and a half years of service. The division firmly told her their pol-

icy. She must have *five* years of service before a study leave might be granted. Besides, if she were considering marriage, she would have to be terminated.

"Torment and guilt filled my thoughts as I anguished over the decision," Sara said. "I felt called to be a missionary; men missionaries didn't have to give up their calling when they married. Here I was at age 25 a *returned* missionary! What did the future hold?"

Fortunately, she had stopped in Jerusalem on her way back to Finland and had hired Abraham as her guide for three days. It was another of many providences in a long and arduous journey.

While corresponding with Abraham in his far country, Sara went to work at a Helsinki hospital and applied for training in public health nursing. She was denied. Her application, she learned, was never processed because she still did not possess a standard high school certificate, only the education which had been available at the Adventist school and her subsequent RN.

But when the Finnish Conference needed an RN to administer their 50-bed non-acute care sanitarium, they asked Sara. She took charge.

"Soon the caretaker asked me when he should sand the road. The cook wanted to know how many hundred kilos of potatoes to order for the winter! I acted as chaplain, planning music and worship for the patients. I initiated the teaching of crafts for them. And then, too, I taught English to the young people on the staff," says Sara, modestly embarrassed and pleased with her own audacity.

After two years of correspondence, Sara married Abraham. Like Sarah of old, she fol-



A native of Palestine, Abraham worked as an official tour guide in the Holy Land during the early and mid-1960s.

lowed him to his country. "I was very traditional," she says.

On a roof-top in Jerusalem one night several months later she popped the question. If he could do anything he wanted, what would it be? Abraham dreamed, he said, of going to college and teaching archaeology. It was a prophetic dream.

"What prevents us?" Sara asked, characteristically ready to go. She was pregnant with their first child.

Abraham was mostly self-taught and doubtful of his competence. When he was six, his family had taken refuge in the St. James Monastery, losing their home and extensive properties during the confusion of the Israeli war for statehood. But his eighteen year "captivity" eventually paved the way for his contributions in the scholarly world. The archbishop knew Old Armenian. Abraham's mother encouraged him to take lessons. Hunched over his books on the stone floor of their crowded quarters, the boy studied a language as different from his daily speech as Old English is from modern usage.

A Seventh-day Adventist missionary believed Abraham could pass the stiff exams required of those who wanted to become official tour guides in the Holy Land. He insisted on fetching Abraham to the exam. Abraham passed with flying colors. Could he also go to college?

Yes, Abraham and Sara set out by faith for Middle East College. He would study and she would nurse; between them they'd manage the baby somehow. It was a pattern of life as both sought their ultimate goals—education.

One year later, when the world around them erupted in the Six Day War, they had tickets for America. War still had the Beirut airport closed. They escaped on a ship taking Scandinavians to Cyprus, and from there with refugees being flown to Copenhagen, they awaited passage to the United States as immigrants. The months of delay proved providential. They arrived in America just after Abraham passed the age of eligibility for draft to the Vietnam War.

While Abraham attended La Sierra College, Sara worked the night-shift at a nearby hospi-

tal. "We saw each other, literally, *in passing*," Sara remembers. In three years, Abraham received his B.A. degree. During their stay at La Sierra, a second child was born.

Andrews University was their next destination. Pulling a U-haul trailer that was heavier than their own car, Abraham and Sara and their two small children drove from California to Michigan at 45 mph. Sara got a job at Ber-

The author said that many of Philo's works were lost. "But I was sure I had seen some of them."—Abraham Terian

rien General Hospital; Abraham earned his M.A. in archaeology and history of antiquity. Moving on to Drew University, Abraham began doctoral work. Sara was a nurse in the student infirmary at night; she was pregnant with their third child.

At his first doctoral seminar at Drew, Abraham's professor met the class saying, "Before you study the book of Hebrews go read Philo!" and dismissed them.

Philo, an Alexandrian Jew, had written prolifically in Greek, reinterpreting Judaism in Hellenistic terms. His impact upon early Christian thought was significant. Before reading the ten or twelve volumes of Philo available in English, Abraham picked up an introduction to Philo. The author said that many of Philo's works were lost.

"But I was sure I had seen some of them!" exclaimed Abraham. He immediately wrote to his brother in Jerusalem and told him where to look in the monastery, even on what shelf. They found three complete Philo manuscripts and portions of others. The Greek text was lost—but here were Old Armenian translations made in the sixth century! To date, the



For two and one half years, Sara Karkainen served as a missionary nurse at Ile-Ife Hospital in Nigeria, Africa.

Armenian versions account for recovering half of the lost Philo works.

Since Old Armenian is practically a lost language itself, Abraham's special task became clear—but not easy.

He once said translating the texts would be his life's work. Today he laughs, "Ten lifetimes are needed!" At the University of Basel he undertook as his dissertation to translate and comment on just one of the volumes. It took six years.

The work is complex because the Armenian translators, who were amateurs at Greek, simply pegged an Armenian word to each one, totally disregarding their native idiom and word order. Not knowing Greek, an expert in Old Armenian would make little sense of the translation. The work involves translating from Old Armenian back into Greek and then into a modern language like French, probably going through English on the way. (The Sources Chretiennes in Lyon, France, commissioned Terian several years ago to prepare two volumes which will complete the French edition of the works of Philo. With the publication of these remaining volumes the scholarly community will have the first complete edition of Philo's writings in any language. They are the most important extra-biblical source for the study of the New Testament.)

Because scholars have other works of Philo in both Greek and Old Armenian, there is a beachhead from which to work. Abraham shakes his head, "But I know three scholars

who have actually died in the midst of this work!"

In 1975 the Terians moved back to Andrews University and Abraham, who had dreamed of teaching archaeology, began to do so.

"Now I had a university on my very doorstep—and because Abraham was on the faculty I could take free classes," Sara said. "At last I could really begin school." It had been a long wait. She plunged into a B.A. in sociology like a swimmer racing for the gold. Combining classes with exams for credit,

"At last I could really begin school," Sara said. It had been a long wait. She plunged into a B.A. in sociology like a swimmer racing for the gold.

Sara registered as a freshman for two years and a senior in the third year!

"Now that I had begun to taste that for which I had longed, it would have been terrible to stop when I only had a spoonful!" she exclaimed. At Western Michigan University in Kalamazoo she studied for her M.A., finishing it off with a 300-page thesis. Upon reading it,

the dean was so impressed that he wrote on the title page, "We should have given her a doctorate."

While Abraham taught, traveled and wrote, and the children became teenagers, Sara began her Ph.D. at the University of Notre Dame in 1981. She won the sociology department's John F. Kane Award in 1982-83 as the graduate student showing the greatest academic excellence.

"I was impatient to learn. I even began to wonder if I had an addiction," Sara laughs. "I heard a smoker say he was only able to give up smoking when he prayed for the Lord to take away his taste and desire for tobacco. As I faced my dissertation, I prayed that prayer—take away the taste and desire for this if it is wrong. Nothing changed; I took it as a sign of God's blessing and went to work. The family fed and helped me. I finished in 1984."

The journey of faith has been often graced by providence and always undergirded by hard work. And like most such journeys it is not an end but another beginning.

A son and two daughters are looking at their goals in higher education. Sara wants to publish from her master's thesis and her doctoral work. Both she and Abraham are in demand as speakers and lecturers. They love teaching. And, it seems, there will always be more Philo to translate and comment on.

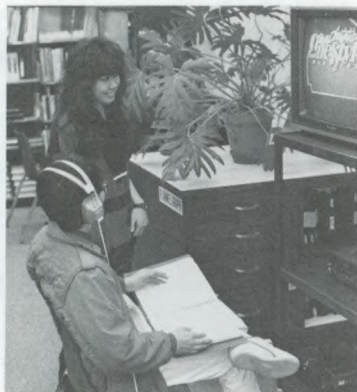
Kit Watts was periodical librarian at the James White Library at Andrews University when she wrote this article. She is now an assistant editor of the Adventist Review.



With Sara and Abraham are their children, Satu Ruth (left), Ari Isaac, and Sonja Esther.



Making a Not-So-Odd Couple: Technology and the Library



by Wanda J. Bryant

When Dixie Birmingham, a graduate student, took Seminar in Medical Technology, she was faced with the challenge of finding the most updated information on *Staphylococcus epidermidis* and presenting it at the seminar.

Rather than relying on the traditional method of manual research, she turned to the "computer search" in the James White Library to do much of the work for her. Although she thought hers was a limited topic, the computer produced nearly 200 references on it for about \$40.

"It was easy to use," she says. "I imagine it would have taken me about 100 hours by hand." The user is only required to fill out a form with key words. Library staff are the ones to actually key in to the computer. "It only took about one week. And it was well worth it," Birmingham says.

Students, however, are not the only ones to use the computer search. Dr. Patricia Mutch, director of the Institute of Alcoholism and Drug Dependency, uses the computer as a subscription information service. The institute subscribes to quarterly published research abstracts dealing with drug abuse and other topics, mainly in prevention. The abstracts must then be edited to fit the institute's particular needs.

Computer search is one way technology has brought changes to the James White Library. Many other aspects of the library have also been touched by computerization.

One such example is automation. "This library has been the leader of computerization in Michigan," says Marley Soper, library director. In fact, the James White Library was the first in Michigan to join the Ohio College Library network in 1976. This network allows the library on-line access for cataloging, inter-library loan information and other services

through the Michigan Library Consortium. Thus, students have access to almost any information even if it's not directly carried in the library itself.

"Considering the school's size and budget, I think this is a really good library," said Rebecca Dunn, a senior management major. "Even when you can't find something, you can usually get whatever books or articles you need with an inter-library loan."

According to Harvey Brenneise, head reference librarian, there is presently a plan of expansion which includes computerizing the entire card catalog. Currently, there is a split system with the new material being put on computer and the old being kept on the card catalog. A complete transition will cost approximately \$200,000 to \$250,000.

This new system will utilize a stand-alone unit and a number of terminals for referenc-

"This library has been the leader of computerization in Michigan." Marley Soper, library director.

ing, rather than the traditional standing catalogs which cost several thousand dollars per section to maintain.

There are a number of advantages to the new system. For instance, there will be, not one, but several copies of catalogs which can be accessed from outside the building. Maintenance, too, will be easier and thus less time consuming. However, the most significant result will occur in the research process itself. Rather than being limited to just a few key words to access information, the computer will be able to use a number of different

words, dates, and geographic locations to form relationships when searching its memory. This will make the research process much more efficient.

The computerization is not limited to the card catalog, however. It is an integrated system. Circulation records can also be computerized, providing automatic checks on due dates, book holders and materials owned. Presently, the electronic mail is used for making book requests, and the computer can access the records of over fourteen million books in 5,000 or 6,000 different libraries across the country. The library system uses a CD ROM with 550 megabytes for both referencing and indexing purposes.

The research process has been improved in other parts of the library as well. The Teaching Materials Center (TMC), which contains thousands of audiovisual and printed self-tutorial aids, has grown considerably since its inception in 1969. What began as a curriculum room used for storing 8mm film loops has become a learning center which provides overhead transparencies, filmstrips, records, cassettes, slides and video tapes on subjects from the Bible to cooking to the occult.

Perhaps the most valuable, and yet, most under-utilized tool in TMC is the Educational Resource and Information Center (ERIC), a microform collection which contains over a quarter-million unpublished documents relating to education and which indexes thousands of periodicals. "A lot of times when doing research, I've found information in ERIC that I couldn't have found anywhere else," says Kristi Floyd, a senior majoring in economics.

Dr. Richard Powell, TMC director, notes that while most big universities have this system, the James White Library is one of only 700 libraries in the world to have a system this

complete. "This is the most systemized and used data base system in the world," he says. TMC receives an additional 1,000 to 1,500 documents each month, and because it is updated monthly, it is the most current source of information available. "ERIC does not displace books," stresses Powell, "rather, it supplements them."

The periodicals department is a self-contained unit which serves as a "library within the library." This is so because all ordering, processing and referencing are done internally which enables the staff to better assist the students. It is also distinct because of its size. It contains the largest, broadest periodical collection among Adventist schools.

According to Kit Watts, periodicals librarian, technology has greatly improved efficiency in the department and will continue to add changes over the next five years.

One change that has improved the research process involves two mechanized indexes which were purchased about seven years ago. These microform indexes are easily updated every thirty days by a computer. The cost of the mechanized process is \$2,000 per year compared to \$200 for the book form. However, the microforms' efficiency makes them cost effective.

There has also been automation in the office procedures. The department, which subscribes to 3,459 different journals, is able to keep accurate records of the periodicals received, their costs, dates and other informa-



tion, all with the use of a computer. This time-consuming procedure used to be done manually.

Last January the Heath Company donated a SIGI computer program to the Career Information Center as a community service. This program allows the user to pin-point occupational interest with relative ease. For many students it serves as an answer to their career questions, while other students find that it simply reinforces their ideas about career options.

"I already knew what I wanted to do," says Aldene Preddie, a freshman nursing major, "but now I know even more about my field."

Certainly the most unique aspect of the James White Library is its strong concentration of religious, particularly Adventist, literature. In fact, there are three separate departments in the library dedicated to the religious foundation of this institution: The Heritage Room, the Ellen G. White Estate Branch Office, and the Seminary Library. These, too, have seen changes as a result of technology.

The Heritage Room is a Seventh-day Adventist archive and research center that contains an extensive collection of rare books, publications, periodicals, as well as private papers of former and present church leaders. The archival collection is stored on electroni-

cally controlled shelves equipped with safety bars. Acid-free boxes or folders hold the papers in the vault, which has built-in temperature and humidity controls. An estimated 80,000 obituaries compiled from the *Adventist Review*, *Lake Union Herald*, and other periodicals are also kept here, as well as dissertations, theses and term papers which prove invaluable to many people in their research.

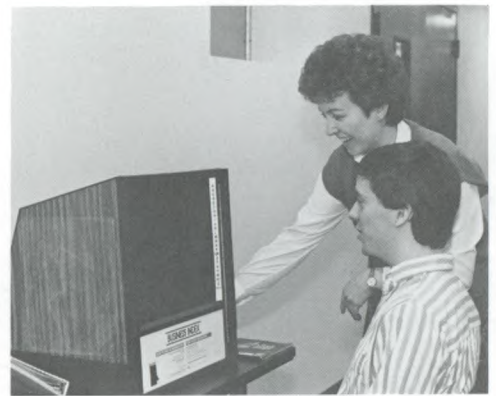
The Ellen G. White Estate Branch Office, while under the direction of the General Conference, is located in the library. The collection is very similar to the one at the main office in Washington, D.C. However, it offers some additional resources not found at the main office. Established in 1960, the estate contains a complete collection of Ellen White's books and copies of her letters and manuscripts. The collection has a host of other priceless resource materials pertaining to the early Adventist church.

The James White Library has come a long way since its Battle Creek beginning in 1875. From 200 donated books, it has grown to 925,213 bibliographic items.

The latest addition to the estate's research aids is a laser disc concordance which provides an exhaustive concordance of 35,000 key words in Ellen White's published writings. This gives the user quick, easy access to all references where key words and statements may be found.

Although very much a part of the James White Library, the Seminary Library appears to be a separate entity in many ways. It has its own reference collection, periodicals, pamphlets and microform collections. According to Dr. Warren Johns, seminary librarian, the Seminary Library has 117,000 books, 550 periodicals and 10,000 microforms dealing with religion and theology. However, he adds, probably the biggest misconception about this collection is that it is only for seminary students. There are a number of materials addressing various topics including philosophy, psychology, Judaism, Islam and the occult. The department adds a couple thousand books each year with an emphasis on materials pertaining to Daniel, Revelation and the subject of the Sabbath.

Johns stated that the department is currently subscribing to a "computer Bible" which serves as a grammatical aid in studying the Greek and Hebrew Bibles. The Bible, which has been compiled with the aid of a



computer, is in book form. The department also plans to put many English versions of the Bible on a computerized concordance for easier accessibility in locating passages and for better understanding of the Bible.

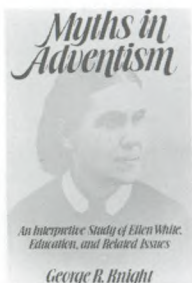
The James White Library has certainly come a long way since its beginning in 1875. The first library was established at Battle Creek College. At that time it consisted of only 200 books donated by patrons and friends of the college. In 1961 the present library was built. In 1977 when the collection had grown to 120,000 volumes, an addition to the library more than doubled its physical structure and tripled its volume capacity.

As of August 1986, the 96,000 square-foot facility holds 925,213 bibliographic items, including 481,533 books, 268,496 volumes on microforms, 3,841 government documents and 131,254 pamphlets and miscellaneous print materials. "If you just take the time to get to know the library, you realize it has a lot to offer," says Karen Thomas, a sophomore health psychology major.

The James White Library, impressive in both its history and present role, is also preparing for the future by keeping current with technology. Serving as the university's cornerstone, it continues to provide the key for opening doors—both professionally and spiritually. As stated by W. G. C. Murdoch, former dean of the Theological Seminary, in 1962 at the Act of Dedication, "May God make it (the library) a place where teachers come to learn beside their students; where the public is welcome to share its riches; where the annals of God's church form a living part of the study resources; where thoughts may be born in youthful minds, be nurtured in places of labor at the ends of the earth, and return here in columns of print to quicken in other youths new thoughts, new dedication."

Wanda J. Bryant is a senior public relations major.

Bookshelf



George R. Knight, **Myths in Adventism: An Interpretive Study of Ellen White, Education, and Related Issues** (Hagerstown, Md., Review and Herald Publishing Association, 1985), 272 pp., \$16.95.

Reviewed by Kenneth H. Wood

Myths in Adventism is destined to be a controversial book. It will be controversial for at least three reasons: First, because of its title. Without reading the book, some Adventists will assume that the author is among the current group of critics who are trying to tear down the church and undermine confidence in its doctrines. Second, because the first chapter is titled, "The Myth of the Inflexible Prophet." This sounds like an attack on Ellen G. White. Third, because some "liberals" will consider the volume too conservative, even a "whitewash job."

I read the book as soon as it was published, finishing it on Dec. 20, 1985. Since that time I have loaned it to friends. I consider the author not only a solid Seventh-day Adventist but a committed believer in the inspiration of Ellen G. White; thus, I regret that because of its title and the fact that the word *myth* is included in the title of every chapter, many readers will be unable to shake the feeling that the author is an enemy of the church, not a friend. Even loyal, constructive critics of the church suffer these days because of the prevailing climate of controversy, skepticism, and iconoclasm.

Apparently, the author was apprehensive that his book might be considered "anti," for in his Preface he writes: "My hope is that my readers will let this book speak for itself and will react to its message, rather than to their perceptions of the author as a liberal, conservative, or anything else except a Christian Adventist who is seeking a fuller understanding of mankind's needs as they relate to God's eternal truth."

All the "myths" the author discusses relate to Adventist education, but his hermeneutic will be useful in dealing with Ellen White's counsel not merely on education but on every aspect of Christian life.

The author places the educational myths in three categories—"Historical

and Philosophical Myths," "Myths About Institutions and People," and "Myths About Curriculum and Methods." In the first category he includes the myth that Ellen White provided a "blueprint" for Adventist education, the myth of the "the good old days," the myth that Ellen White's ideas on education were 100 years ahead of her time, and the "accreditation myth."

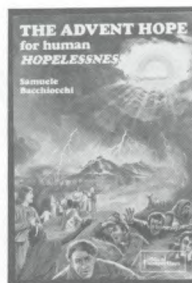
In the second category the author places the myth of the omnipotent school, the myth of the teacherless home, the myth of "up" and "down," the myths about human nature, and the myth of the ignorant Christian. Readers will be both stimulated and inspired by his discussion of the importance of parenting and the Christian home. His discussion of why mothers work outside the home is particularly helpful.

Among the topics discussed in part three of the book are: recreational myths, manual labor myths, the myth that bigger is better, the myth of the quiet classroom, and the myth of the Bible as omniscient textbook. On the last point he says: "The call is not for Christian educators to discard all teaching materials except the Bible, but for Christian teachers to help students see and think about the meaning of every topic from the biblical perspective." The chapter on recreational myths is especially relevant. Depreciating the value of competition in both education and sports, the author says: "The challenge for Christian education is not to promote emulation and competition, but to curb and moderate such attributes. Ellen White stated that 'in God's plan there is no place for selfish rivalry.' . . . God's ideal is cooperation, not competition."

Myths is well footnoted, the footnotes being placed together at the back of the book. Thus the references are available for the scholar but are not a distraction for the casual reader. The book also has an excellent index, which makes it easy to find material in which the reader may have a particular interest.

On the book jacket Robert Olson, Secretary of the White Estate, is quoted as saying that *Myths* "should be required reading for every Adventist administrator, educator, pastor, and church member." I agree. By dispelling myths that tend to divide, it will help produce unity.

Kenneth H. Wood (MA '59), is Chairman of the Board of Trustees, Ellen G. White Estate.



Samuele Bacchiocchi, **The Advent Hope for Human Hopelessness: A Theological Study of the Meaning of the Second Advent for Today.** Biblical Perspectives 6, (Berrien Springs, Mich.; Biblical Perspectives, 1986), 424 pp., \$14.95.

Reviewed by Sakae Kubo

This latest work of the prolific writer is in a sense a companion book to his previous work, *Divine Rest for Human Restlessness*, the title of which parallels this. This major work deals with the topic of the Second Coming.

The first quarter of the book deals with various aspects of the advent hope such as the nature of the biblical hope, the advent hope in the Old and New Testaments, the certainty of the advent hope, the delimitation, and the imminence and distance of the advent hope. The next section (more than one third) deals with the signs. The remainder deals with the neglect of the advent hope, the judgement and the advent hope, the consummation and living the advent hope. The major portion of this last section deals with the judgement.

There is very little to argue regarding the main thrust of the book. However, I would like to point up some areas where the book could have been improved. The problem text, Mark 9:1 (pp. 87-89), needs to be more adequately explained. The explanation given for Mark 13:30 (pp. 89-91), especially his use of Matthew 12:41-42, cannot stand scrutiny. His explanation of the Greek imperfect tense in Luke 17:27 as suggesting repeated marriages by the same person (p. 167) cannot be defended, especially since the author himself had said (p. 162) regarding the same verse that the imperfect expresses customary action and that none of these activities (eating, drinking, marrying and giving in marriage) is wrong in itself. Questionable interpretations are also found in regard to Matthew 24:8 (p. 182), Revelation 5:9 (p. 319), and Hebrews 9:27-28 (p. 330).

Perhaps the most controversial section is his treatment of the signs. The author states that "the precursory signs of the Second Advent are designed to be witnessed to some degree in every generation in order to constantly nourish the advent hope in

the hearts of believers" (p. 127). He calls these "generic signs" which do not indicate imminence but only the certainty of Christ's coming. He considers them as highway markers but not as highway mileposts. But if I have been on the road for some time and the highway markers simply keep indicating that I am on my way to my destination without any signs of progress, I would begin to wonder whether the highway markers were correct. One could easily see that after a while the certainty would be questioned.

Bacchiocchi stretches out the meaning of antichrist to include the Maharishi Mehesheh Yogi, pagan cults, secularism, and atheism. He is also so intent in dealing with the sexual revolution as part of the signs prophesied by Christ that he intimates that when Jesus said that in the days of Noah and Lot people were marrying and giving in marriage that Jesus had in mind the immorality depicted in Genesis 6:2 and the homosexuality that was practiced in Sodom.

According to Bacchiocchi, God is judged and vindicated by the post-advent examination of the records of the wicked by the righteous. He seems to indicate that there may still be some doubts, some questions regarding God and His love and that the examination of the records are necessary in order to remove all doubts. However, he seems to have a bit of a problem with this concept because he prefaces his remarks with the idea that God is not on trial, and he argues forcefully that God indeed cannot be on trial, but that, in fact, all the universe is on trial. It is difficult to see how God can be on trial after six thousand years of His love, His long years of patience and long-suffering with His children, finally His ultimate act of love in giving His own son, and personal confirmation in our own experience.

If the author had been more careful, more judicious in his use of texts, more balanced in his presentation, not trying to prove too much, recognizing that one does not have all the answers, his book would have been much better than it already is. Still, we owe a debt of gratitude to him for his comprehensive work on the second advent. He has brought together a mass of material and has dealt with the issues in some cases with a fresh approach.

Sakae Kubo (BA '47, BD '55), is academic dean at Atlantic Union College, South Lancaster, Mass.

(Both books reviewed in this issue may be obtained at Adventist Book Centers.)

Alumni News



Reuben Roundtree, BSA president, left, presents the Model of Pastoral Leadership Award to Auldwin Humphrey.

Humphrey Presented Pastoral Award

Auldwin Humphrey (BD '68), pastor of the Highland Seventh-day Adventist Church in Benton Harbor, Mich., was presented with the Model of Pastoral Leadership Award at an awards banquet given by the Black Student Association of the Seminary and its sister organization, Regional Seminary Wives Association.

Humphrey was cited for outstanding contributions to the community and seminary life. Since coming to Highland in 1984, he has led the church to a 25 percent tithe increase, has helped establish the Highland Development Corporation, and has promoted several new in-church ministries including the the Caring Club (for youth), the Senior Citizens Club, the Cassette Tape Ministry, and the Family Life Ministry.

In addition to his pastoral responsibilities, Humphrey is active in several community organizations. He is chairperson of the Tri-County Ministerial Council for Employment and Economic Development, co-chairperson of the Benton Harbor Substance Abuse Taskforce, member of the Benton Harbor Development Forum, and program director of the 1986 Martin Luther King Celebration sponsored by Beat the Drum, Inc.

Humphrey is a recognized leader in soul winning and recently added 230 people to the Sharon Milwaukee Church through his innovative evangelism strategies. Since this crusade, Humphrey has formed the Highland Bible Institute to assist other pastors and lay persons in evangelism.

Humphrey is married to Adele Seay, and they have four children.



The Jamaican government conferred the order of Commander of Distinction on Edith (Jean) Marshallleck.

Jamaica Confers Honor on Marshallleck

Sir Florizel Glasspole, Governor-General of Jamaica, conferred the order of Commander of Distinction on Edith (Jean) Marshallleck (MA '75 EdD '84) at the Heroes Day celebration, Oct. 20, 1986. The honor was in recognition of her public service to the government and people of Jamaica.

The national honor was awarded to Marshallleck on the recommendation of the Prime Minister and the Minister of Finance.

At the time of the conferral, Marshallleck was director of budget and deputy financial secretary in the Ministry of Finance. She has recently been appointed permanent secretary in the Ministry of Public Service, becoming the first woman tertiary

head of the Jamaica Civil Service.

For the past 30 years she has served in various senior administrative roles in finance and planning, in educational projects coordination, budget analysis and as acting principal of a high school and as teacher.

A member of the Andrews Memorial Hospital Church, Marshallleck has been active in a variety of church offices.

She is married to Alton B. Marshallleck (MBA '76), until recently the vice president for development affairs, West Indies College, Jamaica. He is presently director of financial services, Pullman Health Systems, Pullman, Mich. They have two children, Sheryl and Hans.

New Alumni Chapter in Washington, D.C.

From the more than 600 alumni living in the Washington D.C. area, 60 gathered in the Washington Auditorium Nov. 8, 1986, and elected Ron Wylie BS '59 as president of their newly organized chapter. Mark Driskill (former staff) was elected secretary/treasurer.

University President W. Richard Leshner was in attendance as well as vice presidents David Faehner and Ed Wines. These university administrators updated alumni on current events at Andrews. The premier showing of the new alumni slide presentation, "Andrews People," also took place at this organizational chapter meeting.

Wylie, a graduate of the University of Michigan law school, is director of the Office of Congressional and External Affairs for the Social Security Administration.

Driskill, former public information officer at Andrews, is currently director of communication for the General Conference Risk Management Services. He made arrangements for the Nov. 8 meeting and assisted the alumni office in housing Andrews students participating in the Career Shadow program in Washington D.C. (See story on page 5).



Director of alumni affairs Rebecca May meets with officers of the newly formed Washington, D.C. alumni chapter, Mark Driskill, secretary/treasurer, left, and Ron Wylie, president.

Class Notes

1930s

Butler-Wical, Grace BA '32 is retired and living in Newbury Park, Calif.

1950s

Brummett, Esther (Ruf McNeal) DP '56 is a secretary in the Sabbath School Department of the Southeastern California Conference in Riverside Calif.

Damron, Chester MA '58 MA '67 received a Staff Recognition Award from Memorial Hospital in South Bend, Ind., "for showing concern and humaneness toward a particular individual in the Emergency Department." Chet received the award while in a 12-month resident chaplain's program at Memorial Hospital. He is now staff chaplain at Florida Hospital in Orlando. His wife, **Mary Jean** (former staff), is a secretary for Adventist Health System/Sunbelt. The Damron's three children, Delisa, Don and Debra, live in Berrien Springs.

1960s

Beardsell, Derek Crowther MA '67 PhD '84 is district pastor for the South England Conference. He started church employment in Tanganyika in 1955, spent 20 years in East and Central Africa and ten years in the British Union and at Newbold College. He has worked as a teacher, secretary, pastor, men's dean, union and division administrator. While union president in Tanzania ('76-80) Derek coordinated the development of new union headquarters. He enjoys travel, hiking and meeting people. **Joy** (former student/staff), his wife, is an administrative secretary for the Trans-European Division. They have three children all in the medical profession: Eileen, Beryl and Robert.

Brown, George W. MA '61 is president of the Inter-American Division in Florida. His wife, Carla, is a secretary there. They have four children, Della-Vern, Beverly, Carlita and Arlene.

Hamel, Glen BS '62 MA '67 is president of Regency Retirement Group, Inc., a company that builds and manages retirement communities. Glen also teaches courses in health care administration at Nova University. He and his wife, **Janis (Yoder)** BS '67, live in Plantation, Fla., where Janis is director of in-service education for Broward County School System.

Kober, Carol (Inman) BS '60 taught elementary school for 11 years in the

New Jersey Conference and moved to Fresno, Calif., in June 1986. Her husband, **Christof** (former student), is associate director of church ministries for the Central California Conference. They have two sons, Neal and Kevin.

Larsen, Herbert S. MA '66 is a minister and serves as president of the Alberta Conference in Canada. Previously he has served as a pastor, lay activity director and conference secretary. Herbert's wife, Lorraine, is communication director of the Alberta Conference. They have two sons, Donovan and Gregory.

Mathews, Peter BA '66 is choral director at Beach United Methodist Church in Jacksonville Beach, Fla. He recently graduated with a doctorate in choral conducting from the University of Missouri/Kansas City. His dissertation is on the setting of the *Vespers* for soloists, chorus and orchestra. Peter's son, Roland, is a high school senior this year.

Peters, Vance BS '65 works in the logging industry operating a faller-buncher in British Columbia. His wife, Judy, teaches at Okanagan Adventist Academy in Kelowna, B.C. They have two children, Alvin and Terry.

Schlunt, Charles BA '62 MAT '79 MS '83 joined the business faculty of Pacific Union College in January 1987. Most recently he was director of data processing for the Inter-American Division in Florida. While in Miami Charles was a church elder, Sabbath School teacher and, with his wife, **Janet (Wildman)** BS '62, conducted Revelation Seminars and Marriage Commitment Seminars. The Schlunts have three children, Sylvia, Norman and Raewyn.

Ward, Rosie BMus '65 MA '66 is professor of ear training, music appreciation and piano and choir accompanist at the new Corpuia University in

Columbia, South America. She says "We see the need for music evangelism and that is why, although we're overloaded, we keep on and enjoy it." Rosie works with a 50-voice choir, 24-voice chamber group and four-octave handbell choir.

1970s

Bandel, Vicky (Wall) BA '75 is self-employed with Vicky's Interiors and lives in Clackamas, Ore. Her husband, **Bruce** (former student), is publishing director for the Oregon Conference. The Bandels have two children, Rachel and Ryan.

Barg, Rose (Evans) BS '77 is cradle roll leader at their church in Auburn City, Wash., and her husband, Donald, is a deacon there. In 1985 they took a European vacation. Rose has worked as a critical care nurse and vocational rehabilitation counselor. Currently she is home full-time with their two small children, Amanda and Ryan. Donald is a structural design engineer with a firm in Seattle.

Bauer, Richard G. BA '78 is a teacher and pastor for the Alaska Conference. He and his wife, **Diana (Fischer)** clerical '73, live in Wrangell, Alaska, with their two children, Timothy and Lisa.

Buckman, David D. BA '71 is an emergency room physician at Shady Grove Adventist Hospital in Rockville, Md. His wife, **Dorothy Jeanne (Caviness)** BA '73, received a master of science in library science from Catholic University of America and is teaching one of their daughters at home. Their children are Jeanne Marie and Ladele Maye.

Creech, Dale E. BA '75, a lawyer, recently left employment at Kettering Medical Center after six years to accept a position as senior vice president and general counsel of Mid-America Health Systems. His wife, Carolyn, is a nurse at Kettering Medical Center. They live in Centerville, Ohio, with their daughter, Ashley Renee.

Fulfer, James G. MDiv '71 recently retired after 17 years of mission service—the past six as director of ADRA/Haiti. His wife, **Olive (Tyson)** BS '71, served as director of community services there.

Gessele, Glen G. MDiv '72, after pastoring seven years at the church in Gaston, Ore., began pastoring the Hillsboro, Ore., church in June 1986. He and his wife, Marybeth, have two teen-aged sons, Todd and Chad.

Gibbons, Edwin K. MDiv '70 is an elementary school teacher for the Oregon Conference and lives in Klamath Falls, Ore.

Hamel, Gary BS '75 MBA '76 is employed by London Graduate School of Business Studies in England and has an active consulting practice with European and American multinationals. Gary has been published in the *Harvard Business Review*, and *Strategic Management Journal*. He is on the board of Competitive Management Initiative, Europe's fastest growing management development company. Gary's wife, **Eldona (Findley)** (former student), is a watercolorist, exhibiting in local galleries. They have two children, Paul and Jessica.

Hammond, Cecil B. MA '71 is director of the centre for continuing education of the Southern Asia Division. He formerly served as director of education for the South India Union and has written/co-authored textbooks for elementary and high school level in English, science, literature and handwriting. Cecil is a member of the Governing Body Council for the Indian School Certificate and also of the local Rotary Club and YMCA. He and his wife, **Annie** (former student),



Charles (BA '62 MAT '79 MS '83) and Janet (BS '62) Schlunt with family.



David (BA '71) and Dorothy Jeanne (Caviness BA '73) Buckman with Ladele and Jeanne.



Steve Ummel (left) and Chester Damron.



Rose (Evans BS '77) and Don Barg with Amanda and Ryan.



Lyell (MDiv '75) Heise with wife, Gaylene and children, Leighton and Chantal.

are planning to visit friends and relatives in the UK and USA this year. Annie is copy editor with Oriental Watchman Publishing House in Pune, India.

Heise, Lyell V. MDiv '75 is senior pastor of the Avondale College Church. His wife, Gaylene, is a part-time secretary. Lyell has developed an interest in worship and music, working with the music for camp meeting, evangelistic crusades from Australia to Manila, and as guest lecturer on the subject. The Heises have two children, Leighton and Chantal.

McCalla Jr., Wilfred S. BSW '76 is director of special projects at the Commonwealth of Massachusetts' Executive Office of Elder Affairs, where he consults and assists in developing programs that integrate health and social services for 45,000 elderly clients. Wilfred is listed in the 1986-87 edition of *Who's Who Among Human Services Professionals*. He lives in Wakefield, Mass.

McKenney, Patti L. BS '79 is a staff attorney for UAW-GM Legal Services Plan in Grand Rapids, Mich., and is a Big Sisters volunteer. She married David Van Luven in January 1986.

David works with Hudsonville Trailer Inc.

Mercado, Carmelo BS '76 MDiv '79 married Rosanne on June 1, 1986. They are involved in a team ministry at the Northwest Church in Gary, Ind., and the East Chicago Spanish Church.

Myers, Linda BA '70 is academic administrator for Johns Hopkins School of Public Health in Baltimore, Md. Her husband, Jay Magaziner, is professor of epidemiology at the University of Maryland School of Medicine. They have two children, Marley and Simon.

Neall, Ralph E. MDiv '71 PhD '82 was named chairman of the division of religion at Union College in August 1986. His wife, **Beatrice** MA '71 PhD '82, also teaches at Union College. They have two children, Randolph E. and Cheryl Smith.

O'Connor, Kathy (LeBard) BA '78 teaches art at Auburn Academy in Washington. Her husband, **Kerry** (former student), is a dentist in Auburn. They have three children, Kelly, Kirt and Kyle. Kathy writes: "To all our good friends a big Hello. If you're in the area do look us up!"



Kathy (LeBard BA '78) and husband, Kerry (former student) O'Connor with Kelly, Kirt and Kyle.



Carmelo (BS '76 MDiv '79) and Rosanne Mercado.



Gilbert (MA '79 PhD '82) and Gail Valentine with Andrew Murray and Lincoln Duane.

Pereyra, Ruben MA '79 DMin '80 is president of the Austral Union in Buenos Aires, Argentina. Eliana, his wife, is coordinator of the Shepherdess organization in the same union. They have four children, Magaly Loose, Mirna Ludi, Susana Cayrus and Brenda.

Pilmoor, Brian MA '72 and his wife, Dorothy, spent 13 years in mission service in Zambia and Zimbabwe, three years in pastoral work in Eastbourne, South England and eight years in the Huddersfield, Halifax and Barnsley area. Last year they cared for three churches in Birmingham, England. The Pilmoors are now retired, living in Egham, Surrey, U.K. They have two sons, Victor and Roy.

Rau, Janet (Galbraith) BS '70 lives in Wilson, Mich., and works as an artist/potter.

Sanders, Marilyn A. BS '72 since graduation has taught home economics at Cedar Lake Academy, PUC Prep School and Cape Junior High. She became a registered nurse in 1983 and has worked in neurosurgical intensive care at Loma Linda Medical Center. Marilyn recently moved to Southern California where she is working in post anesthesia recovery at St. Joseph's Medical Center in Orange, Calif.

Sinnett, Dallas E. BS '79 is general manager of Automated Business Concepts and lives in San Diego, Calif.

Spruill, Karen (Mang) BA '74 is marketing director of Growth Unlimited in Battle Creek, Mich., and director of the Mother's Center, a support group for mothers with pre-school children. Karen is also chairperson of the Battle Creek Tabernacle Family Life Committee. She enjoys writing, reading and women's ministries. Her husband, **Timothy** BA '73, is a psychologist at Battle Creek Adventist

Hospital. They have two children, Zachariah and Lauren.

Swart, Earl H. BS '78 is a purchasing agent for Prime Battery in Anderson, Ind. His wife, Gwen, is a homemaker. They have two children, Elizabeth Joy and Daniel Earl.

Teeuwen, J. Frank MDiv '77 and his wife, **Judy (Marsh)** BS '77, recently moved to Gambia, West Africa, where Frank is serving as principal of the New Jeshwang Primary School and director of ADRA. Judy is teaching health related courses at New Jeshwang Education Centre at the West African Mission. Previously Frank served eight years as pastor of the Eindhoven SDA Church in the Netherlands. The Teeuwens have two children, Peter and Stephanie.

Teller, Jeanette (Hyde) BS '76 and her husband, **Douglas** BA '77 recently moved to Toronto where Doug, as a physician, is doing a fellowship in drug and alcohol medicine at the Addiction Research Foundation. Jeanette enjoys staying home with their three-year-old daughter, Laurel.

Valentine, Gilbert MA '79 PhD '82 is college principal of the Pakistan Adventist Seminary. His family photograph was inadvertently omitted from the last issue of FOCUS.

Ward, Martin MA '79 was senior English teacher at Kambubu Adventist High School but recently moved to serve as principal of Sonoma Adventist College in Papua, New Guinea. His wife, **Olga** (former student), also teaches at the college.

Whetmore, Sandy (Snelling) BS '78 is teaching home school and lives in Kirksville, Mo. Her husband, **Clayton** (former student), is a physician at the Kirksville Osteopathic Medical Center. Recently their family has been studying entymology, gymnastics, music and swimming as well as



David (MDiv '79) and Opal (Reid former student) Williams with daughter, Delia.

memorizing scripture portions. Their children are Jim, Christy Jo, Becky Sue and John.

Whitehead, Ron H. MA '79 is youth/health temperance director for the Arkansas-Louisiana Conference. He is married to Betty (Becker) and has three children, twin daughters, Heidi and Stacy and a son, Ryan. Betty is a registered nurse working in an ICU unit two days a week. Ron and Betty "welcome old friends at Camp Yorktown Bay in Arkansas or at their home in Shreveport any time."

Williams, David R. MDiv '79 recently completed a doctor of philosophy degree in sociology at the University of Michigan. David currently serves as assistant professor of medical sociology at Yale. His research and publications focus on the ways social relationships and health practices affect health. He and his wife, **Opal (Reid)** (former student), have one daughter, Delia, and live in East Haven, Ct.

Wilson, Gerty (Mauze) BA '77 MA '79 is a teacher in Brooklyn, NY. Her husband, **Wendell** BS '76 MBA '79, is employed by the government of Aruba. They have two children, James and Daniel. Gerty loves singing and helping in their local church.

Wilson, Ken MDiv '76 is taking a one-year leave of absence from pastoring in the Georgia-Cumberland Conference where he served for 12 years, to take the clinical pastoral

education program at University Hospital in Augusta, Ga. "I wish I had taken it years ago! But then, years ago I wasn't as teachable as I am now!" Ken's wife, Cheryl, teaches grades seven to nine at the Augusta church school. They have three daughters, Jenni, Jessi and Mary.

1980s

Allen-Mersh, Barnabas Jeremy MA '85 started and ran BAM-AIR, Newbold College's first and only travel agency. He is now teaching English at the Finnish-British Club in Lahti, Finland. His wife, Leea, teaches music.

Banks, Robert MDiv '84 pastors three churches in the Southern New England Conference. He married Joan Mills in June 1985. She is office manager for a computer services company. They live in Peabody, Mass.

Freedman, David D. MDiv '83 was ordained in 1986 and is currently working as a pastor in the Nevada-Utah Conference. He and his wife, Ann Marie, have two children, Jennifer and David.

Johnson, Rick MDiv '85 and **Sharon (Powell)** MA '83 wish to announce the birth of twin daughters, Megan Brittany and Melody Lauren, born September 24, 1986. They discovered they were expecting twins

"in plenty of time to put some order into our lives for the extra additions. It takes a bit more work but we are managing." Rick pastors the Slidell and Bogalusa churches in Louisiana. Sharon was teaching second grade until the time the babies arrived.

Katele, Bryson M. '85 has worked as a pastor, accountant, stewardship director and education director for the church and is currently pastoring the Rusangu Secondary School Church. In fall 1986 Bryson started work on a master's degree at the Andrews Extension campus at Helderberg College. His wife, **Irene** BA '85 is business manager at Rusangu.

Logan, Kenneth BMus '80 MMus '84 is enrolled in the DMA program at the University of Michigan and works as a graduate assistant and church musician. Previously he taught at Highland View Academy in Maryland. He and his wife, Cheryl, have two children, Clara and Andrew.

Losey, Garry W. MDiv '82 pastors the Kona and Hona Kaa Churches on the Big Island of Hawaii. His wife, Yvonne, a registered nurse, is a perinatal educator and labor and delivery nurse at Kona Hospital. Their children are Sherlyn and Benjamin.

Sebunya, Livingstone MBA '84 is treasurer of the East African Union in Nairobi, Kenya. He and his wife, Proscovia, have six children: Samuel, Dennis, Jonathan, Rebecca, Michael and Emmanuel.

Tait, Bradley Dean BS '81 received a doctor of philosophy degree in June 1986 from Wayne State University in Detroit. He is now in a post-doctoral program at Yale University. His wife, Jill, is a visiting nurse associate in New Haven, Conn.

Watanabe, Kiyomi MDiv '83 is chaplain and head of the Bible department for Hiroshima Sanika Gakuin in Japan. He and his wife, Harumi, have two daughters, Tomoko and Sachiko.

Wilson, Moses Samuel BA '82 is employed as an accountant with Emanuel Shaw and Company, a firm of CPA and management consultants, in Liberia, West Africa. Previously Moses did an internship with the West Africa Union Mission and then served as accountant for the mission headquarters in Freetown, Sierra Leone. He enjoys photography, classical music, reading and stamp collecting.

Obituaries

Harold Russell Knudson

Harold Russell Knudson, former Andrews Academy principal (1969-71) and instructor (1966-73), died June 28, 1986, in Orlando, Fla.

Knudson received a bachelor's degree in business administration from Andrews in 1953 and a master's in education in 1970. In 1976 he received a doctorate of jurisprudence from the University of Notre Dame, South Bend, Ind. He was in private law practice at the time of his death.

Knudson is survived by his wife Joan Carpenter Knudson (BS '60) of Altamonte Springs, Fla.; two sons, Peter and Philip, also of Altamonte Springs; a daughter, Claire, of Loma Linda, Calif.

Theodore Edward Lucas

Theodore Edward Lucas, a student at EMC from 1924-27, died July 3, 1986, in Hendersonville, N.C.

Lucas began his career as a church school elementary teacher in Indiana. He later held youth and education positions in the Michigan, Wisconsin, and Lake Union Conferences. Lucas served in the youth department of the General Conference beginning in 1946, becoming department leader in 1955 and continuing in that position until his retirement in 1970.

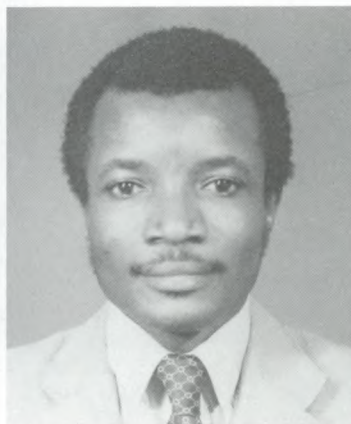
He is survived by his wife, Ivy; a daughter, Cathy Merriwether; and one granddaughter, Cathleen Galambos.



Ken (MDiv '76) and Cheryl Wilson with Jenni, Jessi and Mary.



Kenneth Logan (BMus '80 MMus '84).



Moses Samuel Wilson (BA '82).

Advancement



Steven and Charlene Vitrano stand among the 196 Bibles they donated to the Seminary Chapel.

196 Bibles Donated To Seminary Chapel

One hundred and ninety-six New American Standard Bibles were donated to the Seminary Chapel by Steven and Charlene Vitrano last fall.

Steven is professor of preaching, liturgics and evangelism at the Seminary, while Charlene teaches business education at Andrews Academy. Both have worked for Andrews University since 1958.

"It will now be possible for the worshippers at the chapel services to read from the Scriptures in unison or responsively," Dr. Vitrano said.

The Vitranos chose the New American Standard Bible because they feel it is one of the most accurate of the modern translations.

Damrons Establish Scholarship

A \$5,000 endowed scholarship for student missionaries from Andrews has been established by Chester and Mary Jean Damron, according to Esther Rosado, coordinator of the student missionary program at Andrews.

Damron served as associate pastor in Pioneer Memorial Church at Andrews University, and as campus ministries chaplain, from 1975 to 1985. During that time, one of his responsibilities was the student missionary program.

"The Damrons wish to call their gift a Gratitude Scholarship, because they feel the Lord helped them to sell their house," said Rosado. The donation will be used to grant scholarships to student missionaries returning to Andrews after serving overseas.

The Damrons have a natural interest in missionary work, par-

ticularly because they served thirteen years as missionaries in the Far East.

"Because Damron is so close to the student missionary program, his donation means a lot to us," said Rosado.

Damron recently accepted a chaplain's position at Florida Hospital, Orlando, Fla.

Heritage Room Receives Money, Manuscripts

Two recent donations continue the tradition of private support for the ongoing development of the James White Library's Heritage Room.

Mark L. Bovee, grandson of Adventist pioneer Uriah Smith, donated \$1,000 for further development of the Heritage Room, said Louise Dederen, curator.

A resident of Battle Creek, Mich., and a 1927 graduate of Andrews, Bovee has been a generous donor to the Heritage Room since 1968. In 1981, Bovee gave nearly \$2,000 for a display case for a number of personal items that belonged to Uriah Smith, stated Dederen.

Over the years, Bovee's gifts of books and artifacts, as well as his financial support, have contributed greatly to the development of the archive.

A collection of papers and manuscripts belonging to a former Andrews faculty member and longtime Adventist educator has been bequeathed to the Heritage Room.

The collection belonged to Daniel Walther who died April 12, 1985, in Chattanooga, Tenn.



Daniel (1902-1985) and Louise Walther.

Walther's will specified that papers pertaining to denominational matters such as class notes, correspondences, clippings and manuscripts be donated to the Heritage Room.

Louise Walther, widow of Walther, assisted in the selection of the donated papers.

In 1946 Walther joined the church history department of the Seventh-day Adventist Theological Seminary in Washington, D.C. He moved with the seminary to Berrien Springs, Mich., in 1961 and served as chairman of the church history department until he retired in 1967.

After retirement Walther continued his interest in Adventist education by serving as president of Solusi College, Zimbabwe in 1967. In 1969 he joined the Helderberg College faculty, South Africa, and returned to the United States in 1974 where he enjoyed an "active retirement" by teaching part time at Southern College, Tenn.

BECA Awards Grant For Alumni Giving

Andrews University received a grant of \$12,000 from the Business Executives' Challenge to Alumni (BECA) for raising \$253,599 in unrestricted gifts and student aid/endowment from 28.4 percent of the alumni during the 1985-86 fiscal year.

Andrews President Richard Leshner received the check from George Crumley, North American Division Treasurer, during the Tenth Annual Dinner for Philanthropy held Nov. 6 in Washington, D.C. A total of \$201,800 from BECA was awarded to qualifying colleges and universities.

The eight-year, \$3.25 million annual fund incentive program was started in 1979 by a group of Adventist business people who wanted to see alumni support of the Adventist higher educational system increase from its then 6.5 percent and \$413,000. After the first six years, 27 percent of the alumni supported the 11 colleges and universities in North America with \$1.7 million. The collective goal for 1988 is 32 percent participation and \$2 million annually.

The 1987 dollar and donor goals for Andrews University are to raise \$293,000 from 2,820 alumni.

Elementary School, Osteoporosis Research Receive Gifts

Ruth Murdoch Elementary School and an osteoporosis research project co-sponsored by Andrews University and Michigan State University were recipients of recent donations.

Jerry Kantor of Kantor Construction, a Niles-based company, recently donated his labor and that of two employees, to the Ruth Murdoch Elementary School, part of the University School of Andrews University.

The men installed an extension to a concrete slab in the playground area, according to principal Minerva Straman. Money for the materials had been raised by the Home and School Committee of Ruth Murdoch Elementary.

"They asked me how much I'd charge for my services, and I said I'd donate them." The labor was worth approximately \$1,000. "I've known Dr. Straman a long time, and I figured it was the least I could do for the kids," Kantor said.

Both of Kantor's children attended Ruth Murdoch Elementary in the past, he said.

Dr. Olaf Mickelson, formerly professor of food science and human nutrition at Michigan State University (MSU), and his wife Claire, have donated \$1,500 over the past two years to a joint study being conducted by MSU and Andrews University.

In 1975, Dr. Mickelson, concerned with preventing osteoporosis in post-menopausal women, contacted Alice Marsh, then chairman of the Andrews home economics department, regarding the feasibility of researching lacto-ovo-vegetarians in the Andrews community for a bone mineral density study.

The work still continues today after more than 2,000 tests, lectures given world-wide on test findings and publicity in professional journals.

In order to obtain a broader data base, the original research team met at Union College in May 1986 and gathered data from 800 retired Seventh-day Adventists convening at an annual meeting of North American Division retirees.



Jerry Kantor of Kantor Construction and employee Al Ziemke install a concrete slab in the RMES playground.

Major Grants Support Programs

The Herrick Foundation, located in Detroit, awarded Andrews an unrestricted grant of \$50,000. The Herrick Foundation is a family foundation run by Kenneth G. Herrick, chairman and chief executive officer of Tecumseh Products Company, which manufactures small engines and refrigerator units.

The grant came in the wake of a progress report from Andrews and some volunteer work for the university by an Andrews alumnus who knows Herrick well and wishes to remain anonymous. The foundation gave a previous grant of \$100,000 to the university in 1981.

Another gift of \$50,000 was made by an anonymous donor. Sharing in the grant are the uni-

versity's architecture department, the Andrews University Endowment 1990 campaign and Adventist Information Ministries, a telephone evangelism and answering service for Adventist radio and television programs.

Toward the latter half of 1986, the physical therapy program received grants and grant commitments totaling \$120,000. Two anonymous sources pledged a total of \$90,000 towards the program's continuing development. These commitments will be paid over the next three years. In addition, the Hearst Foundation made a grant of \$15,000 and the Frederick S. Upton Foundation contributed another \$5,000. These contributions bring the total in hand and pledges for the physical therapy program to \$650,000.



Olaf Mickelson



Claire Mickelson

WAUS Raises \$27,000 in Pledges

Results from radio station WAUS's fall on-air pledge drive, although less than the set goal, were encouraging, said W. Michael Wiist, WAUS general manager and development director.

"With the contributions and pledges in hand, we've received about \$27,000. That's \$3,000 short of our goal of \$30,000," said Wiist.

The reason for his good feelings about the campaign, Wiist explained, is the improvement over last year's fund-raiser. "By the end of last year's campaign, we only had about \$22,000," said Wiist. "So, although this year we were short \$3,000, we still showed a 20 percent increase."

"We at WAUS were very encouraged by the number of first-time contributors, in the last two or three days of the campaign," said Wiist.

Contributors to the campaign demonstrate a wide listenership, said Wiist. "We owe a big 'thank you' to our hometown listeners in Berrien Springs. They represent about 23 percent of our contributors," said Wiist.

Announcements



European Study Tour members will visit Neuschwanstein Castle in Germany this summer.

European Study Tour Scheduled for 1987

The 1987 European Study Tour, sponsored by Andrews University's English and history departments and School of Business, will spend eight weeks from June 14 to August 10 visiting places of literary, historical and cultural importance in Europe.

Up to 12 graduate or undergraduate credits are available in areas such as literature, creative writing, history, fine arts, comparative economics and international business. The tour may also be taken for non-credit.

Credit can apply toward a master's program or fulfill general education major, minor and elective requirements for undergraduates. Tour directors will assist in planning credit that best fits individual graduation needs.

The tour will spend three weeks in the British Isles and five weeks on the Continent. Countries to be visited include Scotland, England, France, Switzerland, Italy, Austria, Germany, Belgium and Holland. The tour will see a number of cities, including London, Paris and Amsterdam. Time will also be spent in the Alps and the English Lake District.

The tour will cost approximately \$3,795, which will include tuition, air transportation, char-

tered bus, hotels, two meals a day and all entrance, guide and excursion fees.

For more information contact Merlene Ogden, Nethery Hall room 101 or Malcolm Russell, Nethery Hall room 122B, Andrews University, Berrien Springs, MI 49104.

Family Life Workshop Scheduled for June

The Thirteenth Annual Family Life Workshop with John and Millie Youngberg, June 7 to 15, will feature Delmer and Betty Holbrook, and Ron and Karen Flowers, of the General Conference Church Ministries Department; and Reuben Hubbard, associate professor of church growth and pastoral counseling at the Theological Seminary.

Included in the Family Life Workshop will be a hospitality seminar conducted by Patricia Mutch; a seminar on redemptive relationships conducted by Betty Lou Hartlein; a marriage commitment seminar conducted by Roger and Peggy Dudley; and a Prepare/Enrich seminar conducted by Don and Sue Murray.

The workshop may be taken for credit or non-credit. Inquiries may be made through the Lifelong Learning Center, (616) 471-3286.

More Fresh Start Sessions Planned

For those desiring a healthier lifestyle, Fresh Start sessions will again be conducted this summer under the direction of Charlotte Hamlin, assistant professor of nursing. Fresh Start programs, three-week "health vacations," have been scheduled for July 7 to 27, August 4 to 24 and September 1 to 21. To make a reservation for one of these sessions or to receive more information, contact Mrs. Hamlin at (616) 471-3311.

Guest Lecturers Listed For Writers Workshop

A Christian Writers Workshop under the direction of R. Lynn Sauls, will be conducted June 8 to 11. Guest lecturers will include Lori L. Tripp, assistant editor of *Insight*; Kenneth McFarland, editor at the Pacific Press Publishing Association; Tom Dybdahl, freelance writer and member of the editorial staff of Rodale Publications; Judy Rittenhouse, freelance writer and director of a newsletter service for health care institutions.

The workshop may be taken for graduate or undergraduate credit of one or two quarter hours. For more information, contact Dr. Sauls at (616) 471-3477 or the Lifelong Learning Center, (616) 471-3286.

Music Festival Returns to Andrews

The second Andrews International Music Festival will be held June 17 to 26, with many of last year's popular instructors returning, among them Mary Ellen Pinzino, director of the children's chorus.

Other guest faculty will be Margery Aber, founder of the first Suzuki Institute in the United States; Rita Hauck, teacher-trainer at all levels of Suzuki piano; Tony Caramia, popular pianist; Maurice Hinson, editor of piano music and author of piano literature books; and Michael Nuss, Orff specialist.

For more information, contact festival administrative director, Dr. Sandra Camp, at (616) 471-3135.

Archaeological Expedition

The Madaba Plains Archaeology Project at Tell el-Umeiri, Jordan, is scheduled for June 18 to Aug. 6, 1987, according to Bjornar Storfjell, acting director of the Institute of Archaeology at Andrews University.

The Institute and a consortium of Adventist universities and colleges are sponsoring the archaeological excavation, Storfjell said. These schools include Andrews University, Atlantic Union College, Columbia Union College, Pacific Union College and Southwestern Adventist College.

Those participating in the excavation will be able to earn up to 12 quarter-hours of graduate, seminary and undergraduate credit in the areas of religion, Old Testament or anthropology, Storfjell said.

The cost for full-time participation in the project is \$1,400, which includes an excavation fee of \$900 and \$500 for room and board. Three-week participation costs \$800, weekly participation costs \$300 and daily participation costs \$100. Those wishing to participate must pay their own transportation costs, but the Institute will arrange for special low fares, according to Storfjell.

Those interested in participating should contact Oystein LaBianca at (616) 471-3152, or Storfjell at (616) 471-3609.



ALUMNI HOMECOMING WEEKEND, April 23 to 26, 1987

"Home Is Where The Heart Is"

Thursday, April 23

- 1:30 p.m. to 5 p.m. **Welcome Home!**—Registration at Alumni House
- 6 p.m. **Gala Banquet and Annual Business Session**—Campus Center
 Highlighting our 1987 Honored Alumni: Dan Ekkens '62, William Johnsson '66, Walter Douglas '62, Robert Folkenberg '62, Penny Estes Wheeler '62

Friday, April 24

- 8 a.m. **Family Worship**—Prayer Breakfast
 Singing and sharing with C. Mervyn Maxwell in the Campus Center
- 9 a.m. **The Family Plays Together**—Annual Wes Christiansen Golf Outing
 at Hampshire Country Club, directed by Paul Kantor, John Pangman. Two man scramble, men and women invited.
- Noon **Buffet Lunch**—Campus Center
- 12-2 p.m. **Book Signing with Andrews Authors**—University Bookstore
- 2 p.m. **Encouragement for SDA Authors**—Penny Estes Wheeler
- 3 p.m. **Campus Highlights**—Demonstrations and tours of the chemistry, biology, math and physics departments
- 5 p.m. **Punch Hour** by Classes
- 6 p.m. **First-ever Alumni Parade!**
- 6:45 p.m. **Home Away From Home**—International Flag Raising Ceremony—University Green
- 8 p.m. **Leaving Home**—Lamplighter Service and Vespers with the class of 1977 in Pioneer Memorial Church

Sabbath, April 25

- 7:30 a.m. **Family Worship**—Prayer Breakfast
 Singing and sharing with C. Mervyn Maxwell in the Campus Center
- 8:45, 10 & 11:20 a.m. **The Homecoming Family at Worship**—William Johnsson, class of '66 and the Golden Reunion Class (1937)
- 10 a.m. **Sabbath School** in Pioneer Memorial Church with the Silver Reunion Class (1962)
- 1 p.m. **At the Family Table**—Reunion Dinners at various locations
- 3 p.m. **Sharing Our Common Concerns**—William Johnsson discusses Adventism among young adults
- 3 p.m. **Activities for "Future Alumni"** of Andrews
 The Gospel Puppets with Mike Faison
 Story Hour with Penny Estes Wheeler
- 4 p.m. **The Family in Fellowship**—Gatherings by Academic Disciplines—
 Shuttle Wagon will be running—Campus Attractions open—Local Ham Operators will fellowship with alumni across the country (Alumni HAM operators are invited to be prepared for contact and to make phone patches in your area. Honor class members look for calls Friday and Sabbath from your classmates.)
- 5:30 p.m. **Alumni Salad Supper**—Supper and Class Photos in the Campus Center
- 7:30 p.m. **Sacred Concert—Music Department**—PMC
 Alumni Social following concert

HONOR CLASS REUNION LEADERS

—invite you to be part of the activities planned especially for you and your classmates. Feel free to contact them for details and how you can be part of the fun.

1937 Golden Class
 Charles "Chick" Fleming
 615-396-2824
 1947
 William Wolf
 219-362-2558
 1957
 David Rand
 616-473-3175

1962 Silver Class
 Sandra Dalzell
 213-255-2671
 1967
 Eldyn Karr
 805-373-7611

1977
 Ruth Koch
 213-435-6594
 Rebecca (Haug) May
 616-471-4301

Singing Men Reunion
 James Hanson
 616-471-7147

At Random

with Jack Bynum

The Social Impact of Nuclear War

"A one-megaton, nuclear bomb explodes over the intersection of Interstate 35 and Interstate 40 and in one blinding moment downtown Oklahoma City ceases to exist, the state capital is swept away, Tinker Air Force Base is eradicated, and civilization starts to slide back 6,000 years. Those are the first grim consequences in Oklahoma City if the nation experienced an all-out nuclear attack, according to a three-year study by sociologists/researchers at Oklahoma State University."

With this headline story in *The Daily Oklahoman* newspaper on May 6, 1986 and additional reports over national wire services, the first news of an intensive research project on nuclear war reached the public. The research team was headed by Dr. Jack Bynum, professor of sociology at Oklahoma State University and an alumnus of Andrews University. At the request of FOCUS, Dr. Bynum has sent the following report:

Early in 1982, it became clear that there was an important gap in our growing base of knowledge regarding the consequences of nuclear war. Virtually all of the previous empirical studies had been conducted by researchers in the physical, biological, and medical sciences. These scientists agreed that the damage that would be inflicted by nuclear war to the atmosphere, natural ecosystems, and food chains of our planet would render human survival tenuous at best. Scholars then began calling for some needed contributions from social and behavioral scientists. The questions posed to sociologists were: "Exactly what might we expect as abstract and fragile social systems experience the trauma of nuclear attack? And, what is the projected, post-attack scenario for human society and for individuals of our species with their great need and propensity for social interaction and inter-dependence?"

In response to this challenge, our research strategy involved an analytical synthesis of structural-functional theory, historical evidence of human responses under catastrophic conditions,

and a large amount of data collected from the Greater Oklahoma City area. The data were analyzed for functional linkages and plotted on a wall-size map of the Greater Oklahoma City area.

An instrument, the Nuclear Weapons Effects Computer, was then superimposed over the functional social system and organization. This instrument is designed to measure the various param-

"With machinery broken down and little access to energy sources, the prognosis is that we would in time lose much of our twentieth century knowledge."

eters of damage from blast over-pressure, radiation, and the thermal pulse in concentric zones around ground zero from a hypothetical nuclear detonation of carefully prescribed magnitude. Within the area thus delimited, it was possible to not only quantify the death and physical destruction, but reveal the vulnerability of the core social organization of interdependent and interrelated institutions that comprise human society. The researchers were shocked by the truly horrific findings, which include the following:

1. The social system of Oklahoma City (or any modern, industrial city) would be severely and fatally ruptured by such a nuclear explosion. Without mass communication, transportation, leadership, or adequate food, water and medical supplies, the survivors would be demoralized and society would be shattered.

2. Paradoxically, even after losing up to two-thirds of the urban population to initial nuclear blast, radiation, and concomitant firestorms, the area would be overpopulated. Too many people competing for scarce food, water, medical, and fuel resources would lead to extreme social strain and disorganization. When society is unable to meet the basic needs of its members, a general disengagement can occur. Each person

or family unit may become "one against all."

3. As rural areas, untouched by the nuclear attack, are overwhelmed by huge masses of displaced urbanites, their limited resources are quickly exhausted. Desperation, anarchy, and social disorganization are compounded into ever-widening, geographical areas. Normally, a localized disaster elicits a responsive mobilization of resources and assistance in other cities. In this case, no outside help is available. Sister cities and neighboring states have suffered similar, simultaneous attacks and the growing chorus of cries for assistance go unanswered.

4. Survival would become much more difficult because of the weather. If the Nuclear Winter Theory is correct, catastrophe would be heaped upon catastrophe. Ash and dust from exploding and burning cities could be propelled many miles into the atmosphere, darkening the sky and creating a winter of 18 months or longer. In such weather condition, hundreds of species of plants and animals—intrinsic parts of the human ecosystem and food chain—would become extinct.

5. If mankind survived, our descendants would probably live in small groups, hunting and foraging for daily subsistence as people did thousands of years ago before the development of settled agriculture. In the long term, with machinery broken down and little access to energy sources, the prognosis is that we would in time lose much of our twentieth-century knowledge. The study indicates that after a major nuclear exchange, the probability of human societies experiencing another Industrial Revolution is very small.

In the light of the awesome scenario just described, it might be a tempting conclusion that the discovery and harnessing of nuclear energy is a totally evil and negative development. A more rational perspective is that good and evil often result from the same kinds of social conditions. People are prone to assume that those things which we define as evil and those things which we define as good have their origins in separate and distinct features of society. Evil flows from poisoned wells; good



Jack Bynum

flows from pure and crystal fountains. The same sources cannot feed both. Our view of this phenomena is different. For example, the scientific quest to understand and manipulate the atom—the basic structure and composition of matter—has given us nuclear medicine, nuclear energy to replace rapidly depleting fossil fuels, and—THE BOMB. The fundamental problem is not science or technological knowledge, but man. We have the power of choice to determine whether these discoveries will bless or curse humanity.

As a Seventh-day Adventist Christian directing this research project, I had the added responsibility of responding to the questions of my colleagues who inquired how the possible destruction of our planet and demise of our species corresponds with Biblical eschatology.

As we discussed the future, I reviewed with them some of the inspired and inspiring truths I first heard as a child and later throughout my learning experience in SDA schools. Thus, with the frightening data of worldwide social chaos before us we were also reminded that God still reigns and regards the plight of His creation. He will yet intervene in the mounting crises and exercise His will on the earth. To Adventists, the threat of nuclear doomsday is but another sign of a heavenly rescue mission at the Second Advent. At the same time, the Lord as Judge will "Destroy those who seek to destroy the earth." (Rev. 11:18)

Jack Bynum MTh '57 is professor of sociology at Oklahoma State University, Stillwater, Okla.

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