FOCUS

The Andrews University Magazine

Fall 1988



Annual Report Issue

About The Cover

The painting on the cover is the last in a series of 11 panels making up an 89-foot mural which will be unveiled Oct. 29 at the Siegfried Horn Archaeological Museum. The mural, painted by artist Nathan Greene (see profile on the inside of the back cover), depicts 11 periods of history beginning with the Bronze Age and moving through the Islamic Period, represented by this panel. The mural will be displayed above the artifacts in the museum, helping visitors visualize the surroundings and time periods of the artifacts.

The horseman dominating the front cover is a modern-day Fantasia rider from Morocco in traditional garb. The octagonal structure on the back cover is Jerusalem's Dome of the Rock. Completed in A.D. 692, the structure is believed by Moslems to be the site of Solomon's first temple and the scene of Mohammed's night journey. The open book is an 11th century edition of the Koran from Iraq or Iran. Directly above the Koran is an interior view of the Kutubiyah Mosque of the Berbers in Marrakesh, built in the late 12th century.

The mural is being entirely funded by donations. Spencer Freeman, a senior photography student at Andrews, photographed the panel.

FOCUS

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In This Issue

For the first time in several years, FOCUS is sporting a color cover. We chose to use color on the issue that honors those who have made contributions to the University during the past fiscal year.

It seemed appropriate to choose as photo subject matter a section of the new Siegfried Horn Museum mural, which is being funded entirely by donations.

The names of contributors to the University and a brief financial summary of University operations are located in the specially numbered center section.

Also featured in this issue is the nursing profession. Do our alumni

nurses have the same attitudes and concerns about their careers as are being expressed in the national media by nurses throughout the country? FOCUS surveyed randomly half of the University's alumni nurses. We wish to thank those who completed the open-ended, time-consuming questionnaire. Yvonne Terry, a student employee at public relations spent hours carefully reading and coding the responses. Jerome Thayer, professor of research and statistical methodology, volunteered his time to input the data into the computer and analyze it. The large stack of printouts were then given to writer Madeline Johnston

New Advisory Board

In order to keep FOCUS of value and interest to our readers, the staff decided to establish an advisory board composed of individuals with various areas of expertise and from a variety of geographic locations.

The response of those willing to serve a two-year voluntary position on our advisory board has been heartening. We proudly list them here.

Deborah Anfenson-Vance, assistant editor, *Adventist Review*, Washington, D.C.

Delbert Baker, editor, *Message*, Washington, D.C.

Daria Bekersky, freelance journalist for television documentaries, New York

Sandra Doran, author and freelance writer, former staff member of FOCUS. Connecticut.

Stephen Hall, art director, Review and Herald Publishing Assn., Maryland.

Richard Hammill, former president of Andrews University, California.

Meredith Jones, chairman of the English department, Andrews University, Michigan.

Donald McAdams, senior vice president, American Productivity Center, Texas.

Kenneth McFarland, vice president of editorial development, Pacific Press Pub. Assn., Idaho.

Linda Paulsen, photographer, Illinois.

Humberto M. Rasi, associate director, education department, General Conference, Washinton, D.C.

Calvin Rock, vice president, General Conference, Washington, D.C.

Sherrie Thomas, copy writer, Yount & Rubicam Advertising, Illinois

Photo Credits

All photographs in the feature section and in the Annual Report insert were taken by Spencer Freeman, except where noted. Other photographs are by Bradley Leavelle: 12, 13-r, 14-bl, 16-b, 17-bl, br; Michael Strohauer: 14-br, 16-t, 17-t, 18. Photographs in the other sections are by staff photographers or were supplied by the individuals photographed.

Photo corrections for the Summer 1988 FOCUS: page 24, bottom left, the Class of '28 person identified as Frank Marsh was actually George Marsh; also on page 24, the captions for the two photos at the bottom of columns three and four were inadvertantly switched.

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Vantage Point by Ronald Knott

Why Take the Trip?



Ronald Knott

"Oh, who will come and go with me? I am bound for the promised land."

My topic is Adventist education. My title is "Why Take the Trip?" and my text is taken from a bathroom wall in the lower level of the James White Library:

"Happiness is Andrews in your rearview mirror."

What man scribbled this on the wall? What kind of person was he? Not your typical, run-of-the-mill graffiti goon. If he had wanted to say something disgusting about Andrews he certainly could have come up with some colorful locker room language that was a little more, shall we say, specific.

Instead, there is something haunting and almost eloquent about what he wrote. Almost a poet here, because he cast his frustration about this place in the symbol of the journey of life. And he apparently wished his journey hadn't taken him to Andrews University. Get this place behind me. I won't be happy until I see it in my rearview mirror. I want to forget that my journey ever took me through here.

So what was the problem? His bank of worship credit overdrawn? A fifty-dollar fine for missing more than three chapels in a quarter? Vegeburger, fries and cooked carrots served three nights in a row at the cafeteria? Some lousy counsel from his advisor last year, and now he'll have to spend an extra quarter here—winter quarter, at that? A three-hour wait in line at registration, only to be told when he gets to the front that

service, but the single and higher ideal of scholarship for service. That was John Nevins Andrews. That's the name we bear.

For a moment I will wander slightly away from my point to share with you one of my great annoyances as a public relations officer for this school. That's that cheap little abbreviation, A.U. Come on, people. We

Three people come before the final judgment. The first one, a man, stands before our Savior, who, by waving his hand, spreads out in the sky a giant panorama of the man's life.

Jesus says to him, "This is the record of what you did with your life. You did the best with what you had. You lived the best for what you knew. You never met a real Christian in your life. Your education wasn't very helpful, so we couldn't expect very much. After all, you went to Harvard. Enter into the joy of your Lord."

A second person steps forward, perhaps the young woman I described earlier. [He refers to the story of a young woman who attended Andrews but chose to reject nearly everything Andrews stands for.—Ed.] The awesome panorama is played out in the sky.

Our Savior says to her with a catch in his voice, "This is the record of what you did with your life. And you went to *Andrews?*"

A third person steps forward. This time it is you. And once again, that awesome panorama is played out in the sky. You see your Savior smile, and you hear him say, "This is the record of what you did with your life—because you went to Andrews."

My friends, it is because, in the spirit of Andrews, I believe that character is more important than career, that service is more important than self, that heaven is more important than here, I can proclaim with boldness that "Happiness is Andrews in my rearview mirror" because it is right on the way to the Promised Land.

"Oh, who will come and go with me? I am bound for the Promised Land."

There is a very fine line between being here for the right reasons and being here for the wrong ones.

he's been standing in the wrong line?

It could have been anyone of those things, or a combination of all of them, that would make him write what he wrote on that bathroom wall, but only, I submit, if he was the victim of a basic misunderstanding of why this school is here. It's a common misunderstanding. There is a very fine line between being here for the right reasons and being here for the wrong ones. It may be as fine a line as the semantic difference between saying we are here to prepare for life, and here to prepare for

If we are here for the wrong reasons, all those rules and regulations, and the host of annoying and perhaps inexcusable imperfections about this place will loom very large and bring us to the same depressing conclusion. But if we are here for the right reasons, we will put them within the context of a larger goal, a higher purpose, a brighter destiny.

Twenty-eight years ago, when people were looking for a new name for this school, they chose Andrews because John Nevins Andrews represented our highest ideals of scholarship and service—and not only the separate ideals of scholarship and

have a name. We don't need an abbreviation.

How many of you have ever heard anyone refer to that school up in Cambridge, Massachusetts, as H.U.? You can call it H.U. if you like. The rest of the world calls it Harvard. And today, that name honors, not a man, but simply a 352-year tradition of American education. The man, John Harvard, is barely remembered as someone who gave a few shelves of books that served as the first tiny library when the school was founded in 1636.

John Nevins Andrews did more than give a few books. John Nevins Andrews lived a life, and it is in recognition of that life that you bear his name

You're not an A.U. woman. You're not an A.U. man. You're an *Andrews* woman! You're an *Andrews* man!

I have this scenario of the judgment that I'd like to share with you. It's a scenario that could only be contrived by someone who has spent 24 of his 28 years in an Adventist college town. Only someone with that hopelessly narrow background could dream up a view of the judgment in such academic terms:

Excerpts from a chapel talk presented in Pioneer Memorial Church to the undergraduate student body on April 26, 1988, by Ronald Knott, director of public relations at Andrews University—not A.U.



THE PROFESSOR MAKES WAVES

by Laurie Stankavich

o see the picture of the wavemaker best, you have to fold out the cover of the 1988 Pasco Scientific Catalog. That way, your eyes follow the luminescent green wave from where it starts on the back cover to where it ends on the front. It's an intriguing picture. If you understand physics, it acquires a meaning beyond its visual appeal. To Bruce Lee, professor of physics at Andrews, and the students who manufacture the wavemaking device, the picture has a yet larger significance. They created the story behind it.

The idea for the device originated with Dr. John Shive, a physicist at Bell Laboratories. During the early 1960s Shive served as director of education and training at Bell Laboratories and designed the wave demonstrator as a teaching device to interest high school students in basic science. Later Shive turned the idea over to educators and companies producing educational products.

Andrews University bought an early model of the device in the 1960s and Lee remembers it as "probably the best equipment investment we've made."

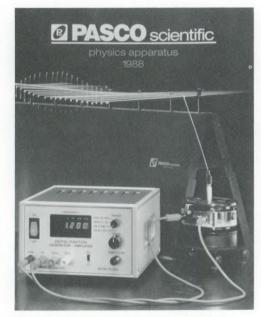
In the mid-seventies Andrews was offering summer workshops for high school science teachers and Lee wanted to have the teachers make something they could take home with them. Using a booklet describing the demonstrator and some of his own ideas, Lee worked with the teachers to construct some of the devices.

Lee remembers several major structural problems. For instance one part of the device requires short lengths of wire, but round wire had a tendency to slip out.

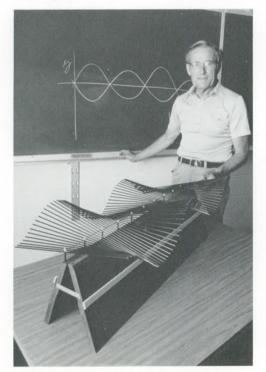
Lee contacted Shive for permission to build the wavemaker. Since Shive had released the idea to the public, technically Lee already had permission to use it, but he wanted to make sure. Shive seemed pleased that another person wanted to make the device, but he stressed that it should be offered at low enough prices that high school science departments could afford it. With Shive's endorsement, Lee redesigned the apparatus and Andrews started making it. The new design incorporated square steel rods rather than the round wire used at the workshop.

Andrews began selling the device in 1977 and eventually Andrews became the only manufacturer. Today Lee employs seven students to assemble the wavemakers.

Several years ago, Lee made arrangements to have Pasco Scientific Company in



Bruce Lee's wavemaker ''made'' the cover of the 1988 Pasco Scientific Catalog.



Bruce Lee displays the wavemaker which the physics department manufactures.

Hayward, Calif., market the device. Since then Pasco has sold physics teaching equipment made by Andrews in Canada, Puerto Rico and throughout the United States. A couple of items have even been sold in Europe. Although a small company, Pasco has had a growth rate of nearly 30 percent a year, said Lee.

The wave motion demonstrator usually sells as a three-piece set-up, although each piece may also be bought separately. Each piece demonstrates a wave phenomenon such as interference of waves, reflection, impedence matching, standing waves or resonance.

"It's to demonstrate basic ideas of waves," said Lee. "This is necessary to understand sound, light, radio communication and anything else that involves waves."

Andrews also makes and sells several other devices: a longitudinal wave demonstrator and a dynamic force transducer which measures force at a collision point. Lee designed both. Andrews also manufactures a track to demonstrate the transducer. In a high school physics class, for instance, a little car can be placed on the top of the track. The car speeds down the incline and hits a bar on the transducer. The transducer measures the force of the car as it collides with the bar.

Lee developed the transducer about 15 to 20 years ago for the general physics lab. "I thought it might be marketable," Lee said. "Pasco will market almost anything we come up with that we feel has educational value. Dollarwise, this will probably be a bigger item than the wave demonstrator."

Andrews annually sells around 100 to 150 wave machines and around 250 force transducers

At the summer meeting of the Physics Teachers Society in June, the transducer was demonstrated with computer software being developed by another firm. "I'm predicting that sales will pick up," said Lee.

Lee spent the winter quarter of 1988 in California developing equipment for Pasco. He retired at the end of August. He now divides his time between working for Pasco in California and operating the Andrews enterprise.

When she wrote this article, Laurie Stankavich was a student newswriter for the Andrews University public relations office. She presently serves as a student missionary in Taiwan.



Where Have All The Nurses Gone?

Alumni nurses give their opinions about the national shortage.

just recently quit my position for many reasons: low salary, lack of opportunity for advancement, lack of respect from nursing administration for the staff nurses, poor hours, overwork (inadequate staffing).' So writes Mollie Dengler Schmoling (B.S.N. '81) of Ft. Wayne, Indiana, after seven years in nursing, in response to a survey FOCUS recently conducted among Andrews nursing graduates.

Mollie, now a full-time homemaker, does not dislike nursing. Asked about the rewards of nursing, she replied, "I get a tremendous amount of satisfaction working in pediatrics. The children are usually very responsive to the nurse and also cooperative; the parents are also appreciative of your efforts."

Andrews nursing alumni are part of the changing American health care scene. One aspect of this scene that greatly concerns government health officials, hospital administrators and nursing-school administrators is the current and projected shortage of nurses.

Management Science Associates suggests a shortage of nearly 35,000 new RNs by 1990. The Department of Health and Human Services predicts a shortage of 1.2 million RNs by 2000. Time suggests it "could become the worst nursing shortage since World War II."

In 1986, 83 percent of hospitals had unfilled nursing positions, compared to 65 percent the year before. The average hospital employs 85 nurses for every 100 patients; these nurses comprise 22 percent of the hospital work force. The classified sections of newspapers in major cities are

full of jobs for nurses: for example, a recent Sunday edition of the *Los Angeles Times* listed almost seven pages; the *Washington Post*, six. 9 Vacancies include high-level positions and specialty-practice areas. Patient care is being affected in some hospitals. 7

Adventist hospitals are experiencing no exception. Adventist Health System/West, for example, currently needs 400 RNs to work in 18 hospitals. Not one of its hospitals has a nursing surplus.⁸

FOCUS, wondering how Andrews nursing alumni fit into the picture, sent questionnaires randomly to approximately half of them (350); 73 responded. [Editor's note: We believe the low response rate was due to the time-consuming nature of the instrument, which was designed for quotable responses rather than statistics.] Of these, 65 had completed a bachelor's degree at Andrews; eight, a master's as their first Andrews degree; four, a master's as a second Andrews degree. The greatest influence on their career choice was their desire to help people; their greatest reward, helping patients and their families.

For example, Charilyn Hartman (B.S.N. '87), now in home health care in Ceres, Calif., writes, "The most rewarding aspect of nursing is being able to help people: inserting the IV and starting the fluid and medication which will bring down that high fever and delirium, repositioning for comfort, teaching the new diabetic how to be in control of his disease, reassuring the new mom that her baby is quite normal and so are her fears and questions."

The spiritual dimension is a part of this

Left: Andrews student Jean Wilkins, R.N., works at Mercy Memorial Medical Center in St. Joseph, Mich.

BY MADELINE S. JOHNSTON



Andrews alumni Celeste Hagen, R.N., M.S., left, and Ruth Baker, R.N., M.S., are instructors in the Pacific Union College School of Nursing, Glendale Campus.

feeling for many alumni. Patsy Towar (B.S.N. '74) of Newark, Ohio, works on a medical-surgical floor and writes, "As a committed Christian, I strive, by God's grace, to share Jesus' warmth and caring. I have actually had many patients tell me there is something different about the care I give. They feel they have been truly cared for. This is my greatest joy."

Although the majority of the respondents remain in nursing, 10 have left for one reason or another.

Actually, more nurses are employed today than ever before, but the demand has increased.⁹ From 1970 to 1986, the number

of hospital-based RNs per patient increased about four times, from one-fourth full-time equivalent (FTE) per patient day to one FTE per patient day. ¹⁰ The population is aging; hospital census is up more than expected, ¹¹ and modern medical technology requires more expertise from nurses. Also, hospitals today are forced to discharge patients earlier than in the past; those remaining are more acutely ill, requiring more nurses to care for them. Add to this the increasing demands made by the AIDS epidemic.

Along with greater responsibility, nurses have long hours and low pay. *Time* says, "The average beginning salary is \$21,000, yet 30-year veterans regularly earn less than \$30,000. Duties range from starting intravenous lines and bathing patients to such menial tasks as fixing TVs and taking out the garbage. Hospitals routinely require 50- and 60-hour workweeks." Alken and Mullinex put the difference between starting and experienced salary at only about \$7,000.

On the other hand, hospitals are under pressure to cut costs. Aiken and Mullinex feel the shortage is not because of fewer nurses or more patients. Rather, they believe hospitals keep adding responsibilities (clerical, housekeeping, etc.) to nurses because they're cheap labor, so they need more and more nurses. 14

Of the 63 respondents currently employed as nurses, 15 rated their job stress at 8 on a scale of one to 10; nine rated stress at 9. Most of the latter were in administrative positions and gave that as the reason. Anne E. Afton (B.S.N. '78), who

spent eight years as an emergency charge nurse and is now a night nursing supervisor writing from Noblesville, Ind., illustrates this: "Now I'm the only administrative person in the hospital during the night shift when I work. I'm responsible for the staff and patient care while I am at work. Staffing can really be a headache to keep up with the needs of the units. I'm up and running the majority of my work time—which includes 12-and-one-half-hour shifts every other weekend. I have to be positive and give my energy to the staff in lifting their spirits to give their best to quality patient care."

"Tell them how it is—hard work, long hours, high stress, but you touch lives, you see smiles, you know you make a difference, and you want to go on."—
Charlotte Torkelson

Women today enjoy many more job options than they did before. Many who would have chosen nursing a few decades ago, today choose medicine, law, architecture or business. In the church, too, the options are no longer limited to nurse, secretary, or teacher. Since about 95 percent of RNs are female, this shift affects the ranks of nursing. The number of high-school graduates choosing nursing has decreased, and last year *USA Today* reported that 25

The Nursing Shortage in the Adventist Health System

by Maxine Blome

This is not the first time we have had a nursing shortage. The last crunch was felt as recently as 1979. But this shortage is different. Today there are fewer young people; and women, who have traditionally made up most of the nursing work force, have many more options now than they had before.

During the winter of 1987/88, in Adventist Health System/West there were over 400 vacancies in staff nurse positions alone. Adventist Health System/NEMA also has vacancies. Florida Hospital could hire 100 nurses where now they are using traveling care people. Feather River Hospital is turning away 20 to 25 patients per month because they do not have enough nurses. These stories are the same all over the country.

The Adventist Health System needs all kinds of nurses. We still have a few diploma graduates, but for the most part we employ licensed practical nurses, the two- and four-year RNs, and nurses with master's degrees.

We need people who are willing to give of themselves, who have a burden to care for acutely ill patients, and who are eager to teach health education as appropriate. It is a challenge and we are in difficult times, but with God's leading we can give the quality care the Adventist Health System believes in.

It would be wonderful if we could say that all nurses graduating from Seventh-day Adventist schools stay in the Adventist system, but that is not true. However, even if we have just a few, dedicated Seventh-day Adventist nurses who are working in our health care facilities, they can make an impact on an institution and have an influence that is difficult to measure.

To alleviate the shortage of nurses, some nursing departments, including the one at Andrews University, are making it possible for people with other degrees to come into nursing without any hassle. Those with a bachelor's degree in other fields can become a registered nurse within 18 months. These mature people coming in from other fields will bring a dimension into the nursing field that will be a tremendous help to us and will assist in looking at new ways of delivering health care.

Nurses wanting to go into management need to have a broad, global perspective of the state of health care today and an understanding and vision of where hospitals and the nursing profession fit into the picture. Because of a strong clinical orientation, many nurses lack the necessary business management background. To be in management one needs to be a strong peopleperson who enjoys leading, guiding and directing others.

We also need strong, clinically prepared nurses to give direct patient care. They too, however, need to be able to work as a team member.

For those who like to travel, Adventist Health System is in the process of developing a nurse travel program which will make it possible for nurses to stay a month or three to six months at one hospital and then move to another.

Today the nursing profession probably has the greatest opportunities it has ever had. Nurses are beginning to get greater autonomy, adequate compensation for educational experience, control over their practice, and a voice in the policies that govern the delivery of health care. But it has taken a shortage to be able to get people to listen to them.

Nurses interested in working in any of the Adventist Health System hospitals should contact one of the regional offices: AHS/ West at (916) 781-4690; AHS/Loma Linda at (714) 824-4360; AHS/NEMA at (913) 677-8000; or AHS/Sunbelt at (305) 896-6611.

Maxine Blome is vice president—professional services, Adventist Health System/West, Roseville, Calif.

percent of America's nearly 2 million RNs were going into other kinds of work. ¹⁶ The 10 Andrews graduates in the FOCUS survey who have left nursing mentioned low wages, stress, and poor hours as the primary reasons.

At the same time, nursing itself offers many more options than it did a few years ago: home health care, outpatient clinics, HMOs, hospices, risk management centers or even private practice. These options, combined with minimal career advancement opportunities in the hospital setting, make it difficult for hospitals to attract nurses.

The nurse also suffers from a lack of respect, both in the hospital and in the general society. Some doctors are notorious for putting nurses down, and today's media present a negative image of nurses.¹⁷

Andrews graduate Thor Thordarson (B.S.N. '85) of Augusta, Mich., now an instructor in psychiatric nursing, writes, "There is a general feeling among nurses of powerlessness and helplessness—this caused by a vicious circle of such things as lack of acknowledgment as a profession by other professions, lack of emphasis on higher education, autocratic management style of most nursing departments and hospitals, and deep divisions within the nursing profession regarding its future."

Ruth Baker (M.S. '85), a nursing instructor living in Glendale, Calif., sums up this lack of respect well: "Little or no sense of autonomy. Looked down on by other health professionals. Poor salary for great responsibility. Few advancement opportunities."

Over and over, survey respondents indicated that an ideal nursing position would include better salary and benefits, better hours, more autonomy and participation in the healthcare team, improved working relationships, and greater opportunities for advancement.

What makes today's nursing shortage more threatening than previous ones is the projection for the future. *Time* reports, "... enrollment in nursing schools has plummeted 20 percent, to less than 200,000 student nurses, since 1983. During that period, four of the nation's top nursing schools have closed their doors." Margretta M. Styles, president of the American Nurses Association, gives the following reasons: a diminishing college-age population, cuts in government funding for nursing programs, decreased government grants to



Husband and wife Jeff and Eva Eagan are both nurses who work in separate units at Mercy Memorial Medical Center in St. Joseph, Mich. Both are also Andrews alumni.

nursing students, and the attraction of better-paying career options. ¹⁹ Also, high school students hear of big hospital layoffs in recent years, due to government regulations like Diagnostic Related Groups (DRGs) and they question job security in nursing.

Seventh-day Adventist schools are no exception. At Walla Walla College, nursing "enrollment has fallen from an all-time high of about 325 students in 1978 to just under 100 today." Pacific Union College's two-year program has had about 100 students for the past three years. In 1978 when it offered only an A.S. in nursing, Pacific Union College had 75 graduates; in 1988 with both the A.S. and B.S. degrees, it had just 53 graduates.

Numbers of nursing graduates have also dropped at Columbia Union College and Union College. In June 1988, C.U.C. had 22 B.S. nursing graduates, compared to 40 ten years ago. Union graduated 12 B.S. nurses this past June, compared to 39 in June 1978

At Andrews, 56 graduated with a B.S. degree in nursing in June 1978, compared with 40 in June, 1987. The numbers of students graduating from the master's program in nursing has risen from 11 in 1983 (when the program began) to 25 in 1987. Andrews had 90 students enrolled in the undergraduate nursing program this past school year, and a total of 110 in the graduate program, including those at satellite locations.

Young people who do elect to study nursing often do so because of a role model they have known. But nurses experiencing the frustrations in their profession are not

encouraging young people to take up a nursing career. Anne Afton, for instance, says, "Right now nursing is really not the prime area to go into. I think one has to be realistic and say hopefully things will get better! If one enjoys people, has self-confidence, a good part of assertiveness, and a sense of dedication to the profession itself, then they may be able to tolerate the turmoil which is in the work setting." When asked if she'd ever seriously considered leaving nursing, she replied, "No. I can't imagine doing anything else. I've worked too hard and fought too many tough battles to simply quit!"

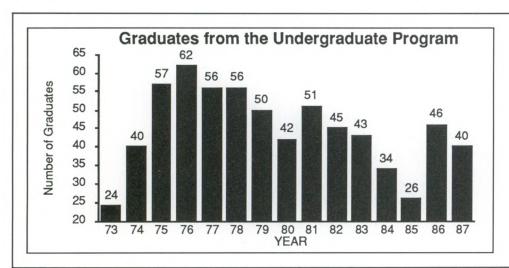
Asked how Andrews could be more effective in recruiting nursing students, the alumni primarily suggested: improving current wages and work situations, advertising in junior and senior high schools, emphasizing the actual realistic environment, and emphasizing options in nursing.

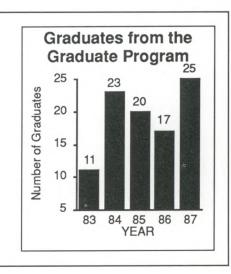
Charlotte Torkelson (B.S. '72), a geriatrics nurse of Green Brier, Tenn., replied, "Tell them how it is—hard work, long hours, high stress, but you touch lives, you see smiles, you know you make a difference, and you want to go on—in spite of it all."

Phyllis Plunkett (M.S.N. '86), a medicalsurgical head nurse in White Pigeon, Mich., adds, "Until we get our practicing RNs to feel good about their profession, nothing will help with recruiting quality students. The profession needs to be respected and valued by our current practitioners first and by society. Women and men have many career options—and because nursing is a stressful career, with low pay, one really thinks twice before choosing nursing We need to recruit more men into the profession and perhaps look at changing the word nurse to something else. Nurse has negative connotations. We need to recruit ambitious 'gogetters,' intelligent, and humane-caring individuals into our profession, not the ones that feel inferior, subservient, and lack selfesteem. Entry level needs to be at the bachelor's level; this would help our reputation as health care providers.

On the other hand, Dr. Rilla Taylor, who, as chairman of the Andrews nursing department, is involved with recruitment, says, "At no time in history have nurses" wages or working conditions been the principal attraction into the profession. Nor will the external conditions ever be enough to attract per-

Continued on page 15





Responding to the Challenge



Rilla Taylor, chairman of the department of nursing

e make a living out of what we get. We make a life out of what we give." This statement, posted on the bulletin board at the Andrews nursing department and on the door of the department chairman, Dr. Rilla Taylor, seems to sum up the philosophy of the department of nursing.

In a day when some are decrying the virtues of nursing, Dr. Taylor believes that it is a worthy profession. "Nursing attracts young persons who seek opportunities to express warmth, compassion and human concern. While not all choose nursing from altruistic motivation, most agree that nursing offers a unique opportunity for meaningful service . . .," says Taylor.

"The advantages of participation in the medical ministry of the church; the advantages of membership in the largest group of the health team; the advantages of leadership in the development of a maturing young profession. These are the advantages set before the 793 alumni of the Andrews University department of nursing," Taylor says.

Taylor realizes, however, that there is a nursing shortage nation-wide and that the profession has come under heavy criticism directed at overwork, low pay and lack of respect for nurses. While she acknowledges that the criticisms have had a negative effect on the profession, she is quick to point out that the complaints are symptomatic of today's society.

Nevertheless, in the baccalaureate program enrollment figures over the past 10

"While not all choose nursing from altruistic motivation, most agree that nursing offers a unique opportunity for meaningful service." — Rilla Taylor

years have continued to drop. In 1978, 146 students were enrolled in the baccalaureate program. In 1981 the master's degree in nursing was introduced, so total enrollment for the nursing department had risen slightly by 1983 with 118 in the undergraduate and 74 in the graduate program. Last year ('87-'88) 90 students were in the baccalaureate program, 110 in the graduate program, including satellite programs.

To meet today's challenges and to encourage enrollment in the nursing program, either on the undergraduate or graduate level, the nursing department has implemented several new programs.

1) The department offers a schedule plan which allows nursing majors in the baccalaureate program to begin mastering patient care skills as soon as they enter college and to perfect those skills through a carefully planned sequence of clinical courses extending through the senior year.

"Students who spend their entire first college year studying only the sciences sometimes long for the opportunity to become involved in 'real-world' activities,' says Taylor. "Beginning this fall (1988) our program will offer for the first time a schedule to meet this need."

The Foundations of Nursing class will be open to all, with no pre-requisites. Previously, because of the pre-requisites, only nursing majors took this class, says Taylor. "We are now opening it to everyone, to give them a chance to see if they are interested in nursing." After taking the class, students will be able to work as nurses aides, according to Taylor, who hopes this experience will encourage students to pursue a nursing career.

2) The department facilitates the progress

by Gina Devine Wahlen

of associate degree graduates to complete a master's degree using a plan which focuses on new learning and does not require repetition of the basic content already mastered.

"Although some programs require registered nurses to retake course work already completed, or else require extensive testing and validation procedures, registered nurses at Andrews will find that their current lower division credits are accepted and that the upper division course work is scheduled and designed to respond to their needs," says Taylor

3) A new program is beginning this fall which allows college graduates who are not nurses to become registered nurses and complete advanced work for a master's degree in only nine quarters. "The increasing numbers of college graduates who are choosing to retrain as nurses are creating a demand for efficient programming to complete licensure requirements and to obtain the professional standing provided by a master's degree." Students will be ready for licensure after the sixth quarter and will continue immediately with their advanced course work for three additional guarters.

4) The department offers a choice of clinical or administrative focus in the master of science degree. The clinical focus prepares the student in the area of geriatric nursing; students choosing the administrative focus prepare for a variety of leadership positions.

5) The "outreach" master's program. In this program, Andrews nursing professors travel to various communities throughout the United States to prepare nursing leaders who are interested in entering administration but who do not wish to interrupt their normal work schedule.

Students have completed these community-based programs in Portland, Ore.; Walla Walla, Wash.; and four different sites in Southwest Michigan. The program is currently operating in Bradenton, Fla.; Kettering, Ohio; Collegedale, Tenn.; Battle Creek and Grand Rapids, Mich.; and Hinsdale, III.

"Communities with a viable group of registered nurses desiring graduate study should contact [our department] regarding the possibility of having the program brought into their own community on a parttime, after-work basis," says Taylor.

"We [in the department] agree that many should be preparing for a career in the health care ministry. We remain alert and responsive to our students and their future employers as we prepare young people for the advantages of involvement in the health ministry of their church."

Gina Devine Wahlen graduated from Andrews in August with an M.A. in Religious Communication and is currently a free-lance writer living in Upper Lake, Calif., with her husband, Clinton (M.Div. '88).

Why Be a Nurse? Why Stay?

by Leah Curtin, R.N.

nne Morrow Lindberg, in her beautiful and sensitive book, *Gift from the Sea*, wrote: "When one is a stranger to oneself, then one is estranged from others, too. If one is out of touch with oneself, then one cannot touch others...."

This thought crosses my mind again and again as I think about such television "specials" on nursing as "The Oprah Winfrey Show," et al. I hear and watch nurses, my colleagues, harangue and condemn, express cold resentment for patients and their needs, angrily demand both public pity and public support. I don't doubt their sincerity or even the horror stories they tell, but I think "good grief!" They've equated their worst day with their entire careers, and laid it all on the profession as a whole. Or, even more sadly, they've allowed the difficulties they've faced-and usually overcome—to rob them of a sense of their own self-esteem—and their own power.

Obscuring Success

Is it possible that our preoccupation with the problems, obstacles and frustrations of practice has blotted out our achievements. advances and successes? Just as we all live in a physical environment and must adjust to its constraints, so too we live in a psychological environment that shapes the way we think. If we were living in an era of optimism, we should be more likely to see the world in rosier hues. This is an important point to remember, particularly in a period like the present when the process of selective perception filters out the positive and focuses on the negative, even seamy, side of just about everything. Recent forays into the literature of and about the nursing shortage illustrate this point. Rarely does any nurse or healthcare leader mention anything positive about the profession, or the environment, or even the patients. If you can't find something to criticize, why say anything

Certainly, serious thinkers always critique prevailing practices. However, we may have gone a bit too far: we've sacrificed a balanced perspective to a desire for reform. And nurses are the casualties: robbed of their success, denied their own heritage, their self-esteem and professional pride have been shattered. And with it our sense of power and ability to shape our own destinies. How can it be that those who 'care' have been disenheartened?

A Tradition with a Future

We in nursing have a tradition with a future. The tender loving care of human beings (yes, I choose to use this phrase though it has become trite, even passe, in some circles) will never become obsolete. In today's strained world among tomorrow's strange machines, people *more than ever* need to be touched to be restored, renewed,

revived and redeemed. Today, technology has brought us closer than ever before to the pain of living, so finally we have learned that health really does lie in restoring independence, not merely ministering to illness.

Why be a nurse? Why stay? You can earn a good living (nurses, on average, earn more than most female college graduates), but you could earn as much or more elsewhere. Nurses have a lot of mobility and flexibility (go anyplace-and if you're competent, you'll be welcomed with open arms), but a few other occupations offer almost as much mobility as we have. Nursing also offers a lot of variety—from school nurse to nurse anesthetist, from public health nurse to dean of a school, from nurse midwife to career officer in the military, from flight nurse to independent practitioner, from critical care specialist to family counselor. But then, I suppose that somewhere else you'll find almost as much variety.

A Tradition of Success

Why stay in nursing? Why be a nurse? Well, I can only answer for myself. Throughout my years in nursing, this profession has provided it all:

—to love much those whose courage and strength inspire admiration.

—to laugh with them in the face of pain and even death.

—to win the respect of intelligent people who know what it takes to act with grace under pressure.

—to endure the betrayal of false friends who publicly denigrate your work.

—to find the best in others as we seek to build on their strength.

—to give of one's self even when your reserves seem depleted (Maslow's triangle really should have been a volcano, for it is only in reaching out of self that the self can be fully actualized).

—to leave the world a bit better because someone's pain was diminished, someone's sorrow comforted, someone's choice restored, someone's child did not die alone.

—to have lived with enthusiasm (how can one value life if one has never witnessed the suffering that nature can extract from one human body?)

—to know, really know, literally know that one life has breathed easier because you have lived—and known what to do, and shared and given.

If one persists in nursing with unrelenting professionalism and tenacity, success—a successful life—is assured. These are my reasons for being a nurse, for staying in nursing. They may not be the same as yours, but then, when all is said and done, maybe, just maybe, they're yours, too.

Excerpts from an editorial in the July 1988 issue of *Nursing Management*. Leah Curtin is the magazine's editor. Reprinted with permission.

Is it possible that our preoccupation with the problems, obstacles and frustrations of practice has blotted out our achievement, advances and successes?

A Second Look At Nursing

by Michelle Chin



After graduating in 1987 with a B.S. in health psychology, Nino Ocampo is back at Andrews to earn a degree in nursing.

f nearly 80 percent of college students change their major at least once during their college years, it should not be surprising that some want to "change their major" even after they have graduated. The major that some are wanting to change to is nursing. And they are wanting it seriously enough to return to college for a second degree.

Vinenda Pandjaitan is a case in point. Not

a typical case, however.

In 1983, after four and a half years of teaching at Indonesia Union College in Bandung, Java, Vinenda's husband Edison wanted to pursue doctoral studies in theology. At the time that they came to Andrews, their local conference was sponsoring Edison's doctoral work at the Seventh-day Adventist Theological Seminary. But when the conference ran out of funds to continue supporting his studies, the Pandjaitans were faced with a serious financial predicament.

As a licensed physician, Vinenda was accepted to practice at a local hospital; her malpractice coverage was financed by a surgeon colleague. But with the rising cost of that insurance, the colleague could not continue the financial assistance.

The expense of insurance coverage combined with her scanty financial resources prevented Vinenda from launching her own private practice. She sought employment as a staff physician in several area hospitals. When she candidly informed her potential employers that they could expect only one to two years of service before her return to Indonesia, she was politely turned down.

Being in the medical field, Vinenda was aware of the financial benefits of nursing. The sole breadwinner, she concluded that if the family was to survive their "depression-like" existence, the quickest solution would be for her to become a nurse. Vinenda enrolled in the nursing program at Andrews.

Although people sometimes express surprise that a medical doctor returned to school to become a nurse, Vinenda sees her nursing experience as a means to enhance the medical practice that she will someday resume.

"I feel that I can now understand and appreciate the demands of nursing," Vinenda says. "So often we doctors just pop in and see the patient for a few minutes. It's the nurses who establish a one-to-one relationship with the patients." Her new insights will give her added credibility when she returns to teach and practice in Bandung, Indonesia.

Agnes Quion is tired, but happy. She has survived her second round with college, finished her course work, and passed the state board examination to become a registered nurse.

A 1978 graduate of St. Paul's College in the Philippines, Agnes discovered that in the United States, her degree in mathematics did not translate into an economically rewarding teaching career. Nursing, with its job availability and financial security, was an attractive alternative.

For this mother of three, the challenge of going back to school was met with eagerness. "Being a housewife was okay, but after spending all day with the kids, I sort of felt choked. I needed a change of atmosphere and going to school helped," says Agnes. "I think I am a better mother because I mingled with others."

The support from her husband Daniel, an emergency room physician at Watervliet Community Hospital, has been exceptional. He has done his share of dish washing, changing diapers and helping with other tasks.

"Mommy, I don't get to see you any more!" was the complaint Evelyn Tabingo heard when she decided to pursue a degree in nursing. While missionaries in Africa, Evelyn and her husband Henry decided to come to Andrews University to complete their master's degrees: computer science for Henry and music for Evelyn. But 11 years in the mission field had taken its toll on her musical skills. In the midst of her frustration, a friend in the nursing program suggested she change careers.

As a young student in the Philippines, Evelyn had considered a career in the medical area, but with her natural musical talent

Although their decisions were sparked by differing circumstances, most were attracted to a career in nursing by both the financial benefits and by the opportunities to serve others.

her advisors had recommended a music degree. Later, when she was in Africa, she became acutely aware of the need for missionary nurses.

So when her friend mentioned nursing, Evelyn was intrigued. However, she questioned whether or not she could condition herself to the unrelenting toil of a nurse. Nevertheless, the remark kindled her adventuresome spirit, and Evelyn joined her friend in the nursing program.

A devoted family person, she has had some reservations about spending so much time away from home. But Evelyn has enjoyed the challenge of studying for a new career. Despite her preconceptions about nursing, that familiar phrase, "Try it, you'll like it," has become a reality for her.

This December, when Evelyn completes her studies, her 14-year-old daughter

Darlynne, her 11-year-old twins Anthony and Eugene, and her husband Henry will be celebrating with her.

Mohan Jayaraman graduated in 1976 with a degree in history/political science from Spicer Memorial College in Poona, India. With his bachelor of liberal arts degree, Mohan intended to pursue a law career; however, the Indian educational system made it difficult for the young Seventh-day Adventist to continue law studies at the university. In 1982, Mohan, with his wife Sara and their three-year-old son Sylvantious, came to Andrews to pursue a graduate degree in special education on the elementary level. Although he had enjoyed teaching on the high school level, Mohan soon discovered that he would not derive the same satisfaction for the elementary level. That is when he decided to go into nursing.

He is delighted with his new career and the opportunities it provides for working with people, cancer patients in particular. "No man is an island," says Mohan. "Everybody needs attention. The patients in the oncology ward need support. By being there I can give them that support."

Eventually, he would like to return to India to teach nursing.

Nino Ocampo graduated from Andrews University in 1987 with a B.S. in health psychology. As a new college graduate, Nino was having a tough time deciding what to do with his degree. He wanted it to be a stepping stone to an advanced degree.

A graduate degree in psychology was one option. During his college days, he had been employed part-time doing rehabilitative work with autistic children. He found the work to be "very rewarding," but at the same time it was stressful.

Because he had always had an interest in the medical area, public health was another possibility. "My mother is a nurse, so I had been around nursing all my life," Nino says. But not until he had become acquainted with a few male nurses did he consider nursing as a career for himself.

Now well into the nursing program, Nino is working as an emergency room technician at Berrien General Hospital. This small insight into the world of nursing has fanned his enthusiasm for the job.

"I am excited," he says. "In the emergency room you help people and see results more quickly than with psychology."

During the 1987-88 academic year, 12 college graduates were enrolled at Andrews to earn a second degree because of their decision to change their career to nursing. Their first college degrees range from the fine arts to the sciences. With few exceptions most are married and have children. Although their decisions were sparked by differing circumstances, most were attracted to a career in nursing by both the

financial benefits and by the opportunities to serve others.

Michelle Chin, a junior political economics major, works as a student editorial assistant at the Andrews University public relations office.

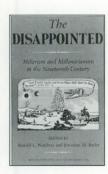


After changing her career from music to nursing, Evelyn Tabingo and her children look forward to her graduation.



Vinenda Pandjaitan, M.D., believes that with her nurse's training, she will better understand and appreciate the demands of the nursing profession.

Bookshelf-



Ronald L. Numbers and Jonathan M. Butler, *The Disappointed: Millerism and Millenarianism in the Nineteenth Century,* with illustrations selected by James R. Nix (Bloomington: University of Indiana Press, 1987), 235 pp. \$29.95

Reviewed by Gary Land

Beginning in the early 1970s, scholars have increasingly taken an interest in the Millerite movement. Although one of the first of this new generation of Millerite historians, David T. Arthur, was an Advent Christian, other students of the Adventist awakening of the 1840s had no personal ties to this religious movement. Therefore, it was fitting that a 1984 conference on "Millerism and the Millenarian Mind in 19th century America" brought together both Adventist and non-Adventist scholars to critically examine "the Millerite experience and its place in

American history." (xvii)
This volume brings together nine of the papers presented in 1984. The editors have also added two chapters not included in the conference: David T. Arthur's essay on Joshua V. Himes and a reprint of Louis Billington's article on the Millerites in Great Britain.

Despite the variety of subject matter, two central concerns emerge in the book. The first, reflecting an interpretation that goes back to Whitney Cross's *The Burned-Over District* (1950), argues that the Millerites held much in common with the American culture of the period. As David Rowe points out in his attempt to define the Millerites, their social structure differed little from that of the general population (p. 13). Furthermore, according to Ruth Alden Doan, the

Millerites not only fit into evangelical culture, "they also played a significant role in revitalizing it" (p. 121).

But an emphasis on the similarities between the Millerites and mid-nineteenth century American culture leads to a second major question: If the Millerites were so much like their contemporaries, why did those contemporaries vilify them? Eric Anderson in his study of the Millerite interpretation of the fall of Turkey warns against "taming" the movement and thereby missing its "scandal," namely its time-setting (p. 89). Doan carries this argument further, identifying the Millerite "heresy" with its radical supernaturalism which portraved a God who would break directly into human history (p. 128).

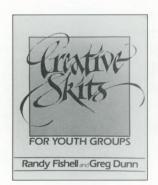
The affinity of Millerism with other radical movements of the period further underscores its ambivalent relationship to American culture. As is well known, a number of abolitionists became active in Millerism, but Ronald Graybill sensitively portrays through the person of Angelina Grimke Weld the many-faceted appeal that Millerism held for the reformer. Michael Barkun's account of the Oneida perfectionist, John Humphrey Noyes, who was both fascinated and repelled by Millerism, reveals on an individual level the association between millernarian ideas and insanity that Ronald and Janet Numbers explore on a wider social scale. And the surprising interest of Millerites, particularly after the Great Disappointment, in the Shakers turns out not to be so surprising, as Lawrence Foster makes clear. This radical aspect of Millerism continued on in Seventh-day Adventism, Jonathan Butler argues, particularly through the person of Ellen G. White. But, at the same time, this new denomination stabilized itself through both doctrinal and institutional consolidation. "Only through consolidation has Adventism continued to exist," Butler writes, "but only the spirit of boundlessness has made that existence worthwhile." (p. 205)

Although the essays in this volume were originally written by academicians for other academicians, they are readable,

interesting and accessible to the layman. The well-chosen period illustrations, including a color frontispiece of William Miller and a removable poster-size reproduction of a Millerite chart, further enhance the attractiveness of the volume. The recollections of the Great Disappointment by Luther Boutelle, Hiram Edson, and Henry B. Bear that appear in the appendix enable the reader to reexperience more directly the central event of this volume.

The Disappointed is necessary reading for both the professional historian and the general reader who wishes to understand the Millerite movement. While much work remains to be done—for instance, Wayne Judd's biographical sketch of William Miller needs to be expanded to book length—however, there is no better place to learn the state of our knowledge regarding the Millerites than this book.

Gary Land is professor of history at Andrews University.



Randy Fishell and Greg Dunn, Creative Skits for Youth Groups (Grand Rapids, Mich.: Baker Book House, 1987), 103 pp. \$6.95

Reviewed by Rose Marie Walter

In writing Creative Skits for Youth Groups, Randy Fishell and Greg Dunn have filled a need of youth leaders everywhere. That need is for more spiritually focused material written for the age group 12–15. Fishell and Dunn have provided not only twelve skits that address spiritual questions and needs for early teens, but their

skits can also provide material for discussion groups and perhaps inspire the creation of more skits written by early teens themselves.

The twelve skits cover a wide range of topics housed in often humorous characters and unusual settings. "Life Preserver, Anyone?" presents the human difficulty in accepting eternal life as a gift. "Change-O-Rama" addresses the desire each human feels at times to be someone else. "A Quaint Little Custom" deals with appreciation.

"The Factory" is the best skit in the book. In the late 1980s racism has begun to reappear in elementary and high schools. "The Factory" reminds us that we have the same origin—a garden and the same Creator—God. Fishell and Dunn, both graduates of Andrews University, present in a non-abrasive way the "oneness" of humankind.

The skits can be produced quite simply, requiring few props and small casts. They would work well as a Sabbath school program or even an assembly program. An added feature is the list of Scripture references at the end of each skit. Youth leaders and teachers can find the book at Adventist Book Centers and other religious bookstores.

Rose Marie Walter (M.A. '75), formerly a teacher, is a contract analyst for Blue Cross of California and lives in Napa, Calif.

Book Titles Sought

BOOKSHELF reviews books written by Andrews University faculty and alumni. If you have had a book published within the past year, please send us a copy to be considered for review in this column. If it is not reviewed, the book will be returned.

Andrews University 1987–88 Annual Report



W. Richard Lesher

PRESIDENT'S REPORT

t is a privilege for me to bring to you a brief report on Andrews University for the 1987–1988 academic year.

Andrews began the academic year with a fall enrollment of 2,979 students. The University has been able to maintain an enroll-

ment around the 3,000 student mark since the early 1980s. Since Andrews derives most of its income from tuition, year-to-year enrollments have significant financial implications.

implications.

The most important event on campus every year is graduation. All of us, faculty and students alike, work toward this goal. The spring and summer graduations totaled 925 men and women who have earned undergraduate and graduate degrees this

year. The number of applications indicate that we shall replace these graduates, come September.

Much faculty and administrative effort has been invested in the preparation of a self-study report for the North Central Association of Colleges and Schools. A visiting team for the association will be on campus in April of 1989. This organization accredits the University as a degree-granting institution. Beyond supplying basic accrediting data, the study will also help the Andrews faculty and staff take a thorough look at the University and its operation and make improvements where they are needed.

The new physical therapy program was accredited in March by the American Physical Therapy Association (APTA). This recognition followed five years of intensive program development work by the faculty of the physical therapy department. This notice came just in time for the degrees of the members of the first graduating class in physical therapy to be fully accredited.

Two degrees began to be offered at Andrews last year. The education specialist degree was added in the School of Education and a master's degree in conducting is now offered in the College of Arts and Sciences.

The Andrews University Institute of Intercultural Relations has provided crosscultural workshops to almost 200 corporate executives of the Whirlpool Corporation.

Also, the Board of Trustees has authorized the reopening of the program for the bachelor of social work. This program is under the leadership of the behavioral sciences department. A new outreach program places students in service positions in Benton Harbor. Begun with support from the McGregor Fund and continued through other private and public grants, the Community Service Assistantship Program has enabled some 50 Andrews students to provide vitally needed services to nonprofit agencies and city departments.

The friends of Andrews continue to set records in contributions to the University. Our preliminary figures show that during 1987–1988, donors contributed a total of \$2,199,891. This is the third consecutive year in which these donations establish a new giving record for Andrews. We are deeply grateful to all of you, alumni, faculty and staff, corporations, foundations, trus-

tees, and other friends for this generous support.

On July 25, we broke ground for a School of Business building. The building will be named Chan Shun Hall in honor of the principal donor, Dr. Chan Shun. The fund raising has been completed.

This new facility represents a historic event for the University. Not only does this building make a statement on the importance of business training at this institution, but it is also the first time that the construction of a building has been fully funded through private sources, and an endowment to give support to its operation in the future has been provided.

Each of the 2.8 million dollars required for this project has been given or pledged by individual or corporate supporters of Andrews. No tuition, church or loan dollars will have to be used to either build or endow this new facility. Our trustees and administration feel that for the future this should be the pattern for financing building projects at Andrews University. Again, my thanks to our supporters for making this possible.

For the Physical Plant, Some Significant Steps Forward

In my report to you last year, I noted the major investments Andrews needed to make in a new water system to meet fire code requirements. This past year, we were able to install a loop of larger water pipes around campus. Even at this moment the last steps in the installation of a new 250,000-gallon water tower are being taken. Also, three months ago our newly refurbished bookstore opened its doors. I invite you to see it when you come on campus.

The Year Ahead

An important task in 1988–1989 will be implementation of recommendations that have grown out of the NCA self-study.

I again ask you to keep Andrews University, its faculty and students, its staff and administration, in your prayers. We at Andrews are concerned about excellence in academic areas. We must provide students with an environment for optimum intellectual growth. But above this, this institution's key mission is to do everything in the context of fervent faith in God. Thank you for your prayers and support as we reach for this goal. — W. Richard Lesher

Financial Summary

he preliminary unaudited financial report for Andrews University for the 1987-88 year indicates improvements in some operations as compared to last year. The University's auxiliary operations (food service, student housing, bookstore, etc.) maintained a favorable operation this past year similar to the last several years. The operating picture for the general institution, however, experienced some loss which was increased further due to additional debt service costs associated with the close-out of the University's commercial businesses that were sold in 1987. The Lake Union and General Conferences of Seventhday Adventists continue to provide sizeable operating subsidies for the University's undergraduate and graduate programs respectively. Those appropriations were well in excess of \$5 million for each of the last three years.

The accompanying comparative balance sheet indicates the financial position of the University for the last two fiscal years. The endowment, annuity and life income funds have continued to grow reflecting the generous support of alumni and friends of the University for Endowment 1990.

The financial condition of the Plant Fund has continued to improve reflecting an affirmative decision by the administration and the board several years ago to reduce both long-term liabilities and deficit fund balances in a systematic way. That decision is reflected in a reduction in Plant Fund indebtedness of \$465,000.

At its summer meeting the Board of Trustees reaffirmed its intention to continue operating Apple Valley Plaza which provides employment for many University students. The preliminary operations for Apple Valley also show significant improvement over the previous year's operations.

E. E. Wines, Vice President Financial Administration

Revenues	1987-88	%	1986-87	%
Tuition & Fees	16,451,582	44.8	15,484,156	45.7
Government Grants	2,522,797	6.9	2,440,695	7.2
Private Gifts & Grants	7,087,753	19.3	5,824,062	17.2
Endowment & Other	2,568,905	7.0	2,268,006	6.7
Total Educational & General	28,631,037	78.0	26,016,919	76.8
Auxiliaries	8,080,685	22.0	7,849,816	23.2
Total Revenues	36,711,722	100.0	33,866,735	100.0
Expenditures				
Instructional & Research	11,002,179	29.6	9,585,630	28.3
Public Service	519,525	1.4	484,340	1.4
Academic Support	3,380,779	9.1	2,982,615	8.8
Student Services	2,192,352	5.9	2,064,287	6.1
Institutional Support	4,559,008	12.3	3,941,233	11.8
Plant Operation & Depreciation	2,926,106	7.9	2,766,617	8.2
Scholarships & Grants	5,308,607	14.3	4,946,531	14.6
Total Educational & General	29,888,556	80.3	26,771,253	79.2
Auxiliaries	7,324,340	19.7	7,045,768	20.8
Total Expenditures	37,212,896	100.0	33,817,021	100.0

Assets	1987-88	1986-87	Liabilities & Fund Balances	1987-88	1986-87
Current Funds			Current Funds		
Cash & Investments	-158,613	69,437	Current Liabilities	5,287,707	4,985,137
Receivables	2,896,333	3,440,914	Long-term Liabilities	500,000	600,000
Inventories & Prepaids	2,996,585	2,215,366	Due to Other Funds	1,965,137	1,666,801
Total	5,734,305	5,725,717	Fund Balances	-2,018,539	-1,526,221
Loan Funds	5,751,505	5,725,717	Total	5,734,305	5,725,717
Cash	0	13,886	Loan Funds	0,100,000	-,,
Receivables	1,100,917	959,684	Fund Balances	1,283,838	1,167,780
Due from Other Funds	182,921	194,210			
m . 1	4 000 000	1 167 700	Total	1,283,838	1,167,780
Total Endowment, Annuity & Life Income Funds	1,283,838	1,167,780	Endowment, Annuity & Life Income Funds	100.040	507 615
Cash & Investments	4,978,888	3,787,898	Current Liabilities	193,243 1,050,190	507,615 771,204
Receivables	1,101,258	1,194,821	Long-term Liabilities Annuities Payable	118,892	131,376
Industries & Leasehold Investments	1,760,329	2,193,370	Fund Balances—Annuity & Life Income	1,314,365	954,331
Due from Other Funds	738,643	729,003	Fund Balances—Annuity & Elle Income Fund Balances—Quasi & Term Endowments	1,748,735	1,742,644
Due Irolli Other Funds	730,043	723,003	Fund Balances—Quasi & Term Endowments Fund Balances—Endowment	4,153,693	3,797,922
Total	8,579,118	7,905,092	Fund Balances—Endowment	4,133,033	3,737,322
Plant Funds			Total	8,579,118	7,905,092
Cash & Investments	2,027,581	1,308,254	Plant Funds		
Receivables	699,106	783,093	Current Liabilities	481,125	738,863
Due from Other Funds	942,364	644,895	Long-term Liabilities	2,436,533	2,643,709
Land & Land Improvements	1,974,502	2,049,510	Fund Balances—Unexpended	5,059,360	2,718,398
Buildings	23,353,846	23,194,015	Fund Balances—Retirement of Debt	0	(
Equipment	8,122,602	7,722,951	Fund Balances—Invested in Plant	29,142,983	29,601,748
Total	37,120,001	35,702,718	Total	37,120,001	35,702,718
Agency Funds			Agency Funds		
Receivables	13,872	49,274	Current Liabilities	115,081	147,967
Due from Other Funds	101,209	98,693	Total	115,081	147,967
Total	115,081	147,967			
	52,832,343	50,649,274		52,832,343	50,649,274

Alumni, You've Always Been There When We've Needed You

sk ANYONE to tell you what the Alumni Association does and you can be guaranteed they will all say, "Ask for money."

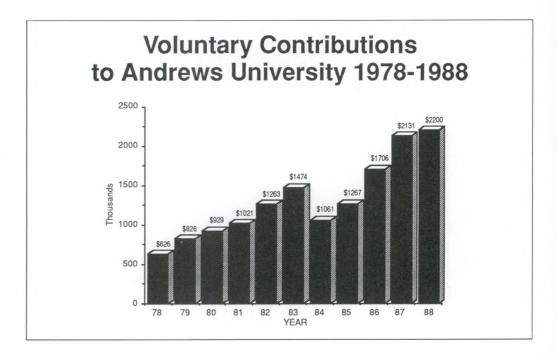
Even though YOU know that's not all the Alumni Association does, we've asked, and you've always been there when we've needed you.

Voluntary financial support from alumni has experienced phenomenal growth during the last eight years—from 10 percent of our alumni constituency giving \$99,420 in fiscal year 1979–80 to 29 percent giving \$332,677 in 1987–88.

Your gifts have provided scholarship money for students, research money for faculty, helped to build and maintain campus buildings, laid the foundation for our \$10 million endowment fund and purchased equipment for campus buildings and classrooms.

In addition to cash gifts you have given gifts of valuable collections, appreciated properties such as real estate and securities, and have made philanthropic commitments into the future through charitable trusts and annuities. Many of you have also remembered Adventist education at Andrews University in your will.

BECA (Business Executives Challenge to Alumni) has become synonymous with



alumni giving in the minds of many of our alumni. We thank you for meeting the challenges in this last year of BECA II.

BECA has been the vehicle in raising Andrews University's Annual Fund to signifi-

cant levels, graphically displayed on this page. The Alumni Office would like to thank those who set up the original challenge money for the BECA grants. Although they have chosen to remain anonymous, their gifts and intentions are a public endorsement of Adventist higher education. Your alma mater has benefitted from more than \$261,000 in challenge money for which we are most grateful.

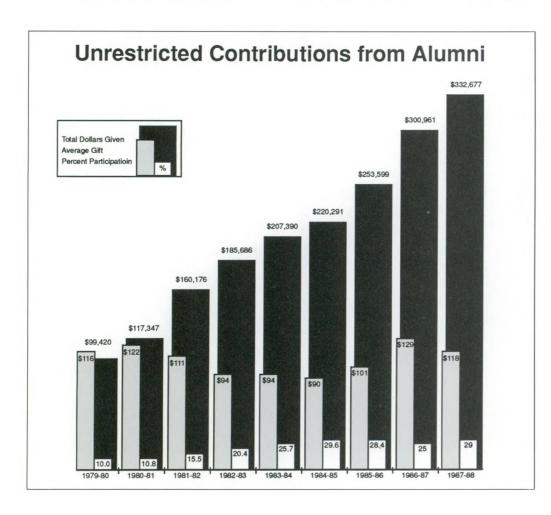
In addition, there are three Andrews alumni whose gifts, amounting to \$25,000, helped us qualify for participation in the BECA challenge program. We wish to thank those three people also.

The BECA challenge program has brought our alumni fund-raising to maturity. We think our challengers can be pleased with what we have accomplished together over the last several years. Now we must leave the nest and fly on our own, looking for our own challenges. We need to push toward achieving levels of participation in alumni giving equal to national giving norms to private institutions.

As the pool of recruitable students dwindles over the next ten years and budgets become tighter, we will look to alumni of this institution for fiscal indications that Adventist education is a tradition that must be preserved.

We thank you for continuing to share your material resources and also your talents of time—as chapter officers, class agents, alumni board members, reunion leaders and volunteers at the phonathon. And you have undergirded all our campus activities past and present with your prayers.

How can we ever thank you enough? The University pledges to you its best efforts in using your gifts wisely in the cause of Adventist education.



Chan Shun Hall:

The School of Business Finds a Home

by Craig van Rooyen



In a meeting with University representatives at his San Francisco office in January 1987, Chan Shun pledged an additional \$500,000 toward a School of Business building. From left: Walter Chin, Richard Hammill, Chan Shun, W. Richard Lesher and David Faehner.

or the first time in Andrews' history, the University is erecting a building that has been totally funded and endowed by donations. Not a penny of tuition money will be spent either for the construction of the building or for the operating expenses after it is in use.

The building is Chan Shun Hall, a new facility for the expanding School of Business. Construction expenses for the 27,000 square foot building will total \$2.21 million. In addition, an operating endowment of \$546,000 was raised to bring the entire project to \$2.76 million. It won't cost students

The operating endowment will be invested and the interest used to pay for the cleaning, heating, air-conditioning, electricity, water and other operating expenses of the new building. "An operating endowment is an investment in the future that the university forces itself to make," says Arthur Coetzee, vice-president for academic administration. "Students could attend Andrews for half of the present tuition if we had every building on campus and the overhead of each endowed," he says, explaining that more than half of the university's budget is used for expenses other than teachers' salaries and implementing educational programs.

One of the cornerstone policies of the W. Richard Lesher administration has been an absolute halt on all construction projects that aren't completely funded and endowed before they are embarked upon. "This makes sense for an institution that is so tuition driven," says Albin Grohar, director of development, who along with David Faehner, vice president for university



School of Business Dean Slimen Saliba displays a model of the school's new building.



Participating in the July 25 groundbreaking were, from left, Dale Twomley, Worthington Foods, Sharron Krieger, Whirlpool Foundation; Neal Wilson, General Conference of Seventh-day Adventists; Walter Chin, Chan Shun Foundation; W. Richard Lesher, Andrews University; Samuel Young, Chan Shun Foundation; Robert Kloosterhuis, Andrews Board of Trustees; Dolores Slikkers, Andrews Board of Trustees; Slimen Saliba, Andrews University,

advancement, spearheaded the fund-raising campaign. "Without an operating endowment, after a while a building's maintenance starts costing the University a lot of money," points out Faehner. "Pretty soon you have to raise tuition to pay the bills. This is why the president has held so firmly to his policy.

Dr. Chan Shun, the building's namesake, donated \$1.1 million toward construction expenses, the largest donation in Andrews history. The donation, however, was also a challenge. Chan gave the money with the stipulation that if the University didn't raise the balance and begin construction by July of 1988, he would retract his donation. The University administration embarked on a campaign to raise the remaining \$1.66 million in time for a July 25 ground breaking ceremony. Construction began July 26, with the building scheduled to be completed in time for the 1989-90 school year.

Chan Shun is a Hong Kong businessman who has been a Seventh-day Adventist all of his life. His education, which he received in Adventist schools, reaches only the grammar school level. But lack of schooling did not limit his financial accomplishments. Chan became involved in the garment manufacturing industry and eventually became owner of Crocodile Garments Company operating out of Hong Kong. Over 1,500 employees worked at Chan's factory and 30 retail stores, which for 40 years he faithfully closed on Sabbath and opened on Sunday. Chan recently sold Crocodile Garments Company, and now re-invests all over the world. He owns a land development program in California and businesses in Canada. He strongly believes that his success is a direct result of his partnership with the Lord. "The only cause of my success is the Lord's blessing," he says.

As a philanthropist with a keen interest in Adventist education, Chan has used his money to help spread the gospel and strengthen Adventist educational institutions. He has helped build 17 Seventh-day Adventist churches all over the world. In 1986, Pacific Union College completed a new science complex, with the help of a large Chan Shun donation. At Loma Linda, he has set up a one million dollar endowment that funds student scholarships. Atlantic Union College, Canadian Union College, and Philippine Union College have also ben-

efited from his donations.

Andrews University's contact with Chan grew out of a missionary's trip in the late 1930s. The missionary, Richard Hammill, later became president of Andrews. Hammill met Chan's father, who was an Adventist businessman at the time, and became friends with the family. Years later in 1974, when Hammill was president of Andrews, the university conferred an honorary Doctor of Laws degree on Chan.

Plans for a new School of Business building began almost ten years ago under Presi-

dent Joseph G. Smoot. In 1979 Smoot went to Hong Kong, along with Hammill and two other Andrews representatives, to ask Chan for a \$500,000 donation, expecting the entire project to cost one million dollars. Chan pledged a \$500,000 grant in 1980 but the University was unable to use the money right away due to a drop in enrollment and the resulting financial problems. By the time Andrews was again ready to think seriously about construction of the building, estimates for the cost had soared to over \$2 million. "We realized that we had to do something with this project right away or else just forget the whole thing," said Faehner. So in January 1987, Lesher, Faehner and Hammill went to San Francisco to negotiate with Chan for an additional \$500,000, which he granted. In 1988 Chan pledged another \$100,000 to bring his total contribution to exactly half of the projected construction expenses of the

Chan Shun Hall is a step toward the realization of Slimen Saliba's vision for the future of the School of Business and its role in supporting the Seventh-day Adventist Church. "The Seventh-day Adventist Church as an institution will best achieve growth if it is supported on four legs," says Saliba. dean of the School of Business. "Those four legs are the preaching of the gospel, the medical work, a strong educational system, and development of a management training program." Saliba feels that in the past the church has overlooked the importance of cultivating the managerial skills needed to run and manage a large institution. He sees the School of Business evolving to fill that role. "As a professional school we will no longer be viewed as merely training accountants for treasury positions," he says.

For almost 80 years Andrews has been training students to become business professionals. In the 1950s the department of business administration was created. As the curriculum and the faculty grew, the department was reorganized into the School of Business in 1980. Since 1977 the School's enrollment has grown by 69 percent, from 166 to 280. The number of faculty has increased from six to 15. Nearly 1,000 students have received undergraduate business degrees, and almost 300 have graduated with MBAs. Presently the School offers degrees in accounting, business management and administration, economics, information systems, marketing, and office management.

Chan Shun Hall will strengthen the School of Business and the University in a number of ways. On a purely functional level it will alleviate the crowded condition in Nethery Hall, which houses the School of Business, seven departments in the College of Arts and Sciences, and two academic administrative offices.

On a less tangible level the new building will give the School of Business a sense of identity. "It's hard to nurture a professional presence when there is no place on campus that you can point to and say, 'that's the School of Business,' " says Saliba. "Right now we don't have an identity. We're spread out all over campus. The new building will create an image in the minds of our constituents which will benefit the University and



Slimen Saliba, left, dean of the School of Business, and Walter Chin, director of international operations for the Chan Shun Foundation.









Speakers at the groundbreaking ceremony included, clockwise from top left; Samuel Young, director of grants evaluation and planning for the Chan Shun Foundation; Sharron Krieger, executive director of Whirlpool Foundation; Amey Upton, wife of U.S. Representative Fred Upton; and Edward Conrad, executive director of Twin Cities Area Chamber of Commerce.

the church at large."

Finally, Chan Shun Hall will provide an interface between the community and the University. The new building will face both the University campus and the community. "This is symbolic," Saliba says. "It makes a statement that we are responsible both to the Andrews student and to the community."

"We have come to the point where we can and should share with the community," says Coetzee. "It's very easy for us as a Christian university to say 'we're different,' and pull away from the outside. But we are not just Christians on Sabbath. We are Christian teachers and Christian scientists and Christian businessmen all week long. Our involvement as Christians with the community is extremely important. It's a response of thanks to the community for helping the University, and at the same time it's a witness."

There will be rooms in the building which are specifically tagged for community use as conference and seminar facilities. Saliba has long-range plans to establish programs for non-traditional students who primarily

want to attend evening classes. Easy community accessibility was one of the reasons that the University chose to locate Chan Shun Hall on the southeast corner of the campus next to the library on Seminary Drive.

The simple design of Chan Shun Hall stems from a fusion of the creative and organizational abilities of students, faculty, administrators and professional architects.

In May 1987, thirty people, including business and architecture students and faculty and University administrators, met for a full-day planning session.

The University selected Kingscott Associates as architects for the building. The firm requested that the department of architecture participate in the design of the building. In January 1988 a full-day design workshop was held in the architecture building on campus.

Bill Briggs, the Kingscott architectural designer for the project, graduated from Andrews University with a bachelor of architecture degree in 1986. "We wanted to incorporate the architecture from the library, seminary building and administration building into the design for the new building," he says. Other design features include rooms specifically for community use, and a lobby-gallery area in the front of the building. The second story protrudes out over the first story and is supported by pillars which enclose an arcade area.

The most striking feature of the new building is a serpentine glass wall that defines the foyer area on the ground floor and invites people in. "Chan Shun Hall will be the first educational building on campus with a true foyer," says Neville Clouten, chairman of the architecture department. "It will be a gallery where art can be displayed as well as an informal study area where students can linger and interact with each other and teachers."

And yet even before Chan Shun Hall has been completed, Saliba is already dreaming and looking beyond the building to the future. "The building is only a step in the long evolution of the School of Business," he explains. "Eventually we want to carve a niche for ourselves in pushing back the frontiers of knowledge." Saliba sees an opportunity to reach this goal through faculty research of not-for-profit organizations. "We could really make a contribution to the field of management in much the same way that the church's medical program has made a contribution to the field of medicine," he says.

Increasing enrollment to fill the 500student-capacity building is another of Saliba's goals. "I would like to see scholarships for the best minds in Adventism to come here to study." And with the business skills students learn at Andrews, Saliba sees them "managing the proclamation of the gospel more effectively."

And so Chan Shun Hall is much more than a history-making brick structure that will alleviate cramped conditions in Nethery Hall. It is a symbol of Andrews University's commitment to scholarship, service and ultimately the spread of the gospel.

Craig van Rooyen, a senior journalism major, is a newswriter for the Andrews University public relations office.

Newly Activated Endowed Scholarships

hrough the generosity of alumni and friends of Andrews University, 21 new endowments and one endowed chair were established and/or activated between Jan. 1, 1987, and June 30, 1988. This brings a new total of 120 active endowments at Andrews.

To establish a scholarship endowment, the donor contacts either the president's office or office of development, where an agreement is made regarding the type of endowment and the amount. In order to be activated, the fund must reach a minimum of \$5,000. Interest from the account is used for the scholarship award. Each year, Andrews students receive between \$150,000 and \$250,000 from endowed scholarships, according to Albin Grohar, director of development.

The following is a description of the newly activated endowed scholarships and the newly endowed chair:

Nels and Mabel Andersen Endowed Scholarship Fund. Established in 1982 with proceeds from the Nels and Mabel Andersen Trust and contributions from the various members of the Andersen family, this endowment was activated in 1988. This scholarship is to benefit students enrolled in the College of Arts and Sciences.

J. N. Andrews Memorial Chair in Religion. This chair was established by Ellsworth and Sharon McKee in June 1987. The chair is to be occupied by a well qualified and established person, holding and actively supporting the teachings of the Seventh-day Adventist Church through a personal example, in teaching and in preaching.

Arthur E. and Ida C. Axelson Endowed Scholarship Fund. This endowment was established by Ida C. Axelson in August 1987. The scholarship benefits Theological Seminary students who are pursuing a course of study toward the ministry.

1976 Bicentennial Endowed Scholarship Fund. This fund was established by the graduating Class of 1976. The scholarship generated by the fund is to benefit students pursuing a course of study at the University's College of Arts and Sciences.

E. Jack and Juanita K. Boyson Endowed Scholarship. Established by E. Jack and Juanita K. Boyson and activated in 1987, this scholarship will benefit needy and worthy students involved in some aspect of community service. Students are to be recommended by the chairman of the behavioral sciences department.

Nicolas and Margarita Chaij International Student Endowment Fund. Established by Selma A. Chaij and other members of the Chaij family in 1987, the fund's scholarship is to be awarded to an international student who comes from a Spanish speaking country in Central or South America or the Caribbean area.

Michael and Phyllis Chucta Endowed Scholarship Fund. This endowed scholarship was established by Michael and Phyllis Chucta and was activated in 1987. Awards are to be made to any worthy and needy student attending Andrews University.

Herman B. and Erma Wolcott Douglass Endowed Scholarship. Established by Herman B. and Erma Wolcott Douglass in 1987, this endowment will assist needy and worthy students pursuing a course of study in elementary education or a senior undergraduate or a graduate student in the same curriculum.

Mercedes Habenicht Dyer Endowed Scholarship Fund. This endowment was established by Herald and Donna Habenicht in 1988. Proceeds from it are to be awarded to a needy and worthy student(s) who is (are) enrolled in a graduate program in the School of Education's department of educational and counseling psychology.

Engineering Technology Endowed Scholarship Fund. This endowment was established in 1988 by a donor who wishes to remain anonymous. A scholarship from it will be awarded annually to a needy student who pursues a course of study in the department of engineering technology.

Gratitude Endowed Scholarship Fund for Returning Student Missionaries. This endowment was established by Chester and Mary Jean Damron and was activated in 1987. Income from this endowment will benefit needy and worthy student missionaries who return to Andrews University to pursue studies.

Richard and Dena Hammill Leadership Development Endowed Scholarship Fund. Established by Richard and Dena Hammill in 1987, this scholarship is to be awarded annually to a needy and worthy student enrolled in the Seventh-day Adventist Theological Seminary. Awardees of this scholarship are to be graduate students who come from countries outside the United States and Canada, with preference given to doctoral students from Third World countries.

Eric B. Hare Endowed Scholarship. This endowed scholarship was established by Leonard N. and Esther Hare in 1987. It is to be awarded annually to a student(s) enrolled in the Ruth Murdoch Elementary School in Berrien Springs. Preference is to be given to those students from (1) Burma, (2) India and (3) the Far East.

Herrick Endowed Scholarship. Activated in 1987, this endowment was established with a grant from the Herrick Foundation in Detroit. The scholarship from this endowment benefits undergraduate students who attend the University.

Edward and Cora Lugenbeal Memorial Scholarship Fund. Established by Herald A. and Donna J. Habenicht in 1987, this scholarship is to be awarded annually to a student pursuing a course of study leading to a graduate degree in education.

Arthur S. and Rachel E. Maxwell Endowed Scholarship Fund. Established and activated in 1987, this endowment was begun by C. Mervyn and Pauline G. Maxwell. The scholarship is to be awarded annually to a student who is pursuing course work leading to a doctoral degree from the Seventh-day Adventist Theological Seminary.

Charles A. and Esther Allen Rentfro Memorial Endowed Scholarship. Activated in 1987, this scholarship is to be awarded annually to a needy and worthy student attending Andrews University.

Milo and Mabel Sawvell Memorial Endowed Scholarship. This scholarship was activated in 1987, and was established by Austin and Phyllis Sawvell in honor of their parents Milo and Mabel Sawvell. This scholarship is to be awarded annually to a student who is pursuing a course of study in elementary education.

Clyde and Edith Smith Endowed Scholarship Fund. This fund was established by Bruce D. Oliver, D.D.S., in 1987 in honor of his aunt and uncle who gave many years of service to the Seventh-day Adventist Church. It will benefit students who are pursuing a course of study in architecture.

Wilton H. and Minnie I. Wood Endowed Scholarship Fund. This fund was activated in 1987 and was established by Wilton H. and Minnie I. Wood. It is to benefit students who are enrolled in a course of study in the College of Arts and Sciences.

Kenneth A. Wright Memorial Endowed Scholarship. This scholarship was established under the leadership of Joseph G. Smoot, former president of Andrews University (1976–1983), to memorialize Kenneth A. Wright, former president of Southern College. There are no restrictions on the type of student who is to benefit from this endowment.

Louis Ulloth Endowed Scholarship Fund. This scholarship was activated in 1987, and was established by Julian P. Ulloth in honor of his father. It will benefit students who are enrolled in mathematics, science or computer science curriculum.

DONOR RECOGNITION

1987-88

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Joseph R Stankavich

Andrea P Steele

Frederick R Stephan Myrtle L Stern Janet Faye Stochr Charles J Stokes Wolfgang D J Struntz Sharen M Stubbs Charles R Taylor Harry W Taylor Garth D Thompson, Deceased Fred Torkelson Eugene F Toussaint Alice D Trubey Constance D Twomley Eleanor Umek Edwin Vallieres Donald Van Duinen George Vandeman Max Vanwickle Verlie Y Ward Leonard G Wartzok H Rosemary Waterhouse Cecil E Webb Ionathan D Wentworth George L Wheeker William G White Jr Marilyn M Williams Glenda Santee Willis Oliver K Wilson Sr Charles E Wittschiebe Minnie Iverson Wood Wilton H Wood Robert Yingst Bonnie L Young Patricia A Young Mary Zezas

ALUMNI

Gifts from alumni to their alma mater suggest an abiding confidence in Andrews University and all it represents. A special thanks is extended to those who donated in 1987-88. Pictured with the classes are class agents who lead in class fund-raising.

1917

50.0 percent \$110.00

Clarence B Keppler Katherine A Wilcox

1918

25.0 percent \$25.00

Gottfried F Ruf

1919

20.0 percent \$105.00

Bernard L Thompson

1920

20.0 percent \$10.00

Daniel Halvorsen

1921

14.3 percent \$50.00

Ruby J Hicks

1922

14.3 percent \$1,000.00

Mark L Bovee

1923

20.0 percent \$50.00

L Lucille Babienco Marjorie Y Evens

1924

25.0 percent \$55.00

Clarence V Atteberry Louise Hammond Butler Dorothy Cohoo Whitehead

1925

30.0 percent \$40.00

Irma H Ellsworth Jody M Ketterman Cecil Woods

1926

41.2 percent \$266.50



Opal Hoover Young

Fred E Bradford Gladys H Davis Ruth B McDaniel Olga Oakland B Vincent Tibbets M Eleanor Trefz Opal Hoover Young

1927

48.5 percent \$5,827.50

Gladys Bakeman Trust Alfred L. Christensen Beulah Christensen Ellen A Ermshar Gladys M Ferciot Ruth Eggar Hagele Hervey L Higgins Glee H King Frank L Marsh Cecil W Mayor Warner E Mcclure Gerald R Nash Charles A Rentfro Floyd O Sanders Thelma A Smith Marjorie V S Weaver

1928

35.3 percent \$1,330.00



Ruth R. Murdoch & Floyd Rittenhouse

Leah Graham Ruth R Murdoch Floyd O Rittenhouse Madge K Shattuck Edna K Small Edith L Smith

1929

50.0 percent \$5,671.13

Lillian Allard
Raleigh G Burchfield
Irene M Claflin
C Fred Clarke
Helen M Clarke
Mildred M Grandbois
Mae Haley
Pearl L Hall
A Marjorie W Harrop
Sadia G Hill
Alice R Marsh
Flossie M Morton
Wilbur S Sanders
Walter E Zimmerman

1930

30.0 percent \$925.00

Ethel R Bowen Jean S Boyd Maurine Shaw Boyd Robert K Boyd Purden Thompson Lausten Ovid D Nivison Helena M S Rosenberger Lillian B Swartz Emil Tetz

1931

42.3 percent \$440.50

Martha M Benjamin G Elaine Giddings Frances Allene Hallock Norman Hallock Carl L Jacobs Ray Lester Jacobs Robert K McAllister Delight D Rusche Carroll S Small Florence Allen Spooner Harry A Wohlers

1932

48.4 percent \$1,367.00



Wilton H. Wood

Marjorie L Butler Dorothy R Deming Murray W Deming Donald R Gibbs La Verne B Heller Francis Keirnan Genevieve B Rittenhouse Paul R Rittenhouse Gertrude E Olsen Saxman Doris Fellows Sherwood Ardis G Sowler Richard C Stocker Grace Butler Wical Agnes M Williams Wilton H Wood

1933

22.6 percent \$650.50

Louise J Ambs Grover R Fattic Jr Edward Heppenstall Zelia M Laurell Bruno W Steinweg Leonard G Wartzok Violette J Wartzok

1934

48.1 percent \$1,322.62



Harry W. Taylor

Edward C Banks
Edwin R Bruckner
Kathryn A Habenicht
Irene Wakeham Lee
Opal Lucille Miller
Elsie B Minesinger
Lillian Patrick
Alice Bodine Perrine
Mildred E Rottmann
Harry W Taylor
Malvina Zachary Taylor
Arthur Lee Tucker
Ruth G West
Hugh H Worsley

1935

48.1 percent \$2,837.00



James L. Hagle

Dorothy S Culbert Betty R Garber Gertrude Jones Hagle James L Hagle M Alberta Jacobs Torsten H Lundstrom Myrl O Manley Donald B Myers James K Skahen Virginia D Steinweg Lois J Walker Audrey Shull Weichert Ruth M Whitfield

1936

41.9 percent \$3,542.50



Arlene M. Grimley

William Berecz Jr Hugh E Bowen Clyde C Cleveland Marie Snow Day Arlene M Grimley Beryl Haskell Jean B Marsa Percy S Marsa Alfred V McClure Joelle E Rentfro Gordon D Skeoch Robert M Taylor Barbara Iean Worsley

1937

40.0 percent \$1,018.20



Charles Fleming, Jr.

Geneva E Durham Charles Fleming Jr Vera L Foote Rolland H Howlett Clare E Luke Harold W Moll Marguerite M Peugh Leona G Running Rose A Stockton Velma E Wood

1938

55.9 percent \$1,105.00



Cyril F. Futcher

Marjorie L Anderson Nevena Barclay Raymond B Caldwell Joseph Dobias Lydia Ann Fore Cyril F Futcher Margit Heppenstall Iva Anna Branson Holmes Violet P Kendall Florence Vipond Kepkey Robert E Kepkey Paul Kuhlman Elsbeth Graefe Lincoln Elenora I Marsa Philip Moores Leroy E Ramsey Donald I Sherwood Grace A Van Horne Erma I Williams

1939

37.0 percent \$642.05 Ray H Brodersen Ellie L Calkins Erling E Calkins Myrtle Ann Gardner Stephen Shigeharu Ito Myrtle A James Adele B Laszlo Barbara H Phipps Donovan L Ruskjer Elbert Moye Tyson Jr

1940

52.8 percent \$1,198.00



Paul & Beatrice Hamel

Emma Jean Brodersen Mercedes D Dyer Clarence S Fields Julia Frances Fox Verna A Goodsite Helen I Guth Beatrice Hamel Paul Hamel Frederick E J Harder Warren E Hartman Adeline E Kleist Eunice Griggs Liscombe George W Liscombe Menton A Medford Mary Amelia Morrow Eunice Rozema E Martelle Tyson Arnold V Wallenkampf Joseph M Zweig

1941

38.2 percent \$3,980.50

Donald W Anderson Frances I Bartlett Allan R Buller Mildred Walberg Buller Claude L Crosby Gerhardt L Dybdahl Dyre Dyresen Edith R Ernst Hilda Habenicht Dorothy Ann Hillier Claudio Krieghoff Vesta Marie Lester Leonard J Marsa Norma G Medford George Morrice Jr Laura Maxine Mosher Esther Rachel Mote Jacob M Patt Robert W Patterson Ethel V Summerton Mildred A Summerton

1942

24.0 percent \$1,153.00

Laurence R Downing
Edward N Elmendorf II
Betty Shadel Fleming
Joann K Fox
Opal Gipson
Bonnie Jean Hannah
Gordon M Hyde
Paul Milton Krater
Mildred Robbins
Brooke F Summerour
George Vandeman
Edna Williamson

1943

25.0 percent \$1,477.50



Elsie Landon Buck

Ronald J Beardsley Nila B Breakie Elsie L Buck Natelkka E Burrell J Ivan Crawford Andrew P Haynal Lillian Hubert McGrew Muriel C Thompson

1944

21.3 percent \$1,130.00



Virgil L. Bartlett

Undergraduates Virgil L Bartlett Rachel S Belknap Edwin F Buck Jr Elizabeth A Carson Daniel E Caslow Iune Snide Hooper Ross E Hughes Ingrid C Johnson Sue Summerour Magoon Robert L Nutter Carmen S Scharffenberg Verda Buller Trickett Esther C Trummer Marijane Wallack Graduates Richard J Hammond

1945

38.2 percent \$3,587.00



Steven P. Vitrano

Undergraduates Harold P Bohr Kenneth E Day Charles E Felton M Dale Hannah R Melville Hillier Herbert A Holden Leo Wayne Hyde Ramira R Jobe Lawrence F Kagels Wilma Olive Kagels Marion Merchant Robert W Merchant Ellen Short Oblander Sibyl Partain Richards Daniel Wm Schiffbauer Sr F Audrey Sniegon

Violet E Snow Lloyd C Strickland Steven P Vitrano Graduates Norval F Pease James M Whitlock

1946

35.7 percent \$1,568.00

Undergraduates
Charles G Edwards
Malita P Herbert
Jeanne W Jordan
Marie P Knott
Erna Mae Koch
M Elizabeth Koudele
L Arnold Kraner
Idana E Noel
Betty C Prosser
Jean Lavell Purdham
Evelyn L Studebaker
Garth D Thompson, Deceased
Charlene L Vitrano
Graduates
Hampton E Walker Sr
Charles E Wittschiebe

1947

37.3 percent \$7,867.50



Fred M. Beavon

Undergraduates Fred M Beavon Robert W Cash Harold W Cole Frank S Damazo Wilma S Darby Wilmer S Davis Elvera N Eckerman F Wendell Ford Sakae Fuchita Edgar O Grundset Jack S Henderson Tetsu Hirayama Owen P Jones Mary U Kimura Sakae Kubo Walter J Low Nellie Jane MacDonald Roy E Olson Virginia D Reedy Kenneth W Saunders Lois F Teel Ursula Lois Whiting William E Wolf Robert K Wolfer Graduates Wentzel V Cowper Joseph A Crews Richard Hammill

1948

Gilbert M Krick

37.6 percent \$7,412.50



C. Willard Mauro

Undergraduates Gladys B Brown Royce M Brown Anthony Castelbuono Arthur C Elfring Kenneth L Engelbert Marilyn Wein Fiyash Robert J Fredericks Florence Mishima Funai Albert W Hamra Betsy Toshiko Hirayama Ruth E Husted W Leslie Iles Ruth M Kroulik C Willard Mauro David E McConnell Harold R Messinger M Esther Musgrave Joel Nathanael Noble Howard B Peterson Pearl D Roedell C Roy Smith Jr Olive C Smith Rothacker Smith Kenneth D Spaulding Florence F Tamanaha Julian P Ulloth Betty Collard Weakley James W Wilson

Graduates Siegfried H Horn Wayne A Scriven Theodore R Torkelson Richard V Vinglas

1949

34.9 percent \$4,542.00



Hugh C. Love

Undergraduates Hazel B Beck George N Benson John E Carr Joseph Maxon Carr Bruce V Christensen James M Comrie Mable Farley Cowling Alice Duffie Fahrbach Evelyn M Faurote Dwain L Ford Charles G Graves Jr Louise Hadley Eugene W Hildebrand Raymond Charles Hill Betty Jean Johnson George H Kent Esther G Kerr Tatsuo Kimura Bruce Lee Sr Hugh C. Love Harriett Lucille Musk Virginia M Olson Florence E Otto Earl Peters Carol T Pontynen Richard H Rasmussen Mary W Reid Hugh M Riley Walter Rosenberg Barbara Ann Ross Richard W Schwarz Reger C Smith Earl W Snow Niel J Sorensen Edward Lee Stevenson Forrest K Sykes Patricia Lynn Ursin Robert C Warner Ruth D White Verna White David K Wilburn F Donald Yost Lois L Yost

Graduates Robert W Olson Horace J Shaw Philipp G Werner

1950

34.8 percent \$10,085.08



William C. Arnold

Undergraduates Ester Acker Thomas S Andersen Martha Jeanne Anderson Paul W Anderson William C Arnold Ida Christenson Axelson Ross Baptist Lewis B Carson Vivian Joyce Chaij William E Clayburn Eugene R Cowling Jr Jack Dassenko Charles W Day II Leora K Day Robert H Day Irene L Farver William F Farver L Weldon Fivash Roberta Mae Foster Ralph T Heiner Herbert W Helm Sr Alvin J Hess Carl W Jorgensen Dick H Koobs Walter Clark Lacks Jr Harold M Leffler Victor H Lidner L'Marie A Littlefield Howard E Long Joyce Marie Marsh Elmer C Moore Lennart O Olson Allan W Perr Herbert W Polk Leland Pritchard Donald D Prosser Lawrence J Pumford Jr Arthur Richards Joyce Vixie Rigsby Marguerite Ross Lawrence Show Allen E Siegel Marjorie Kidder Snyder Eldon L Spicer Marion White Graduates W Duncan Eva H Ward Hill William T Hyde

1951

29.6 percent \$6,548.16

Chester E Westphal

Undergraduates
George Arzoo
Robert W Baldwin
Leo F Bronson
Joseph C Brown
Reo Clyde
Bonnie S Costerisan
Dorothy E Cress
Jeannine S Engle
John P Erhard
Don C Fahrbach
Shafeek A Farag
Martin M Fishell
William L Fitch
Harold M Grundset
Lester R Halvorsen

William E Hamberger Warren G Hamel Elsie Fildes Harrelson Fredrick E Harrison Richard Lloyd Hill Dennis P Litzinger Donna J Livingston Wandyr James Moore John Friedhold Neumann Donald C Schlager Vivion Earl Shull George Simmons Stuart C Snyder Gordon E Stecker Helen M Swanson Royce C Thompson John J Wagner Peggy Joan Lane Wildman Freda G Wilson Mary H Yamazaki Roderick Yip Charles C Yoshida Everett E Cumbo John E Golev Einar Haugen C Mervyn Maxwell Elwood Sherrard Joseph A Soule

1952

28.2 percent \$2,943.90

Grover C Winslow



Darwin O. Finkbeiner

Undergraduates Basil Brock Anna Yin Tai Chow J E Cleveland Arthur L Davy Lorraine M Drew Eleanor Esther Elder O Stewart Erhard Darwin O Finkbeiner Charles J Hall Mary Lou Herr Dorothy L Hust Herluf L Jensen Robert B Johnson Esther Beth Jones Thomas J Kempton III Thelma J Knutson Theodore L Massey Eugene L Owen David K Peshka Herbert W Pritchard F Mario Ruf Kenneth A Strand Elaine C Thompson Warren B Warren Naomi Browalsky Weidner Melvin West Durward Wildman Jr Robert D Williams Graduates

Graduates
Richard K Powell
Derrell K Smith
Ben D Wheeler

1953

35.3 percent \$40,278.41



Floyd L. Costerisan

Undergraduates Clifton S Allen Bernard C Andersen James L Anderson Doris Anne Collins Floyd L Costerisan Harold I Greanya Neil Hadley Virginia M Hamel, Deceased Robert L Hammond Donald L Hanson Rolene Steadman Hanson Edward W Higgins Ricard A Hoshino Sarah Alice Jordan Robert J Kinney Jr Robert F. Knutson Mylas W Martin IV Bernyl G Mohr Paul Muffo C Glenn Nichols Dora Mae Oyerly Lawrence J Rice Jr James E Schneider Neal L Sherwin Frederick R Stephan Phylis A Tacket Edith R Talmage Donald Van Duinen Evelyn Stiles Vandevere Clifford E Vixie George K Wolfer

Graduates
Ralph Thompson Carter
Leslie Hardinge
Reuben Hilde Sr
Chauncey F Laubach
William A Loveless

1954

28.7 percent \$15,230.66



Robert J. Kloosterhuis

Undergraduates Ralph S Ahnberg Dorothy E Bradford Matthew Chow Thorvald W Christiansen Roger C Cook Harold E Green Charlotte V Groff Donna J Habenicht Herald A Habenicht Warren M Hile Glenn H Hill Mary Alice Gyde Hill Walter L Hunt Fred K Hyde Johnny Durant Johnson Robert J Kloosterhuis Sr Lavern Link Ruth Reva Maehre Charles E McCulloch Marceil Straman Moore Joseph H Rasmussen Jack W Santee

Frances L Schleicher Leslie R Slaughter Russell T Straman Ardith D Tait Asa Thoresen Wayne E Vandevere Graduates Wayne N Andrews Roland R Hegstad James Milton Lee

1955

29.3 percent \$10,998.36



James Kaatz

Undergraduates Edith M Ashlock Carl I Berg Victor L Bigford Jerome L Bray Alma Ruth Bylsma Daniel A Chaij Dorothy K Christensen Joanne Cross Coon Gilbert B Dunn Luz Marie Earn James Gooch Robert H Habenicht Dorothy J Johnson James Kaatz Ruth Helen Kaiser Catherine B Lang Bernard R Marsh Ruth E Merkel Jessie Ann Oliver Robert I Robinson Virgil Tacket Spence Reid Tait Dorothy M Vanover Evelyn Wiesner Stanley E Wilson W Bruce Zimmerman Graduates

Graduates
Kenneth H Ackerman
A A Alcaraz
Hugh J Campbell
Jerry R Coyle
Norman Goodwin
Herbert E Greer
William A Hilliard
Robert M Johnston Sr
Gordon C Osgood
John D Rhodes

1956

23.0 percent \$2,776.89

UndergraduatesJoyce J Althage Thelma Marie Blake Louis P Bozzetti Jr Barbara Jean Byrd Carol G Grant James E Grove Wilbur E Hainey William H Hessel Lois C Just William Harold Kibble Marion Earl Kidder Betty Jane Kubecka James Kubecka Charles K Lacount Ruth S Lacount Wanda Lee Lowry Marilynn L Marsh Lois J Schell Nelson R Smith Beverly Soper Minerva E Straman Ralph R Trecartin

Jack A Upchurch John S Wang Graduates Clifford A Reeves Russell L Staples

1957

23.3 percent \$7,573.51

Undergraduates Rita Marie Andrus Betty Joan Benson Elizabeth H Brooks Ruth G Calkins Sandra L Camp Nila J Degner Timothy S Greaves Donald R Halenz Leonard Lee Harris Theodore R Hatcher Clifford V Hoffman Cadwell C Lloyd Patricia Ann Oetman Bruce D Oliver Jerry M Radostis Richard G Schell Eldene A Smith Miles Thomas Esther M Whitman

Graduates
David H Bauer
Hugo W Christiansen
R Dean Davis
Avery V Dick
Harold E Fagal
Arnold A Kurtz
Mary Jane Mitchell
Ira Murl Nation
Edward M Norton
Clarence A Renschler
Herold D Weiss
Ralph C Workman

1958

28.5 percent \$5,093.00



Marley H. Soper

Undergraduates Elizabeth Kay Brantley Gordon L. Byrd James E Carr Willard J Clemons Berneice W Garnsey Shirley Ann Holzer Jeannie Leah Kerbs Helen Y Kimura David E Kinney Donald Knepel David F Kuebler Marvin R Lacourt Linda S Lawler Nancy B Learned Fern V Losie Hubert E Moog Maylis Gibbs Mork Robert Alan Murray Beverly Y Pottle Donald H Rhoads Marie Kibble Robinson Harry K Show Marley H Soper Charles R Trubey Clifford E Vance Robert Earl Wall James E Whitman Reginald Yeo Kenneth C Zeck Graduates Frederick W Bieber

Carroll V Brauer

Harold O Burden
Eddie C Card
Chester H Damron
Peter D Durichek Jr
Duane E Grimstad
R J Emerson Hillock
Victor R Lebedoff
Larry M Lewis
D Malcolm Maxwell
Mauritz M Peterson
Balbino M Rabanal
Edwin James Reading
Milton T Reiber
Thomas A Stafford
G Ralph Thompson
Richard H Utt, Deceased

1959

21.7 percent \$6,725.35

Undergraduates Ardis Stern Beckner Donald R Borg James E Curry Virginia Eakley William G Foster Charles R Green Raymond E Greve Kendall E Hill Alice M Hoffman Ian W Kuzma Leonard C Marsh Fritz Olaf Martinsen John L Nerness Vernon J Oliver Jr Darrel G Opicka Delio Pascual William E Richardson Bruce A Ronk Harold R Streidl Mariorie L Abel Swarm Raymond O Swensen F Maynard Yeary

Graduates
H J Bennett
Woodrow B Bristow
Roger W Coon
Roger L Dudley
Clarence U Dunbebin
Fred Dyer
Melvin L Lukens
George Melashenko
Robert G Pierson
Marvin R Walter
Ralph J Wendt
Kenneth H Wood Ir

1960

18.5 percent \$2,061.50



A. Rae Constantine Holman

Undergraduates Kathryn M Butler Vernon C Butler Elsie Chan John Y S Chan Carole Spalding Colburn Greg J Constantine Lois E Dewitt Arthur Hallock Aurelia Rae Holman Lowell V Jordan Carol Inman Kober Eliezer Melendez Ramon Mercado Judy Sharpe Patterson Sandra K Richardson David L Russell Shirley Mae Skala Gordon D Weidemann Henry Lee Wellman

Oliver K Wilson Sr Phyllis R Wrate Graduates Esther Benton L Hugh Cowles L Herbert Fletcher Gerhard F Hasel Melvin Vernon Jacobson William M Lee James S Russell Robert E Schermerhorn Gordon S Travis John A Westerberg

1961

24.6 percent \$4.067.46



Dale E. Twomley

Undergraduates Dale L Anderson Stanley J Applegate James A Bruce Lawrence R Brunke Larry R Colburn Howard W Drew V Willene Emrick Gordon F Evans Glenn D Garbutt Patricia Skeels Gerger Jeanne Marie Halama E Clifford Herrmann C Lee Huff Donald E Knudsen Ursula J Konegen Philip A Lewis Murray Lofthouse David E Love Wilma Doering McClarty William J McGee John I Mendel Frederick D Meseraull Charles Moniz Sr Kenneth C Morrison Iames R Nash Horace C Peterson D Carol Power James Segar Keith Malcolm Sevener Ward A Soper Philip Steinweg Dale E Twomley Marvin S Ward Robert A Wilkins Jr Steven A Willsey Herbert O Wrate Graduates

Graduates
Arthur Eugene Anderson
Roger Bierwagen
John D Christenson
Johnson S Christian
Philip S Follett
Charles R Holford
Larry John K Milliken
William L Murrill
David M Parks
Norman Versteeg
Robert G Wearner
William J Wilson

1962

26.0 percent \$4,714.86

Undergraduates
Owen C Bell
Elizabeth Susannah Boyd
Erland E Butterfield
Patricia L Clanton
Wendell J Cole
Charles A Cutting Jr
Jane Ellen Cutting
Arlene L Dennison

David J Dobias Walter B T Douglas Maxine Bell Gilliland Barbara Jean Jacobson Sandra E Jaster E Virginia Jewell Kathleen Jones Paul Kantor Marilyn E Karlow Edith S Keeney Betty S Kettering Robert C Kurzynske David Dieter Loge Lavonne C Lounsberry J Kendall Marsh Ardyce V Moravetz Daniel M Patchin Richard D Price Lavern A Rice Charles H Schlunt Janet R Schlunt Carol Ann Sumner Donald Herbert Thomas Edward Allen Trubey Neal John Vanderwaal Myron Floyd Wehtie Graduates Bruce O Babienco H Douglas Bennett Alma L Campbell M Jerry Davis Albert W Green Sr C Robert Hart Shahin Ilter William E Jamerson Jr Sarita G Lochstamphfor Charles W Mitchell Edward A Streeter Izella Pearl Stuivenga Herbert R Thurber, Deceased Frederick Veltman David F Walther Burton Prince Wendell Evaline E West Leonard Westphal

1963

25.3 percent \$5,603.24





Arnold & Connie Hudson

Undergraduates David W Allen Donald D Barko Adrienne Battistone G Alice Bronson Maurice E Crandall Herbert L Domke Marvin A Feldbush Roger R Greenley Janis M Gregston Verna-Ruth Nelli Herman Dennis E Hoard Arnold R Hudson Constance M Hudson Karl Konrad Cecil L Lemon Arthur E Loignon Jr Bernice M Lunz Gerald W Marsa Patricia Mauro Lawrence L McNitt Emil D Moldrik Ruth C Moldrik Floyd M Murdoch C Edward Nicholl Carol M Nieman Charles David Poole Raymond D Roberts Ruth I Satelmajer Arlene Scott Alice D Wagner Douglas C Wartzok Renate Eiselt Wehtje

Graduates
Howard F Bankes Jr
Joseph J Battistone
Carl Coffman Jr
John G Corban
Lawrence T Geraty
A Josef Greig
Clarence B Gruesbeck
Richard E Harris
Helgi Heidar
Herman J Johnson Jr
Charles D Martin
Leon I Mashchak
James D Peel Jr
Louise Walther
Leland H Zollinger

1964

20.9 percent \$7,960.20



H. Roger Bothwell
Undergraduates

Rosalie A Allison

H Roger Bothwell

Charlotte N Anderson

Caroline A Cook Hudie Davis Jeannine H Fuller Stuart C Harrison Mary E Kessler James D Kettering Anna M Liske David Lounsberry Marcene Speed Marsa Thomas J Massengill Myrna I McClain James D McClelland John R Pangman Beverly Joyce Phillips Alice I Cedzo Priser V Kathleen Reeves Conrad A Reichert Roland M Smith Owen Eugene Spencer Charlene Avis Starlin T David Taylor Naomi S Trubey Ellen Cook Welch Ramona Ellen Wisthoff Dixie L Wong Lim Ging Wong Graduates John T Baldwin Jerry D Beem Ansel Leroy Bristol J Branson Chrispens Richard W Coffen Clinton Robert Dotson Jr Ruth E Fagal Richard D Fearing Fenton E Froom Helen M Gibbs Victor S Griffiths Daniel R Guild William R Harbour Gordon T Hewlett W Richard Lesher Wilfred W Liske Jack Lee McClarty John C Michalenko Lawrence F Moore Edwin Zackrison

1965

16.3 percent \$5,356.70



John F. Duge III

Undergraduates Joan D Banks C William Barney David G Bender Wilton E L Clarke Elaine M Corson Helen M Crouse Daniel R Erhard Sylvia M Fagal Gillian Keough Geraty Farrell L Gilliland II William C Glennie Shona M Gordon Evelyn Lorraine Hansen Claudette L Hartman Violet E Hill John Franklin Hinkle George Milton Huffaker N Bradley Litchfield Helen L Lund Michael J McInerney Patricia B Mutch Nancy E Simpson Carole B Smith Betty Horne Westmaas Robert L Wiese Ann Jolene Zackrison Graduates Harry J Bennett Jr Edna J Cubley Edith C Davis John F Duge III Edwin Eisele Robert W Fillman V Bailey Gillespie Jr Coleridge D Henri Melvin G Hickman Rudolph C Knauft James D Mckee

Daniel E Tan 1966

David H Rhys

21.7 percent \$3,344.94



G. William Mutch

Lloyd A Ahlers Lana Beth Asmund George H Blumenschein Barbara Lou Bort Genevieve C Bothe Gideon H Chen Leo H Christensen Glenn E Coe Margaret Jane Coolen Betty Lu Crowell David B Ekkens John Franklin Glass Donald J Grosse Dale V Heller Carol Marie Ingemanson Paul E Johnson Gertrude E Jordan Kathryn L Macklin Joyce Anne Beaver Marsh Leo Mathewson Mary Ann McNeilus Elaine Trumbo Meseraull Patricia J Morrison Ingrid D Mueller G William Mutch

Barbara J Randall Linet M Riley Diane Powers Scherer Margaret A Schlager Dorothy J Show Carl L Sigler James Simpson Richard C Sowler H John Steffen L Marlene Steinweg Joseph Paul Stoia Janet E Tooley Robert K Walker Jeffrey K Wilson S Andrew Yakush Jr

S Andrew Yakush Jr Graduates Daniel A Augsburger George P Babcock Stanley P Baldwin Viia Bremanis William R Bromme Walter E Brown Robert L. Crounse Ion L Dybdahl F Estella Greig Jonathan L Hamrick Jr Antoine G Jabbour Bob L Jobe John Kearnes John Andrew Kroncke Norman L Martin James David Pierson Alden L Thompson Merle I Whitney Ralph Eugene Williams

1967

23.9 percent \$7,055.29

Glenda Santee Willis



Eldyn L. Karr

Undergraduates Carl E Anderson Luanne J Bauer Allen N Beardsley Duane I Beardsley Marvin H Bort Thomas L Codington Ruby Current Cole Ray Cornforth Helen C Craig Annabell N Curtis Marilyn L Delinger Gary R Erhard Ruth M Frobel Albin H Grohar Gordon P Guild Richard G Habenicht Marjorie Harder Lottie M Harris Dean M Jewett Warren H Johns Eldyn L Karr Alice C Lankford Pauline O Larose Gary Wayne Linden Susan Linden Robert L Macklin Henry F Mattson M Louise Maxwell Norman R Perry Marcel E Pichot Glenn Galard Poole Slimen J Saliba Kimber L Schneider Valerie A Schober Alberta J Shane Richard D Show Thomas F Smith Brenda Lou Sommer M Henry Spencer Shirley Thomas

Samuel Ray Tooley

David C Turner Elizabeth Unger Robert C Willison Oliver Kay Wilson Jr. Norman A Yeager Maxine Johnson Young John W D Agard Imogene Allen Akers Joanne K Andersson Ramona Downs Bond Alice E Brantley Arthur O Coetzee William L Coolidge Elly H Economou Myrtle May Fitzgerald G Larry Gatewood Judith Walcke Gillespie Gideon A Haas Arni Holm Jamile Jacobs Donald R Martin Naim Mashni Kenneth L Millard Edward Motschiedler Jr Alfred R C Munar Ted W Parks Stephen Iv Powers Kenneth R Riley E Arthur Robertson D Kenneth Smith Sylvia T Stanford

1968

16.6 percent \$6,617.50

Kenneth E Thomas



Nikolaus Satelmajer

Undergraduates Sallie J Alger Joan Rupright Bauer Marianne B Butler Janice E Cobb Glenna H Dagher Donald L Dyresen Nancy A Eggers Karen C Flowers Elias G Gomez Linda Kay Grow Dorothy M Gustin Cherry Britt Habenicht Loretta Beth Johns Fred C Kasischke Bruce A Kesselring Carole Dee L Kilcher Richard P Lamon Arthur E Leavitt Barbara Jean Lee Frieda J Mattson Duane C Mc Bride Dewey A Murdick Peter Nachreiner Virginia B Nachreiner Robert G Natiuk Rhoda M Nelson Rose Ellen Paden Stephen O Paden Barbara Swope Priest Garv R Pulfer Nikolaus Satelmajer William Edward White Joyce Swett Yeager Vera Jean Yukl Graduates Jean E Bartz Gordon Bietz Larry F Brundage Larry L Caviness E Stanton Clark James W Coleman Laural Samuela Ewalt Martha B Johnsen Jeanne M Larson

Ralph S Larson
Ned Peter Maletin
John E Marter
T Gregory Matthews III
Dwight J Mayberry
Eva P Munar
Martha Ann Natiuk
Carl R Neill
Zoanne Hazen Perez
Clifford Oscar Pope Jr
Juanita Hansen Ritland
Margaret E Smith
Damaso R Villalba
H Hampton White

1969

16.8 percent \$4,943.01

Undergraduates Thomas A Allen Bruce A Anderson Antoinette Armando G Robert C Bainbridge Donald G Balli Linda Lee Banks Hugh J Caggiano Bonnie Dee Carley Iacqueline Castelbuono Marjorie D Cole Carol Anne Crider Phyllis I Essex Jan L Follett Kenneth J Foss Ketti B Goudey L Norman Graham George L Grow Duane M Gustrowsky Jeannette R Hodge Jerry L Johns Oliver L Johnston Jr Marcia L Kesselring Donald Earl Klasing Hans Joachim Krenz Jane F Lewallen Carol Louise N Mahlum Billie Claridge Martin James R Massena Ida Roosenberg Patricia Ann Saliba Cheryl Foll Simpson Dale F Sinnett Karen Lickey Struntz Janet K Tkachuck Kenneth R Tkachuck Peter I Trepper Jane S Wagner Robert Willauer Deanna Carol Willett Alice C Williams Rhoda J Wills Elvina G Wolcott Graduates Melvin W Boynton

Rachel M Carley Samir P Dagher P Gerard Damsteegt Paul M Eagan Richard R Hallock Claude C Hines Benjamin R Holt Douglas R Kilcher Thomas R Knoll Frieda H Lee Graham H Lello Michael F Ortel Everett E Oxberger Louis Phillips Siegfried Roeske Laurent Servius-Pierre I Bjornar Storfjell Julio C Tabuenca Frank A Tochterman Manuel Vasquez Leonard G Willett Mavis Ohn Wong

1970

16.3 percent \$3,288.86

Undergraduates Karen Neumann Allred

Alan D Anderson Ianet Case Bermingham Brent A Bills Yvonne M Calkins Dianna Lynn Connors Charles C Crider Jr Jo Ann Davidson Karl L Dickerson Cherie Lynn Forsythe Karen L Aasheim Fortune Shirley Jean Garner Judith A Goodenough L Denise Grentz Siegfried Grentz Richard G Hannon Sheridan Lee R Hannon Douglas E Harris Gerald Haskell Sandra Lee Ingels Avie Smelley Joseph Robert Bruce Kessler Samuel John Kroll Robert W Matthews Sandra Morgan Judith Rae Nelson Sharon A Plummer Arthur A Rasmussen Lydie J Regazzi Mark B Regazzi Joseph M Richie Cheeri L Roberts Ingrid Reimann Rogers Robert Harvey Rogers John M Roosenberg Carole Arlene M Sannes Benjamin D Schoun Jr Allen R Strefling Wolfgang D J Struntz Seppo Otto Vartija Richard P Verhelle Ellwood G Voorhees Deane L Wolcott Ernest Yap Lenora A Zinke Graduates John M Cardoso Dewayne A Coxon Albert G Dittes William A Fagal Margaret Wright Kroncke Reuben E Leslie Luane S Logan John R Martin Michael E Miller Marianne Patton Elbio Perevra John M Stephenson Clifford Toew Allie Terrell Valentine William R Wohlers

1971

16.4 percent \$14,398.74

UndergraduatesLinda K Alger Jeanette T Benfield Susan Border Wallace K Brandmeyer Glenda Slate Brenner Michael Brenner David D Buckman Paul R Caggiano Roy R Carley Clair E Erickson Lanny H Fisk Lee Alan Forsythe Paulalan E Genstler Lynn S Gray Hannu Halminen Louise S Holle Helen R Hyde Ovstein S LaBianca Manoucher Manoucheri Marvin Lee Martsching Margarita Mattingly Doris M Morris Harold A Oetman Linda Kay Peabody Marsha Rasmussen Carmelita Richardson Alfred Schone Carol Freuchtel Schoun

Richard F Schultz Ty Schwitzgoebel Dorothy Gray Scott Katherine Baker Smith Pia A Soule Douglas L Stagg Verlyne Bartlett Starr Arthur O Strum III Kathleen Walter Steven E Warren Dale Wilms Mary Zezas Graduates Dayton C K Chong Richard M Davidson Don W Dronen Anna M Dunbehin James G Fulfer Laren R G Kurtz Linda McArthur MacCarty William A MacCarty Thomas N Millhoff Steffen A Moller Beatrice S Neall Ralph E Neall David D Osborne Judy Edwards Osborne Michael I Osborne James D Pimentel Burton Richards Ronald G Stretter Abraham Terian Thomas P Thompson

1972

15.9 percent \$5,804.27

Undergraduates John C Banks Jr Connie J Beehler Myron D Beltz Carol L. Boyd Marvin E Budd Stephen Burlingame J Fred Calkins Jr Cleveland C Cleary Emily H Egan Linda S Freehling Deborah Louise Gray Laura S Gray Thelda Vanlange Greaves Karl F Hafner Leslie A Hardware Dennis W Heintz Christine H Herr Ronald D Herr Calvin R Hill Bruce A Ingels Herschel W Keefer Sandra Kennedy Donna J Mangum Allen L Middaugh Perry D Nelson Wallace L Nelson Marla Jo Norton Ben Nutt Aubrey C Osmond Peter O Peabody E Eugene Platt Mariellen R Reiber Dawn M Rickards Gary E Russell Gordon R Smith Susan E Smith Diane L Taber Astrid Thomassian James A White Oliver C White Nancy J Anderson Wilms Muriel L Wilson David Wohlers Larry B Wolcott Graduates John A Appel Ronald Lee Bishop George R Daniel Thomas L Dybdahl David A Faehner John B Fortune Joseph G Galusha Ir

William E George Carol T Hollahan

C Raymond Holmes

Neil D Jamison Lloyd H Logan Linda J Lundberg Donna Jeanne Meyer O Evelyn Moon Kit Ying Ng Joseph P Priest Gary E Randolph C Murray Robinson Bonnie L Rowland Ethel V Watts Carolyn O Wieder Dale A Wolcott

1973

13.3 percent \$9,571.00

Undergraduates Kevin F Benfield Harvey R Brenneise Dorothy Cavines Buckman Daniel C Bundy Martin R Butler Gary N Crowley Alvin L Davis David L. Elmendorf Sandra I Erickson Christian Wm Evans Helene J Evans Preston W Fletcher Salvatore E Golisano Dennis R Hare Judith W Hawkins Peter J Haynal Randall R Hicks Douglas E Holford James N Kellogg Benjamin G McArthur Joseph M Mucha Jr Douglas R Newberry Marcia Kinney Palus Daniel J Radostis Carol Eileen Rasmussen Kenneth E Rasmussen Sandra K Reiber David A Rowe Richard A Scheidt Ir Lis Jorgensen Soule Harold R Thompson Edwin J Vitrano A George Walker Gerald L Waln Mark J Wilburn Pamela M Wilburn John J Wojcik Jr Graduates John L Bechtel Richard M Cadavero Eleazar Carmona R Ernest Castillo Helen A Cupples E Wayne Easley Larry R Evans Angela F Hardt Stanley G Hardt Robert G Hunter Sr Eugene Lincoln Ivan Neal Mallernee Ivan T Nelson Eliseo N Orozco Ali A Pakfetrat Ardis C Peterson Nabil Y Razzouk Naji Y Razzouk Gordon W Rhodes Donald W Rodman Carol A Sanders

1974

15.5 percent \$3,666.98

Undergraduates
Teresa C Allen
Ben A Bange
Elaine Baum
Steven W Becker
Deborah K Burlingame
Rebekah Wang Cheng
Beverly Jane Cobb
Frank D Conklin
Daniel I Cristancho

Linda Erickson Dubose Carol Lynn Dyke Kelly G Eick H Irene Groha Tari Hafner Marcia Haluska Kathryn Heilig Linda Bonnier Kellogg Kenneth W Ketola Signa Ann Lounsberry Jerry Dale McClanahan Ronald A Neumann Carol F Owais Iaak Pahn Lucy Payne Ulrich Piekarek Marlene G Romeo Helen Seitz Sandra Shepherd Kimber Z Smith Lynn D Stolz Pamela Payne Stolz Jane Anne Thompson Lois Rae Thompson David C Trott Peggy Sue H Walker Carol M Wallace

Graduates John Dudley Aitken Douglas Anthes Freda Bechtelheimer Patricia June Benton Robert C Brauer Douglas R Clark Lavaun Corn David H Fish Stephen R Guptill Marwood L Hallett Jan Haluska Arnt E Krogstad Hilary J Robinson Grace Laura Smith Janet Faye Stoehr Brian Eugene Strayer Sharlyn Wenberg Dennis Michael Wolf Linda Marie Wysong

1975

14.4 percent \$4,696.77

Undergraduates Robert L Barker Jr Donna J Becker Byron Blagburn Gwendolyn Brownfield Wendy L Sterner Bryson Sylvia Marie Budd Jon Malcolm Butler Linda M Chong Sandra Bartlett Colburn Dale E Creech Jr Fredrich H Dengel Polly C Dengel Janet E Hainey Iames R Halve Kerry L Johnson Esther R Jones Francis Jordan Dwight Magers Sherry E Magers Buz Menhardt Michael S Miller Steven Otto Phyllis Pierson Maureen J Plumb Clarence T Province Nicholas E Reiber O Antonio Reyes Dwight Scarborough W Lloyd Schomburg Pauline E Shaw-Mead Susan Marie Sherburn Hugh E Sipowicz Robert Thomas Smith Lawrence E Thompson Daniel Tworog Lorne R Weis Daniel Widner Ellen I Wilkes Graduates

Adalberto Alarcon

Kenneth W Bauer Marilyn J Bauer Hartmut Behnke Maria Brooks James D Chilson Robert R Davidson Roland Earnst James Erwin Salim Iapas R Kent Knight Rudolf Maier Cillon McKenley Judith M Meuleman Joan Stafford James D Thompson Robert R Werntz Melody Smith Wheeler Timothy P Wieder Dennis Wysong

1976

10.8 percent \$2,737.84



David W. Johnson

Undergraduates Dwight Alger Kathryn Ann Andrus Faye M Baerg Rhonna Root Casteel Bruce A Dillon Richard Dubose Marc M Dyke Donna J Eick Ria Renee Fisher Sally Ann Gabriel Laurence E Habenicht Iva Grace Hainey Loren B Hamel Gail Handysides Sheila Wager Havnal Ronald H Holt David W Johnson Robert Fenton Johnston Meredith J Jones Judy Myers Laue Heather E Lee Steven H Lee Bonny L Musgrave Judith A Nay Darlene R Repp Monte G Salyer Lief J Sorensen Dennis Waite Ronald Wendth Carletta Witzel Patricia A Young David B Zima Graduates Michael Brownfield Wilfried Busse Gaspar F Colon Israel Gonzalez-Valdes David J Maysick Gene C Milton M Louise Moon Carolyn Nickel Beverly Olson Ionathan Paulien Graham Staples Yoshikazu Watanabe Elizabeth Ann Wilson Hok Neo (Lily) Wong Yew-Chong Wong

1977

15.0 percent \$7,516.75

Undergraduates Brian M Bakewell Juanita M Bissell Carla Boothby Lydia Irene Chong Kenneth L Colburn Toni Trimble Dassenko C Steve Davis Mary E Dechent Teri L Delacruz Sandra J Fallon Nancy A Gerard John G Gimbel Janet Lee Hamel Demetrio R Hechanova Becky Sue Holt David A Hooker Sonia K Hopkins Barbara K Johns Ivan Juhl Cindy S Kaufmann Janice M Knecht Dennis W Korpman Cynthia MacKay Rebecca L. May Jan Michaelis Martha R Miller David J Moll Wayne Mosher Teresa Patterson Ashley C Robertson Rhonda G Root Beverly A Scheider Eric W Shadle Brenda A Smith Chana I Smith Jeanette M Smith Janice A Stone Helena Stout Sharon Ann Symonds Dennis S Tier Perry L Tkachuk Marjorie W Ulloth Roy E Vartabedian Patricia Ruth Warner James H Weaver Jr Cindy Monet Williams Susan M Wohlers Graduates Theodore L Allen David L Anderson Thomas A Camm Barry L Casey Bonnie L Casey Robert A Clark John M Dry Michael E Dunn Leonard K Gashugi Don-Nee E German Roger M Handysides Philip B Lambert

1978

Wen-Huey G Houng Ong Willie S Parker

Loretta Simmon Satchell

Dennis W Radford

Anees J Razzouk David L Ritter

Earl L Robertson

Stephen L Schwarz

Mary R Sparks

Jesse P Walker Jr

William D Warcholik Verlie Y Ward

Shirley A Welch H Haskell Williams

12.6 percent \$2,640.00

Undergraduates
Elizabeth E Barlow
Gyl Moon Bateman
Larry D Blackmer
Janice L Brummett
Gary Burlingame

Rodrick A Church Steven J Clements Curtis A Dolinsky Mabuta A Eager Michael H Eastman Lajean P Ford David A Freehling Jacqueline Kaye Ham Joan L Hamberger Le Anna Herbel Douglas E Higgins Bradley D Hill Richard Lloyd Hill II Susan J Knutson Thomas R Knutson Chari L Kidder Krafft John J Kunza III Samuel E Leer James H Mann Retta Michaelis H William Moody Jr Connie S Moore Steven R Olson Katherine G Overfield Mark J Plummer Susan Kay Ringwelski J Larry Roberts Iane Evelyn Simmons F Brian Stephan Glenn R Szana Lucille A Taylor Renee P Thompson Earl D Tomlin Kathy Wagner Michael G Weakley Karen G Williams Sharon H Wunsch

Graduates Bruce A Closser Valerie Combie Arnold Corbier Joaquim G Dias Ronald Alwyn du Preez Paul G Elliott Roger G Johnson Robert E Jones Lerov R Kuhn John H Mathews Michael L Mc Kenzie John T McLarty Abel Pangan Ofelia A Pangan Ray D Phillips Donald G Roper Terrance L Roth S Clark Rowland Cecil E Webb Daniel Zabaleta

1979

10.8 percent \$2,028.76



David Rasmussen

Undergraduates Marguerite Austin Gregory A Berlin Daniel R Bidwell Timothy G Bishop Bryce A Bray Janna V Chacko Licette Church Daniel P Cress Debra L Cunningham Lolita N Davidson Keith A Edgar Jeffery A Erhard William K Faber Gary A Glenesk Connie R Burg Green Cindy L Halve

Wayne B Harris Susan Hechanova Daniel Heinz John J Hilderbrandt Gregory A Iverson Janice A James Russell H Jenson Charles F Koerting Peter Krafft Calvin J Kubo Diane M Maloney Walter P Marquez Brad J Mc Clellan William R Mulske Jr Lauren Kay Oliver Susan M Patchin Mark B Ringwelski Robin Keith Rogers Judy Beth K Schoun E Stephen Streeter Sandra K Wampler Thomas O Welsman Jr Graduates

Edward Allen

Kenneth Bryant

Emma Beck

Victor J Chant Michael G Doucoumes Richard D Hall Ion M Harris Intissar T Issa David Jarnes Bruce T Juhl I Lester Keizer Kenneth A Knutsen Luis E Leonor Ihan D Mutchler Abel A Rosario Marcius Siqueira Daniel G Smith Margaret M Solomon Poovelingam R Solomon James W Wampler Mitiku Yalew

1980

10.3 percent \$3,441.24

Undergraduates Norman E Boundy Marsha A Brandon C Dawn Campanello Dana Cookson Iulie A Dewitt Lyndel D Dickerson Pamela S Dutcher Cheryl A Emoto James B Ford Douglas I Hart David G Henderson David G Holm Gregory P Iwaniuk Hetty G Khan John W Knowles Marsha F Koppel Debra L Lemon William G Maloney Elizabeth A Martin Febra Jo J McClellan Alexander Miskiewicz Hazel A Nurse-Bey Rebecca R Patten Arlene Penick Raymond R Pichette Vicki L Price Esther F Rosado Arden R Rouse Pamela Trubey Rouse Terry L Rusk Nancy L Schilling Daniel L Schoun M Janet Sogard Ron Edward Swensen Charles L Toop Diane L Trickett Graduates W Scott Ball Catherine J Bath Peter D Bath Timothy E Crosby Sandra J Doran

Trevor Forbes

Keith D Gilbertson

Karen M Mc Williams
Krupavaram J Meesarapu
Mark Mirek
Kevin Meng-Jip Ong
William E Penick
Dennis L Ras
Carole A Rayburn
Jose E Rodrigues
James F Sawtell Jr
Laverne A Schlehuber
Edwin E Shafer
Rilla D Taylor
David W Tillay
Lally Jenny Ulery
Larry S Ulery

1981

8.6 percent \$3,992.54

Undergraduates

James C Anderson

Pamela Sue Burton

Iames T Butchma

Keith G Calkins Rene Church Jeanne K Clayton Sharon Kay Dolinsky Margaret G Dudley Gary T Heaney Nancy Lynn Helm Kathy Jean Hutchins Robert L Ivey Robert T Johnston Randall S Jones Brian D Juriansz Browlia M Kelly Marcia A Kilsby Phila Mae Krause Rebecca J Lofthouse Janice P Maitland Renee A Middleton Yvonne D Pichette Theresa C Popp Z Bernice Reynolds Jamica S Rouse Allan Lewis Smith Mary Ann Richards Smith Michael J Snelling Elaine K Valles Nephtaly Valles Bobbie S Wohlers Bernice E Zaft Graduates John E Allen Thomas L Baker David A Borton Margaret A Crishal Gregg A Davis Ray E Herbel Benjamin E Hill Harvey P Kilsby Larry D Marsh Raymond L Paden Paul J Ray Jr Sharon B Russell

1982

Alan Wong

Javier Soto-Valle

Hymers A Wilson

Carolyn M Stuyvesant

7.6 percent \$3,675.46

Sheryl Ann Aka Thomas M Andersen Mirian L Bildner Keith S Blair Thomas Blincoe Ir Todd K Blosser Heidi G Butchma Sari Onjukka Butler Carrington L Carter Yvonne S Darby Louis A Di Gregorio Jeffrey T Eagan Bryan Garrett Daniel C Hansen Alma I Hanson Enid C Harris Jennifer J Hoffpauir

Ruth E Jacobs Diana Kyles Stephen J Lanto Steven J Lemon Mary L Miller Roy L Nicholas Leslie E Prince Royce K Regester Theodore W Shea Lenita Ann Skoretz Erika Skula Scott A Soper Lawrence J Sprecher Ronald Stout Mary L. Toop Eva S Visani Roger S Vitrano Malinda S Walker Desiree Wheeler-Hissong Yasue Fukusaki Willard Devin D Zimmerman

Graduates
Lyle M Arakaki
Phuisuk Isaac Choi
Gregory F Clark
Marlin D Dolinsky
Eileen G Fuller
David P Gemmell
Sharon M Hill
Debbie M Hittle
Cheryl J Jetter
Edmund J O'Keefe
Ruth A Simpson
Steve R Walikonis

1983

11.1 percent \$1,763.44

Undergraduates Renon Allen Gale S Baptist Angela C Bowman William J Briggs Sheryl A Calhoun Sharon M Carroll Della Mae Carson Gladys Chavez Dora Dean Clarke Andrew Coetzee Anita Louise Collatz Charles A Collatz George Harry Collins Mark L Darrough Randall Fishell Ian Lucinda R Greenidge Brian Hamilton Jill C Howell Randall G Jacobsen Dana S Johnston Heather S Jones Judith A Josiah Richard D Kajiura David H Kijak Erwin Kay Kroulik Jeff J Londis Joseph K Mutale Steven Roy Nash Arne Preben Nielsen Comfort Nmecha Anne M Parris Timothy Ray Patten Rawle F Philbert Eric T Pierce John A Pinner III Margo Rae Pitrone Amy E Ramkisson Richard D Riley Sylvia S Rosburg Roy G Rylander II Anette K Schilling Cheryl Lynn Singleton Sandra Bea Spencer Melodie Gay Sprecher Jacqueline G Streeter Meylan C Thoresen Teresa D Thoresen Ralph L Townsend II Kent H Van Arsdell Iemima Van Bemmelen Susan D Voegele Larry J Walker Steven Lynn White Steve Yancey

Graduates Andrew Sam-Joo Ahn Fern M Babcock Susan L. Bossenberry Ewart F Brown Fernando Luis Canale Ritchie Clare Carbajal Gary Lee Fogelquist David D Freedman Violet O Gill Edwin A Harlan Randal L Johnson Wafia Kinne Carol D Mullins Ora L. Newton Dennis Marvin Nickel Marilyn J Petersen Carlyle Raymond Anita L Turner Joan G Yeary

1984

11.5 percent \$3,934.32

Undergraduates Lynell A Babienco Jackylynn K Bikichky Bonnie S Bowler Mikal K Campanello John J Campbell Mildred M Carnes Laurence D Chaij Robert W Chesnut Charlotte M Coy Kenneth W Down Rebecca A Easton Daniel L Engle C Ruthellen Gardner David Goosey Jeffery G Gregory Carlos Guerra Ir Daniel L Hamstra Kenneth D Haugen Ada G Henderson William B Hold Gardean E James Robyn M Kajiura Karen E Kelly Cheryl L Kittrell Julianne Liske Nancy I McLean Robert Moon III Angeline Musvosvi Sharyn R Nash-Smoot Marlene E Rawls Peter C Robinson Dwight Luther Schwarz Launnies Schwarz Rachael L Selent Linda R Smith Andrew C Smoot Darlene M Springer I Todd Weakley Linda S Weakley Carletta Woods Daron D Zimmerman Karin D Zinner Graduates Susan Allen Robert H Banks

Karen J Crooker Donald A Eckenroth Jr A Wayne Ferch Chui Liu Serena Gui Margaret M Hopkins Laura J Hutchins Martha J Ives Jungsun Jun Jeffrey D Kinne Barbara L Kreaseck Robert K McIver Donald J McKay Lilia E Moncrieff Scott E Moncrieff Terrance A Newmyer Sandra S Ondrizek Alfredo Ordonez Rosalind A Proos Kaul Rasmusson Naveed Saleem Randall W Skoretz Carol A Van Antwerp Norman L Yergen

Bruce Robert Youlden

1985

10.8 percent \$2,485.98

Undergraduates Lorena L Bidwell Priscila A Borton Kevin W Brown Melna Day Buell Robert D Burnette Cheryl A Card Denise M Concha Garren Dent Sandra R Dunhill Carolyn J Edwards Ramona I Edwards Nabil B Ghazal Jane D Graves Lynn E Huff Gary G Johnson Richard W Kelly Shelli M Kozachenko Cheri L Leffler Douglas S Leffler Victoria K Lewis Gisela K Mariani Lana S McLouth Karen S Pierson Douglas Popp Kevin D Ramkissoon Glen D Rick Linda L Robb Shereen R Smith Donald Starlin Thomas Straman Timothy Straman Renada A Tyson Donald H Visani Tammy K Wellington Graduates Gibson N Archibald Stephen W Case Larry W Clonch John L Delinger Donnah J Dieterle Allan W Hay Karen S Holford Reidar Larsen Bertha Lewis Michael A Mnich Martha A Morton Virgeana F Olberg

1986

12.8 percent \$933.37

Raffy Ouzounian

Debra J Robertson

Alan R Ruggles

Steven R Sessler

Albert W Shafer

Carol J Warner Gary D Williams

Paul A Scavella

Julia Peyser

Debra Lynn Anderson Jonathan S Anderson Cynthia D Babienco Barbara J Battle Michael C Battle Jacqueline Boyer Beverly Boyson Bonnie B Briggs Mirna B Cabrera Arlene R Campbell Bernice M Chapman Susan L Coombs Larry Wayne Coyle Aaron M Demarest Debra I Earn Vicki Jo Eighme Nancy A Engle Brendon L Gelford R Michael Gifford Kevin G Haesche M Eric Haley Elizabeth D Hanson Thresia M Haugen

Thomas A Huff Tae-Wong Im Anita E Jensen Thomas I Kanomata William P Kantor Stacey P Kuhlman Stuart Kuhlman G Chris Larson Sheila M Lavallee Debra Lynn Maltais Patrick Mauze Sylvia L Middaugh Trudi J Myaing John-Paul F Navarro Lori Sandra Orpana Candace Sue Pohle Vicki L Province Barbara Jean Ray Karol Richards Daniel B Schramm Rebecca A Shea Bernard A Sittlinger Tamara L Sittlinger Ralph D Snider Mardi A Tingzon Joan N Van Arsdell Philip T Zachariah Graduates Owen J Bandy Walter Boger Akira Chiba Dori K Coetzee Sharon J Dudgeon Pamela E Grav Bernard R Holford Delcy L Kuhlman Margaret Malone Gary A Marsh Terrell R Mc Coy Victor O Morales Paul G Poyser P Phillip Rosburg IV Tom Shepherd John A Sweigart Carmelita I Trov Teresa Walter Steven W Wohlberg

1987

4.8 percent \$1,824.37

Undergraduates Philip S Boyer Wanda J Bryant Cynthia J Bullock Heather A Down Lynda R du Preez Douglas J Frood Duane A Glassford Claudia Hamilton Kenworth F Holness Ronald P Kelly Jr Martin A Kendall Lori A Klingspon Cathie J McDaniel David A Nelson Karen S Oviatt Lorna A Thomas Steven C Timm Kirk C J Yoon A Rene Zambrano Graduates J Mark Fenton Bernard D Helms Donald L May Allan R Payne

1988

Ralph R Trecartin Jr

4.2 percent \$522.25

Undergraduates
Donald W Anderson
Sherwin A Barnes
Cheryl L Bensonhaver
Emerson D De Paiva
Edgar Escobar Jr
Alden J Ho
Hideaki Kinoshita
Peter T Lendway

Iris R Oskin Samuel Pereira Marta Solomon David C Thomas David A Vlosak *Graduates* John R Josiah Robert E Lemon Louie R Torrez

NON-DEGREE ALUMNI

Mona Abel Deborah G Aeschlimann Harold Ahlers Jerry S Albritton Virginia Allen James K Allred Cenena B Andersen Gina Anderson Judy E Anderson Maxine L Anderson Suzanne T Anderson Ronald Ramon Andrus Regina Antonio Linda K Arbogast Harold E Armstrong Dorothy Arnold J Bruce Ashton George Shigeru Aso Mark A Avery D Joyce Baker Timothy Balon Clara Bando Donna B Banek Miguel Antonio Barnes Patience Barnes **Iill A Barnett** A W Bauer Ann G Bauer Diana M Bauer John Bauer Ralph Benedict Bayard A Benfield Gladys R Benfield Victoria Berecz Douglas L Bing Wilma L Bing Bobbie K Bishop Brenda S Bishop Bruce A Bivens Patricia B Black Marilyn K Blair Warren G Blaisdell Donald A Blystone Gregory Borrowdale Michael C Bosco Maxine Brantley Saevar Brimdal Suzanne Brozny D Lynn Bryson Karen Carlson Buck Quinton M Burks Christopher J Burrows Ronald W Busby Carla A Butcher Glenn Bylsma Harold W Bylsma Carl E Calfee James N Campbell Arthur C Carlson Elizabeth Carr B H Carson Kenneth Carter Rose M Carter Charles C Case Kathryn S Cash Heather Cassidy Fernando Chaij Lester A Christoffel Davona G Church Donald J Clark Margaret Clarke Robert S Clyde Daniel E Cobb Ethel M Cole R Scott Collard Darlene Cook Richard L. Cook L Diane Coulter

Larry H Couture Lexie Kay Coxon Rose Fay Crandall Charles L Crawford Helene V Crawford Raymond D Crider Carol J Curry Tamara L Curtis Delisa J Damron Kenneth Eugene Daniel Ralph A Darrough Dorothy J Davidson Mark R Davidson Pauline A Davis Lawrence D Day Gary B De Boer Sharie K Dengler James B Devries Mark-Erik DiBiase Tonya A DiBiase Kenneth D Dice Gordon H Dockerty Marjorie M Driscol Rose Ann Drummond Kelvin M Duncan Shelley M Dunn Donald Dyer Judith Earnst Robert A Earp Donna Eastman A Mark Edquid Jr Bill S Edsell Betty A Einset Renita K Ekkens Violet T Elias John Wm Elick Gregory P Engelman Melvin S England Nancy M England Beaty R Erhard Jamie Lee Erhard Patricia Ann Erhard Carol J Esh Alvena Evans Ronald L Evans Joh L Everett Ir Ruth C Fabruada John B Ferraro Sharon K Fillman Jean Fitch Wendy J Fivash Lorraine M Ford Ruth N Fox Marlo Fralick Anne Freed Russell D Furst James M Galbraith Sara J Gamble John B Garrett Linda M Garrett L Jeanne Gemmell Sharlene L Gephart Brent Geraty Anita G Gerling Lloyd Gibson Dwight C Gillham Arloene Y Goley Evaristo Gomez Marcia M Gomez Stephanie Gosling Catherine N Graf Bridget Gross Nancy L Grossman Elaine M Grundset Donald Habenicht Glen R Habenicht Linda Haddad Elaine Spalding Halenz B Jane Haley Patricia L Hall Harry Halvorsen Myla Gyl Hamel Iames R Hamstra Leif Erik Hansen Rachelle M Hanson Karvn M Harlow Frank G Harrell Patricia Ann Harrison Marian M Hart Michael G Hasel Lanette M Heghesan Perry R Heppler G Douglas Herdman Sharon M Herdman Marilyn M Herrmann Geraldine T Hess

Geraldine W Hill Merita K Hill Stanley J Hill Soley M Holm Yvette A Holness Nancy E Hood H Ralston Hooper Paul S Howell Shirley Huddleston Mary I Hunter-Laszlo Daniel R Hurt Gladys Hutchins Irma E Hyde Herbert D Ingersoll Don J Injety Julia G Jacobson Joel T Jepson Clara Lou Johns Blanche M Johnson Doris V Johnson Dorothy N Johnson Melvin A Johnson Eunice L Johnston Wanda I Jordan Nancy C Kantor Leslie E Keizer Suzanne R Keller John T Kempton Robert H Kerr Hervey Kierstead Choong-Man Kim Arnold C Kind Jr Joan Beth King Lillis Kingman Msafiri Y Kisaka John E Klooster Judson Klooster Dorothy L Knecht William E Knecht Karen E Knowles Lorrie L Knutsen Christof W Kober Louise E Kohring Esther Konrad Harriet Jean Kraner Leland Krum Tom Kuhlman Evelyn P Kuhn Diane R Kunza Ellen Laan Dolores E Lambert Susan M Lambert Robert J Lang Sharon J Lang Louise Larmon Barbara LaRondelle Margie L Larson I Parker Laurence Huu Le Bryan E Lee Kyungno Lee Ruby M Link William B Little Risha E Lively Edgar L Lockwitz Jr Prestlev Lowry Ramona A Lust Evelyn J Lutz Lenna Mae Macivor Robert L Magray L Elaine Manley Dorothy I Massengill Alta M Massey Marlene K Mattson Morris J Mattson Pauline G Maxwell Daryl T A Mayberry Ursula Bujak Mayr Skip McClannahan Mary R McClay Robert D McIntyre Ronald K McKee Karin E McLarty Ernest Medina Ernesto Y Medina Ismael Medina Clara Meesarapu Meicy M Mercado Sue Neuman Miklos Diana J Mirek Jose I Montano Isidro J Monteso Consuela Rossiter Moon Brian D Moore Ralph B Moore H Susie Mundy

Iean C Hildebrand

Herman R Murphy Milton J Murray S Lynn Mutchler Robert L Myers Ruth J Myers Cleora T Nachreiner Keigi Nakama Mable Moore Nash Harry C Nelson Roscoe K Nelson William R Nelson Frank Jr Nemeth Katrina V Nesbitt Patrick J Neuman Magaly M Newmyer Lillian Ng Ethel Niemann Beverly A Noble A C Noodel George A Noonan Christine M Norman Judith L Nowack Blanche A Oetman Loyal C Oliver Mabel Oliver Dantar Oosterwal Hollis J Oselka Emerald L Oxley John S Paeng Ford Palmeter Eugene A Palmieri Jose Paredes Catherine E Pascual Robert D Patterson Norman S Pava Donna M Peck Paul Pellandini Joy K Pelto M Edward Pelto Jr Carrol E Perry Justina Peshka Editha Peterson Tim W Peterson Dale Pickett Barbara Jean Platt Chalmers G Poole Margaret A C Poole Rose M Poole F Norman Pottle Jack E Powers Judy G Pritchard Patricia M Pritchard Bonnie C Proctor Joseph C Profit Florence C Pumford Glenn B Purdham Michael Quion Kari A Radford Carol C Randall, Deceased Charles E Randall Kent R Randolph Elmer Rasmussen Mary Rasmussen Susan Reeder Vivian N Reves-Chaij Carol L Reynolds Linda Louise Rice Carol L Rick Harold P Riess Lora A Riess Lester C Rilea Sr Hazel M Rippey G Lenore Rittenhouse Marco G Rivas Daniel R Rodier Barbara Isaacs Rogers Anna M Roosenberg Herbert Rorabeck Ianet D Rorabeck Luis A Rosado Francis W Ruddle Marsha E Rumsey Evangeline R Rusk Rebecca K Russell Mark A Rutkowske Nancy Sage Paul J Sanchez Aileen W Saunders Ruth E Schilstra Gerhart Schwarz Joyce J Schwarz Caroline P Scorpio Mary Lou Segar Rita Fern Seidler Lloyd K Sewake Mary E Shadel Richard S Shaffer

Karen Shea Gary Shearer Ralph E Shelton Marica L Sherene Linda Joy Sherlock Joyce Sherwin Phyllis Show William A Sias James C Simmons Lynette D Simmons Judy Simnett-Pratt Verna Slate Mary L Small Alexander T Smith Charlotte R Smith Darcy L Smith Reva I Smith Robert W Smith Jr Delia A Snide Ruth Ann Snow Andrew I Snyder Jeannine Snyder Terry E Snyder Ralph A Sommer Lois Elaine Soper Jean C Spelman Anna Mae Spicer Sandra I Stafford Eleanor C Stanhiser Vicky Jo Stastny Gail Adeen Sterner Thomas A Stiles Bart R Stimac Judith I Storfjell Milton J Summerton Lee Anne Swanson Cynthia A Symister Robert M Tebo **Budd Thomas** Clyde D Thomas Leon D Thomassian James E Tiffany David W Toppenberg Ronald S Torkelsen Lawrence Townsend Ramona D Trubey Carol Turk Katharine A Turner Timothy J Turner Reuben W Uniat Princess Vallieres Kimberly S Vance Sheryl B Vance Fernando Verduzco Ruby Alvaran Vitangcol Leon E Wadsworth Dana L Wales David W Wall Twyla O Wall Kurt S Wallack Linda S Wallack Clotilde Walls I Michael J Walston Arthur Weaver Natalie Jean Weaver Viola M Welch I Evelyn Wellman Ronald B Westfall Pauline M Westman Ronda M Westman Brian Wheeker Marcella Wheeler Ina Mae White Catherine Harris Whitis Alice F Whitney Veronique Wiist Raydene E Wilbur Jean H Wilkins Deryck L Wilson Elinor E Wilson Lois I Wilson Perri C Wilson Theresa C Wohlfeil Elizabeth B Woodall Dan C Woolf Iulie Ann Woolf Glenna M Ambs Wright June L Wright William S Wright Sophie Wutzke Nicholas Albert Young Allan L Zehm Judith D Zimmerman

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Individuals

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Doreen L Badenhorst

E Marie Baerg

Ernest A Baillif

Robert Bainum

Bertha Bakeman

Norma J Bair

William Bain

Ida L Bailey

Elizabeth L Baerg

David R Baker Mary C Baker Roger O Baker Willetta Baker B John Balazer Beverly A Ball Kathleen E Balos William Balow Marianne A Bame R Blanche Banks Mildred V Banner Elizabeth A Banning Jo Ann Baptist Lee Baptist Shirley Baptiste Betty J Barb Allen L. Barber Elizabeth M Barker Robert O Barkley Jr Dorothy Barnett Shirley M Barnett Catherine Barnhart Leonor Barreiro Patricia A Barrett Brenda Bartel Joseph M Bartz P Basconcillo Jim Basham Virginia R Basile Martin Bass Nathan Bastos Mabel Bates Joseph P Bauer A Ray Baughman Anna Bauman Silvia Bautis Terry Baxter-Potter Beverly F Baxter Bert B Beach Cheryle L Beardsley Mark L Beardsley Helen R Beaver Elmer A Beck Mark Beck Martha Beck Gloria L Becker Ralph J Becker Ronald R Becker William G Beckner Dorothy L Becraft Alan Bedford R L Dick Beerbower Harry Behm Ursula Beier Siegmund T Beimfohr Erich Bekowicz Willard C Belcher Anita L Bell Ann Bell Carl W Bell George D Bell P Stephen Bell Theonita Bell Troy W Bell Jr Joseph J Bellina Jr Jeremias Belonio Anne J Bender Daniel J Bender Douglas Bender Judith Y Bender Mary Lou Bender Alice Benfield Georgiana L Benfield Phyliss A Benn Jack L Bennett Jene R Bennett Mildred I Bennett Sharon A Bennington Rodney A Benson Bertha M Benton Dorothy Ann Benz Janette L Berard Ralph Berger Ray Berger Judy R Berglin Darla J Berglund Janet Bergstrom Leah Berke Emilie Bermingham Bastian P Bernard Jemmalene Bernard Maxine L. Berntson Virginia Beselt Edwin & Donna Beska Jeff S Beyer Albert P Bicknell John A Bicknell

Donna Biddinger Lynda Bieber Thomas H Biggs James R Billions Jane A Billips Lucille B Binder Catherine Biy Michele A Black Benjamin R Blair Mavis Blair Wallace N Blair Janet Sue Blake Matilla Bland Robert L Blefko Edwin Bleuer Heather I Blomeley Merle D Blue Marguerite L Bodie James L Bohnstadt Thomas F Bonnell David W Booher Hilde Boozer Lois Borden Dorothy Boring Joan V Born Mildred P Borton Paul F Bosco Raymond Boston Richard A Boswell James L Bothe J D Boulton M B M Boulton Elsie Bowen Frank E Bowen Jr Marjorie E Bowen R N Bowen Richard A Bowerman Thomas A Bowers Evelyn M Bowles Joanne G Bowman Mark S Bowman Leonard A Boyd Norma I Bover C A Boykin Maynard Boyko Edna S Boyles Elmer & Juanita Boyson Ellen Braddon Kenneth O Bradfield Frances L Bradford Robert E Bradford Winston Bradshaw Rosamond T Brahman Sharon Rose Brandmeyer Reinhard Brandt Shirley M Brandt John D Brantley C A Braun W L Breckbill Sherri D Breetzke Sharon J Brennen Thomas A Brevan Paul E Bridgham Florence R Bright Jerome Britt Sharon D Broadway Dorothy L Brock Leslie Brock Walter R Bromba Cherry Brooks Lawrence C Brooks Judith A Brothers Mary L. Broughton Ruth Brower Annette A Brown Barbara Brown Donald Brown E E Brown Glen Brown Glenda Jo Brown Helen A Brown Jean Borst Brown Lawrence E Brown Marshall L Brown Maxine M Brown Richard D Brown Violet F Brown Louis R Browne Juanita Brumitt Esther M Brummett Vera Bruner Earline L Bryan William A Bryan III Edward M Bryant A June Buchanan Gwenda Buckman

Larry A Bicknell

Judith M Buenger Paul R Bueter Colleen L Buettner Iva Bugbee Gebhard Buggel Joyce Bullock Lila L Bullock Ruth Ann Bullock H Ross Bunce B Buonanoma Jean L Burgdorff Frank J Burger Sally Burgess Antonette Burke Dena Burke Robert P Burke Rose R Burket Beverly J Burmeister Miriam L Burnett Agnes R Burns Belva J Burns C Ronald Burns David B Burrell Rachel May Burton Margaret B Busby Millie Bushy Laura E Busch Marian Bush Benjamin G Butherus Kathleen C Butler M K Butler Michael Butler Katherine V Butterfield Elmira Buxton Catharina Buys Harold I Buzzard Frank L Byrd Orlando Caceres Barbara Smith Cady Sharon L Calkins Delicia Calla Carl E Campbell Florence E Campbell Lavonne W Campbell Lisa Campbell Marion Cantrell Sandra J Caple John A Capman Triza Cardona Anne E Carey Ferne Carlson Gerald W Carlson Viola A Carlton Bruce R Carlyon Marvin Carnahan Bernice Carney Alter Carpenter Vernon Carr Sonja K Carrico Audrey E Carrington John G Carroll Roderick J Carruthers Frank Carter Steven J Carter Mary Ann Casebolt D Michele Cash Fred Cash Susan G Cash W A Cason Fred Caspari Joseph K Cassidy Kicab Castaneda-Mendez Robert L Catania Marcus G Cato Darla J Cederberg Duane Ceithamer Alvin L Chaffin Paul R Chagnon B Beatrice Chambers Jane Chambers Janine L Chambers Mark Chamness Diane Champion Gilbert B Chapman II Suzanne S Chapman Isabel Charles James W Chase Linda S Chase M A Chase William Chase Don Checots George Cheeseman Leander B Cherry Elsie Chhangte Anna Chilson George T Chittick Nick Chobotar

Harry Chorpening E Pearl Christensen Marvin E Christensen R G Christiansen Elizabeth A Christman Wonsang Chun Betty Hwaja Chung Jean Chung Rosabelle K Chung Roy Cinquemani Larry D Clark Lois T Clark Merrill A Clark David T Clarke Janet M Clarke Jean Clarke Robin R Clarke Violet V Clarke Esther M Clav Doris M Clayton Kevin J Clayton Marilyn Clayton Elvira Cleary Laura L Cleary Susan L Clements Karen N Clister Mildred E Close Michael R Clouse Dorothy Coberly Barbara I Cochran Ronald S Cohen Warren L Colby John D Coldeberg Mildred A Cole Sonny Cole Sandra E Coleman Eman H Collins Henrietta Collins John J Collins Orla L Collins Sergio Collins Abida Colon Ierrold L Colten Ralph Conant Dolly Conard Annette C Conklin James T Connelly Harold H Conner Frank Connolly Laura L Constantine Aurora A Constantino Patricia Conway Beverly K Cook James J Cook Rosemary Cook Elizabeth M Cooney Mary Doezema Cooper Frances Copeland Margaret Copley Charles A Copple Fred D Corbin Belinda Cordell Sherwood S Cordier Loren W Corfman David L Corless Margaret B Cormican Fred Cornforth Gary Cornforth Floyd A Corrigan Aubrey Corteling Esperanza B Corvera Joseph Costa Earl Couch Shirley A Coulter Norma W Courtney William J Courtney Philip Couture Larry J Covert Doris M Cox Betty L Coy Josephine T Coy Kenneth Coy Evelyn Crabtree Steven D Crain Lawrence E Crandall Tim Crary Alice M Crawford Anne M Crawford Eaton Crawford Mary L Craypo Robert L Creviston F N Crider Edwina M Crismond Marita R Criss Selena Crittenden Steve A Cross Ir

Joanna Crowe

Rosaleen G Crowley Joe S Cruise Geza Csapo Milton Cuddie Ruth Cunningham Robert B Curren Edith M Curry Diane Barrett Curtis Raymond R Curtis Robert P Curtis Mabel A Custer Charlotte Cylke Gregg Dabrowiak J Culbertson Daggitt Dennis A Dahl Lorna Dahl Helena A Dahman Gloria L Daily Mina Dale Rodney E Dale Denis Dalke Alexander N Dalsfoist Fay C Dalson Jack W Dalson Janelle E Dalson Laurence A Dalson Debbie A Dangler C R Danielson Elsie Danneffel Sophie Dansfield Robert B Dantuma Kristin A Darden Marcia B Darden Irene L Dare Fritz Dargus Loida Tortal Datu-On Romeo L Datu-On Ruth M Daube Ioanne Davidhizar Donald J Davids Caroline Davidson Janice A Davidson Ralph M Davidson Margaret Davies Diane Davis Ethel M Davis Glenn L Davis Judith E Davis Ken Davis Loyal W Davis Mary Davis Richard A Davis Roberta Davis Vera B Davis Ladonna M Day Jose G Dayao Margaret L De Atley Walter De Grave Therese De Mars Cathryn E De Sues Orletta M Dealy Kathryn Dearborn Nancy K Deaton Rollin L Decamp Gladys Deck Kenneth L Dedeker Harry C Dees Ir Jack L Deford Cameron P Dehart Charles E Dehnert Lillian P Delaurier John M Delio Jessie F Delmundo Ronald D Demblowski Michael J Denholm Beverly Denton Karen K Deogracias Francis M Derick Dixie Detgen Esther K Deutsch Gary Devries Frank E Diehl John W Diehl Diane H Dietel Marie Dill James C Diniak Paul W Divine Ricardo Dizon Phidelyn M E Dobson Terry L Dodds E Jane Doering Sharon Doering Paul Michael Donahue Bettie B Donesky Helen F Donovan Hannah A Donze

James S Doolittle

Marla S Dortch Cheryl-Ann Douce Robert R Doud Joyce F Dougan L B Dove Eleanor M Down Betty L Downie Louise Dranek Stephen G Drendall Lucena Drew Nancy S Drew Betty Ann Drier David M Driver Charles D Droege John R Dronen Laura M Drown Margaret L Du Vernay J R Duckworth Ruby L Dudley Mary Duers Leonard Dungey Ann Marie Dunn Elwin M Dunn Patricia J Dupper Eugene F Durand Lowell J Durham Darrel Dutcher Sheryl S Dysert Darlene Eash Earl E Eastman Patty R Easton Robert W Eaton Lawrence Eattoni Menton A Ebel Roberto Velez Echevarria Margaret A Edgington Samantha Edgington Jeff Bowen Edmunds Daniel P Edouid Rowena A Edguid Connie S Edween Jean M Egan M Jeanette Eighme Alice Eisele Richard Eisenbach Kenneth P Elie Arlen J Eller Daniel O Elliott Jr Marvin L Elliott Mary N Elliott R McKinley Elliott Oma E Ellis John M Elston Ernest V Eltz Harry L Emerick Lucy F Emery Valena Emery Sondra F Engel Marvin J Engelkemier D F Ennis Marie Ensign Arden R Erickson Jana M Erickson Flora Erskine Andrea L Erwin Rupert Esser Adrana Este Mary E Estes Derek J Evans Glenn P Evans Iovce Evans Lori A Evans Robert G Evans Royal H Evans Jr Edward A Everett Henry O Ewing **Jack Fabiani** Nancie Peacocke Fadeley W A Fagal Ianet B Fairo Martha Falco Mervin Falor Juan Fals-Borda Iudi Falsnes Timothy W Fambro Charles Fancher Oscar Fancher Vickie D Fandrich Verna L Faria Elizabeth Farrington Meta L Fasking Annie Faura Eva Fazekas Billie Federspiel Elizabeth S Feeser Duane L Feldman Elizabeth B Feller

Erna E Fenker Pamela Fennewald Robert Fenton William H Fentress Erma Ferguson Florence L Ferguson Hilda M Ferguson Bette B Fern Lucy F Fernando Otilia S Ferreira Louise M Fessenden Rizalina M Fetalino Wilbur Fikes David E Fillion Alice B Finch Mildred I Fiore Eleanor Firestein Dennis H Fisher Wayne R Fisher Willard C Fisher Vivian E Flagg John F Flanagan Michael E Flanagan Robert B Flegel Dorann S Fleming Maynard Fleming Ron Flickinger Thomas P Flint Charlene Flowers Hoyt R Fobes John Foch Anita Folkenberg Ira D Follett Audrey Foote Darlene Foote Betty Forcier Myrtle Forgey Sally Forraht Orville Forrest Mary Jo Fort Frances Foster Emma Jean Fouts W C Fouty P L Fowler Constance J Fox Elsie D Fox Robert W Fox John H Frambach Bernice Frame Edna Francis Helen L Francis Leona C Francis Inez Fraser Sharon I Fraser Carlyle Frederick William Fredrick Joseph D Freed Kathy Freeman Donna M Freidline Mabel Freitas Margaret M French J Jerry Frese Ann O Frey George W Frick Douglas M Friesen Renee Fritz Doris B Frobel Angie Froemming John Frood I Burl Frost Sharon K Frost Robert H Funkhouser Helen Furber Patrick J Furlong Jean A Gagliardo Claudia Galbreth Susan Van Galder Barbara L Gallay Virginia E Gallay Leslie T Galup Blaine W Gamble Carolyn Garber Phyllis A Garber Martha Gardin Leslie F Gardner Marilynn S Gardner Robert Garrett Joyce Garrigus Thomas A Garvin Helen F Gasdick Eugene A Gassere Hanna Gast Harry T Gast Jr Warren E Gast Norma J Gathje Judith A Gault

Thomas C Felmey

Barbara Geary Joyce D Geary Paul H Gebert Betty L Geerligs Helen Geglio Cindy Geisen Lydia B Gellido Patricia L Geoffroy Wilma George June A Gerard Luella J Gerig Raemond German Joseph M Gerrard Helen L Gerst Hugh P Gibbons Edmund J Gibson Florene V Gibson Glenda Gibson John P Gilbert Stanley A Giles Zoe A Giles Sylvia Otis Gillbank Monte C Gillespie Viola Gillespie Patricia V Gillette Bonnie H Gillham Delinda B Gillham Florence Gillman Howard W Gindelberger Martin E Gingerich Sally R Ginter Margarita Gitev Patricia Giurcan John Philip Gleason Maureen L Gleason Ion A Glenn Elvin Gocken Lois G Godersky Abraham Goetz Mary B Goff Walter Clinton Goff Joseph B Gold Sam Goldberg Vayda Goldberg Robbin Good Ernest Goodell Carol Mae Goodhew Alan Lee Goodman Deborah S Gordon William Gordon Zetta Gore Richard D Goree Betty Jane Gorin Margaret M Goronzy Sandra Gorsuch Myron L Gottfried Mary Gough Audrey A Gould Rubin Gould Ed Grafton Arlene J Graham Debra Graham Carolyn L Grathwohl Casper O Grathwohl Mary Jane Graves June Gray Mary Jane Gray Randy Gray Jean Brunk Greaser Fern H Green Erna L Greene Nathaniel G Greene Robert W Greenleaf Raymond D Greer Joseph Gress Brenda S Greve Betty L Griese Norman A Griessbach Wayne Griffioen Albert E Griggs Goldie B Griggs Edgar H Grimm Schubert Grimm Paul P Grodner Linda Groenhof Emily Gross Iulia B Gross Elener R Grossman Dorothy C Grove Mark C Grove Mary Lou Grubbs Ernestine Gruber Victoria L Guentert Shirley Guernsey Charlene Guggisberg Patsy P Gummerson Sharon Gumz

Rulene E Guth Clara D Guthrie William L Guthrie Carmen Faith Guy Lillian M Haag Lucile E Haagenrud Tobey Haagenrud Harold M Haas Margaret A Haase Walter E Haase Fred E Habenicht Anna A Haberbusch Melvin N Hack James K Hacker Janice K Hackett Martha Hadley James A Hagan Hedy L Hagen Ilene E Hahn John C Haidu Ethan T Haimo David I. Hakes Barbara Hales George M Haley Virginia S Haley Carol Halgren Jean M Hall Linda F Hall Shirley M Hall Dianne L Hamblin Agnes S Hamer Max F Hammel Virginia Handy Judith Hankes Paul F Hanlon Ken Hanna Joan Hanover Barbara L Hansen Donna S Hansen R A Hansen Burnell Hanson Sheri E Hanson Frances G Hardcastle Ellen M Hardinge Mary Alice Hardy Carol M Harin Donna B Harlan Carol F Harning Leonard O Harrell Charles P Harris Jr Harold J Harris Esther Harrison Mildred Harshman David Hart Dorothy Hart H P Hartsock Valerie Hartson Deborah Harvey Layater Harvin Jeanette K Hastings Janet Hatcher Maynard B Hatcher Rueben Hauck Shirley Hauy Jeanette Havens Dorothy J Havlik James G Hawkins Jay Hayek Vyrl Hayford Mary Jo Hazlitt James B Healy Roy L Hearn Anna Hebert Michael Heidenreich Edward J Heinig Lois G Heinmiller William Heisler Jean Heldstab Elsbeth Helling Nancy A Hemingway Franklin P Hendricks Julie Hendricks Eugene W Henry Mignon G Heppler Connie L Herbel Barbara A Herlan Paul R Herman Glenda Rae Hernandez Lois Hernandez Jo Hess Johann T Hess Kenneth H Hesselink Albert E Heustis L M Hewett Hyacinth Hewlett

Clela Hickerson

Alvin A Hieb

Ianet M Hilbert Ramona Hile Margaret F Hiler Carolyn Hilgart Carole I Hill Ethel Hill Charles W Hillman David W Hills Ruth L Hilty Charles E Hinckley Lenn Hines Alverna Hintz Keiko Hirano Yasuhiro Hirosawa William E Hirsch Lorin M Hixson Catherine Hochstetler Evelyn R Hodder Katherine L Hoe Sherry Hoe Persis P Hoeschen Robert C Hoff Caroline Hoffer Frank F Hoffer Ellsworth G Hoffman Janice Hoffman Diane R Hogue Artemis Hoke Charles E Hoke Arlen G Holerud Kathleen Barr Hollenberg Virginia Hollett Valda A Hollingsworth Aletha J Holloway Ila M Holloway I H Holm Judith A Holm Lois Holm Donna Holmes Fran Holmes Levern F Holmes Stephen F Holmes Finicula Holness George L Holness Herbert A Holness Holy Cross Fathers Elizabeth Honkanen Louis S Hoodwin Sandra C Hoover Carol L Hopkins R W Hopper Edward B Horner David M Horvath Kiyoko Hoshida Elizabeth Hossler Gordon Hostetler Anna M Houmann Patricia Houpt Emily B House John C Howard John Howard Ruth Howard Sharlene K Howard Maura C Howl Ellen R Hoyt Peter Hubin M C Joyce Huether Robert L Huffman Donald Huft Hyung Man Huh Gwendolyn Humphrey Evelyn M Hunt Scott Hunter Terry G Hunter Ruth A Hupp Florence Hurcomb Donald L Huron Corrinne D Hurt Carolyne N Hurwich M Arnold Hutabarat Ann B Hutchens Karen S Hutson Richard P Iattoni Linda Iciek Janet Illeni Arthur Illery Inae Judy Im Dona Lou Imler Joy A Inglish Shirlee J Ingram Faustino J Inocencio Jr Rosa Inocencio Jorge C Intal John H Ivv J B Jablonski Ilona F Jackson Melody Jackson

Meredith Jackson W Steven Jackson Jr Ethel L Jacobek Carl H Jacobs Leslie T Iacobs Mabel L Jacobs John Jacobson Aelola A James Leonard E James Patricia Jameson C E Jansz Jacob Janzen Bonnie Jarosz Samuel J Jasper Barbara J Jennings Karen A Jennings Ethel E Jensen Herb Jensen William H Jensen Robert P Jerue Edna M Jeschke Ianice H Jewett A David Jimenez Wilbur Jinkins Mary Jipping Meredith Scott Jobe Paul D Joers Althea Johlfs Cecil I John Jr Ben Johnson Carol Jean Johnson Carolyn J Johnson Dorothy N Johnson Edith C Johnson Ernest Johnson G Walter Johnson Ginger Johnson Harvey C Johnson James H Johnson Karen P Johnson Katreen Johnson Leanor B Johnson Lloyd Johnson Lowell A Johnson Mary L Johnson Mildred M Johnson Paul R Johnson Phyllis M Johnson Richard D Johnson Scott Peter Johnson Sylvia D Johnson Walter Johnson Ir Helen Kathleen Johnston B Jones-Skover Earline R Iones Georgia Iones Gertrude L Jones Helen M Jones Jesse Jones Mary K Jones Roy E Jones Sarah E Jones Diana Jordan Jonni Jordan Linda Jordan Myrtle Jordan Rosario M Jornada Clarence Judson Lysle E Judson Fritz Judt John M Juhasz Helen Juhl Leif Juhl Milton H Juister Cassandra O Jupp Margaret Jurkiewicz Marilyn B Justesen Jin Jyung Steven A Kahn Dorothy Kaiser Gaydene Kalua Marianne Kamphorst David Kane Leann Kane Andrea C Kang Eunhee Kang Blanche Kantor Madge Karowski Lyle F Karpenko Lavonne Kasischke Betty L Kastner Esther Keeler Agnes M Keene Christina Keim Sandra K Keirnan Dorothea P Keith Pauline E Keith

R Douglas Kellam Doris Kellbach Dorothy E Keller Iulie Dee Keller Ronald L Keller Ruth M Keller David Kellogg Elizabeth W Kelly S Kelsey Kathryn Kempf Lee Kendall Mary Kendall John J Kennedy Richard A Kenney Dale T Kern Gary M Kern Cheryl J Kershner Roy Kesselring Catherine Kexel Thomas A Kexel John Kidder Thelma P Kierstead Byung Y Kim Chang Wu Kim Chung Shik Kim Hae Sook Kim Helen Kim Heon Koo Kim Juhyun M Kim Kyung J Kim Monica S Kim Myoung Hee Kim Ok-Nam Kim Seung Nam Kim Sun O Kim Viola S Kim Zae Koo Kim Gretchen I Kimble George T Kimmel III Toni R Kingsley Marlin H Kinman Iovce R Kinnear Frederick J Kirby Sadie M Kirkham David I Kirkner Josephine A Kirkpatrick Elaine Kirshenbaum Cleveland E Kisaka Helmut Kissinger Peter Kissinger John L Kittredge Rachelle M Klawitter Ralph W Kletzien Rick E Klug Lvdia Kniebes Sandra Kniebe William J Knight Elsa R Knoll Henry Knollmueller Gordon T Knutson Kay Delle Koch Kimberly Kochis Walter Koeller Ruth R Kollock Kathleen L Kolmodin Cheryl A Komorowski Suk Ho Kong Melvin H Korrell Gerald R Krager Richard P Krajniak Betsey E Krantz Nelson Krantz Lois Krause Paul A Krause Terri Kreft Alice Loewen Kreider Heidi S Kremio Esther Krenzler Melva I Krev Robert A Krieg Joseph C Krieger Gene L Krishingner Edward F Kriz Geneva Kroehler John M Krom Andreas Krueger D L Krueger Irene Krull Ronald E Krum Joan Kruzel Mr & Mrs Kucelj Ianet G Kuebler Luella Kuebler Denise A Kuehner Rotraud Kuhn

Lillian Kekahu

Pauline Kupo Fred C Kurman Emalene Kuykendall Michael Kwatera Ronald Kwiek Howard E La Mountain Charles R Lacey Flossie Lacount Lamberto C Lacson Velma Ladage Margaret C Ladd Bev Lafave Jean Lafov Monte Lambert Corlene B Lambeth Katherine S Lamborn Audrey Lamon Beverly A Lamon Robert A Lamon Marilyn A Lamore Rvan Lamothe Willard Lanaville Terry W Lander Kathleen Lane Freda I Lang Kevin J Lang Leo C Lang Robert D Lang Patricia M Lange Lorraine M Langenhop Timothy G Langlois Thomas H Lankston Jennifer M Lape Mariam Laporte Alan Larkin Jeanne S Larson W G Larson Florence K Laubach Ann W Lauer Arthur M Lavallee Sr Margaret S Laven Margaret Lawrence William J Lawrence Marcia A Le May Irene P Leahy Polly Ann Learned Sandra L Leavelle Alfred Leder Herbert Leder Benjamin A Leduc Jennifer A Lee-Own Chai Chan Lee Denise Lee William H Lee David C Leege Russell Lehman Bruno Lehmann Gaston Lemieux John F Lemke Myrna Lemon Patricia Lemon Ruth Lemon Gerald F Lerman David Lesley Albert P Levin Seymour Levine Cathy Lewandowski E Lewis Flora M Lewis Mildred L Lewis Ralph K Lewis Raymond Lewis Ida Lichtenwalter Nella Lievense D R Lindborg Jason D Lindower Jr Cathleen Lindsay Joli Lindsay Barbara Ann Link Brent Link James E Linke W J Linstromberg John R Lionberger Jr Luzviminda I Lira Mary Lister Doris E Little Henry Little Julie Little Jean Loasby Earl Lofters Leonard C Lombard Sr Joseph M Londino Bessy Long Kathryn E Long Richard M Long Charles R Looker Eleanor Mae Lopes

Alfonso A Lopez Jr Carmen M Valles Lopez Loida Lopez Bonnie Beal Lorenson Kim Louder Nancy S Loudin Robert Loudin Jr Leonard Lovaas Robert O Love Ellene Lovin Blanche Lowe Reba E Lowe Shirley Loxdale Marie Lovce John W Lucey Elaine Lucker Cliff Ludington Naomi L Ludman William Lugenbeal Lucille M Lukens Ianet R Lundblad Dominick Lupo Ir Ruby T Lushbough Donna J Lutz John R Lutz A L Lynd Delia B Lynd Doris M Lyons Haesang Lvu In Sang Lyu Charles W Mabry Steven S MacDonald Amabel Machell Rose Macht Lance D Mack Donald I Macklin Mary M Macomber Pamela MacTavish Milagros R Madolora Richard Weng Mah Ellen L Mahe Marianne Maley Ralph Maley Elena Malits Helen F Malosh Anne L Mangelsdorf Susan Manke Kathy Manley Virginia R Manley Carol E Mann Esther D Mann Edna Mannerfeldt Kelley A Manning Marion Manthe Gwen Manuel David S Maquera Mary E March Lorraine Marcus Joel Devencode Mark Janet L Markel Robert S Markel Joyce V Marks Gordon Marquis Howard J Marschak Roberta J Marsmaker Donald B Marti Gloria M Martin Robert W Martin Richard R Martinez Bernice Martz Myrtle D Mathe Henry A Matheson Kathryn Matheson Donna Mathews Eleanor Mathi Helen Mathisen Edna I Mattausch John Maurie Florence E Mauro George & Helvn May Mildred May Richard D Mayer Alice Maysick Evelyn Mc Bride Frances Mc Cullough Dorothy J Mc Ginnis Louise M Mc Glinn Michaele Mc Intosh James M McAuliff Marjorie McBride Burton A McCabe Cora M McChesney E McClean Helen McCleary Alma L McClelland Helen I McClurg

Mary M McConnico

Valora L McDaniel Florence McEarchrane Carol Muessel McFarland Charles L McFarland Marcia J McGarry Deanna M McGee Elsie McGray Robert P McIntosh J Lester McKee Dorothy McKemey Iulia C McKenzie Elsie L McKibben Marguerite C McKirgan Gordon L McKnight Ernest B McLean Theresa L McMahon Charles J McMeans Dennis McNeilus C H McReynolds Helen G McWilliams Jack R Meagher Marcelino V Medina Virginia Medina Donald W Megge Jr I G Mehling Hester M Meighen Lillian R Meisner Lydia J Meissner Adela Melara Betty J Melin Patricia Meltzer Leonard Menchinger Peggy A Menck Angelo B Mendillo III Rafael Irsula Mendoza Cenon M Menes Beth L Mercer A Merginio Robert S Merickel Brenda S Merkel Sue Conard Merkel Clark A Merling Alice G Merrifield Margarita Merriman William P Merritt Elester Merriwether Sam Mertantini Elsie Merz Elva Meseraull Velda Messersmith Earl Metzler Ardis M Mever Helen Meyer Kenneth Meyer Norman E Meyer Angela L Michielutti Roger W Mickelson Peter Mihaljevio John W Mihelich Dorothy Millard C Jay Miller E K Miller Jr E Ray Miller Evan J Miller Kathleen E Miller La Neil A Miller Marlin E Miller May E Miller Phillip J Miller Richard I Miller Violet G Miller Cecil Millner Charles H Mills George T Mills Milton Mills Quilvie G Mills Jenifer J Milnikel John R Minesinger John O Minier Jr Lucille Miranda Stephanie A Miranda Alberta V Mitchell Jarrell S Mitchell Joanne L Mitchell Rebecca R Mitchell Bernice Mitchelz Sofronio B Mitra Nannette D Moegerle Robert A Moffatt Neal I Mol Aurora C Molina Evelyn M Moniz Iovita Moniz Richard Moniz

Lemuel E Montero

Iovanne Monthie

Howard M Montgomery

Connie Moon Elizabeth Mooney Arlene Moore Bill Moore Ella L Moore Gwen E Moore Joan A Moore Joy Moore Laura J Moore Marium G Moore Miriam R Moore Robert S Moore Viola L Moore Janice C Moorehouse Gerry Moores Sandra M Moran Sharon Morasch Phillis J Morauske Julia L Moravetz Gertrudis Moreta Carlos S Moretta Al Morgan Fern Morgan G Arthur Morrell Doris Morrison Nicholas Morrison Lisle E Morrow Ben Morse John Morse Anita Moses Cynthia M Mosher Dale Mosier James C Mould Lilian C Mould Gordon E Mouw Hiram S Mowrer Stephen Muka Lila Mulford Carolin Muller Patrick D Mulroy William K Mundell Raymond Mundt Bill Mundy Teresa De J Munoz Earl O Munson R Ellen Murdick Marilyn Murdock Dorothy Murphy Lloyd J Murphy Leona Murray Lore P Musser Joe & Linda Myers Ralph F Myles Ethel Nafziger June Nafziger William S Nahikian Dora S Nallick Julian Nam Myung K Namm Mary Napolitano Viola M Nash Winifred M Needham Dortha Neidlinge Alfred A Nelson Arvid Nelson Clyde M Nelson Edna Nelson Erwin L Nelson George E Nelson Helen M Nelson Philip N Nelson Robert R Nelson Sandra J Nelson Sarah J Nelson Susan G Nelson Velda A Nelson Cindy Nemethy Alma Nephew Jennifer A Nesler Larry J Nessen Robert J Netro Aydah Neufeld Ella Neumann George D Neumann Zoe J New Gloria Newball Rosemarie Newhart Betty Newman Joseph J Newman Kathie E Newman Zoe Lynn Newman Elsie Newsted Susan E Ngitngit Robert Nicholas William A Nichols Edith Nicholson Rolf Nieman

Sam Nkana Alice R Noah Elisabeth Noel Harold M Nofzinger Janette Noll Eugene F Northrop Lonnie R Novak Viola J Novicki Ellen Nowack Evelyln Nower Sheree Nudd Irene Nuechterlein Walter Nugent John L Nuss Edmund A Nussberger Arthelda H Nutt Robert E Nutt Virginia Nyman Thomas F O'Meara Clara J O'Rourke William R O'Rourke J J O'Toole Fiona C Obermueller Fortuna H Odell William E Odell Christine Oh Nam H Oh Karen Bata Okuno Edward S Oliver John D Oliver James Olmsted Boyd E Olson Kenneth L Opgenorth Antoinette Opperman Ernesto P Ordanez Maria Ortiz Arturo S Orzame Virginia Osmick Marion I Ossmann Elisabeth Oster Fritz Oster Linda J Oster Marvin O Osvold Virginia M Otto Barbara A Overdorf Becky S Overton Amanda D Owings Dorothy Oxley George Overly Kozaburo Ozaki Marie Padilla Donald E Paff Lester E Page Hee-Un Kim Pak Verna M Pak George F Palmer Mildred W Palmer Virginia R Palmer Effie Pampaian Susan D Pan Floy M Pangman Bernard Paradis Evelyn Paradis Lillian Parish Donald Parker Glenn A Parker Wilson S Parks Esther Parrish Robert L Parsons Shirley A Partridge Frances Pascal Henry Paskin Beverly Pastler Dona J Pasto Boonmee Patchimrat Deborah A Patrick Daniel R Patton Beverly A Paukowits Edna Paul Thurman Pava Howard H Paxson Leigh E Payne Judith M Payton Artlis R Pearson S Sue Pease Miriam Jean Pede Helen M Pedtke Eun-Hee Peek Marilyn R Peet Willma Pekinpaugh Richard E Pena Georgia Penner Karen Pennino Lowell M Pepperl Felisa G Perez James H Perko Hazel Perry

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Julian Samora

Patricia Duffer Samples

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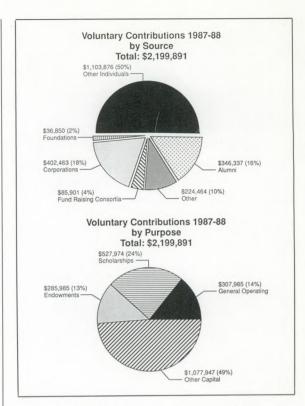
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Campus Update

June Commencement Services Held

In graduate and undergraduate commencement programs held Sunday, June 5, Andrews University graduated 522 candidates, among them the 23 first recipients of the master of science degree in physical therapy.

During the two services, four honorary doctoral degrees were conferred, one to Alan Collins, who taught art at Andrews from 1971 to 1978. Currently on the faculty at Loma Linda University, Collins received an honorary doctor of fine arts degree.

Receiving an honorary doctor of letters degree was Julia Neuffer. Beginning in 1943, Neuffer held various research and editing positions at the Review and Herald Publishing Association. She was assistant editor for the SDA Bible Commentary.

Musician and educator Alma Blackmon received an honorary doctor of music degree. Beyond her service in education, Blackmon was a member of the Review and Herald Hymnal Committee, and three of her arrangements appear in the new Seventh-day Adventist Hymnal.

An honorary doctor of laws degree was given to Daniel Chaij who has worked 23 years for the United States Agency for International Development (AID), Department of State.

In March 1985 President Reagan appointed Chaij to the rank of Minister Counselor, the second highest rank possible in the U.S. Foreign Service.

The guest speaker for the graduate commencement was Gordon Madgwick, executive secretary of the Board of Higher Education of the Adventist Church, whose topic was "The Abiding Imperatives."

Richard Schwarz, professor of history at Andrews, gave the undergraduate address titled "What Is That in Your Hand?"

On the graduate level, 190 candidates received degrees with 95 graduating in absentia, nine of whom are from affiliated campuses. Of the 190 degrees, 175 were at the master's level and 15 were at the doctoral level.

In the undergraduate ceremony, 332 degrees were conferred, 35 of which were associate degrees and 297 were baccalaureate degrees. Ninetythree graduated in absentia of whom 62 are from affiliated campuses.

Professor and Student Give Language Insights at Hong Kong Conference

Stella Greig, associate professor of English, and Grace Wong, a former Andrews graduate student, presented papers at the First Hong Kong Conference on Language and Society, held in Hong Kong from April 25 to 28.

According to Greig, over 200 linguists from Europe, the United States, Asia and Australia attended the conference.

Greig's paper, "Of Strangers, Talk, and Time," was based on her doctoral dissertation research. In her study she compared the willingness of Americans, Costa Ricans, Finns, and Chinese people to start a conversation with strangers in travel situations.

Greig found Costa Ricans to be the most enthusiastic with 85 percent saying they would converse with a stranger; Americans were second with 81 percent, Finns third with 64 percent, and the Chinese last with 39 percent. "All groups were



Sculptor Alan Collins, who was among four recipients of honorary doctoral degrees in June, cuts his name into the campus sculpture he created in 1974.

thinking about the other person's needs," says Greig. "The Finns and Chinese didn't want to impose on the stranger's privacy, while the Americans and Costa Ricans wanted to be sociable and make the other person feel more comfortable."

Wong's paper examined the personal letters of a Chinese family which spoke both Chinese and English. She looked at the topics written in Chinese and those in English, as well as where in the paragraphs or sentences the informants switched languages. Wong found that when the Chinese writer wanted to express emotions she would often switch to English. "Chinese people typically don't like to talk about emotions." said Greig. "It's as if the writer was trying to distance herself from her emotions by switching to English.'

SA Officers Elected

Thirteen student leaders were elected as officers of the Andrews University Student Association for the 1988-89 school year.

Kim Kuzma, a junior economics major from Redlands, Calif., was elected president; Mark Avery, a junior accounting major from Secane, Penn., vice-president; and Tonya DiBiase, a junior French major from Berrien Springs, social recreation chairman.

Sandra Araujo, a junior public relations major from Puerto Rico, was elected chairman of Bringing Andrews Christ (BRANCH), the office which coordinates religious activities. She will be assisted by Kenneth Carter, on-campus coordinator, freshman, pre-seminary and education, of Caldwell, Idaho, and Janean Williams, off-campus coordinator, junior, physical therapy, of Cedar Lake, Mich.

Other newly elected officers include senators-at-large: Kathy Chan, junior, marketing, of Concord, Ontario, Canada; Gaddam Kishore Carey, freshman, information science, of Takoma Park, Md.; Duane Glassford, senior, marketing, of Glide, Ore.; Simon Liversidge, junior, psychology, of Silver Spring, Md.; and Susan Woolford, sophomore, chemistry, of St. Albans, Hertfordshire, England.

In addition, Ted Robertson, junior, zoology, of Batavia, III., was voted editor of the *Student Movement*, the university's student newspaper. Brent Phillips, a senior fine arts major from Oshawa, Ontario, Canada, was chosen editor of the annual student directory, the *Cast*.



At graduation vespers Kristina Watten presents a flower to someone special.

Dow Chemical Increases Scholarships

During the next six years, the Dow Chemical Company Foundation will offer over \$45,000 in scholarships to incoming freshman interested in pursuing a bachelor's degree in chemistry at Andrews University and planning to continue with a Ph.D. in chemistry.

The Midland-based Dow Foundation, which first offered a scholarship to an Andrews chemistry student in 1984, has expanded its Undergraduate Scholarship Program to offer four-year scholarships to several students. Under the program, each student will receive \$2,500 per year for four years while completing a bachelor's degree in chemistry.

Designed as a recruiting tool for high school students, the scholarships are available on a competitive basis. Applicants must be United States citizens and must maintain a 3.0 (B average) GPA in all credited courses.

The Andrews chemistry department will get \$1,000 per year in discretionary funds to aid the educational process, as well as \$1,500 each year for summer undergraduate research projects.

National Council Certifies Two Andrews Faculty

Donald Murray, Andrews University dean of men, and Donna Habenicht, professor of educational psychology and counseling, recently received certification as Family Life Educators by the National Council on Family Relations headquartered in Minneapolis, Minn.

This certification confers a nationally recognized standard of professional competence in the family relations area, according to John Youngberg, director of the Andrews-based Family Life Workshop program. There are approximately 275 people in the United States who have received this recognition first granted in 1985.

To receive certification, a person must meet requirements in 11 specific areas: human growth and development, human sexuality, interpersonal relationships, family resource management, parent education and guidance, law and public policy on family issues, ethics, family life education methodology, the internal dynamics of families, families in society and fieldwork in family life education.



The University's first class of physical therapy students to complete their master of science degrees were graduated in June.

PT Program Receives Accreditation

The physical therapy education program at Andrews University was granted full accreditation on March 31 by the Commission on Accreditation in Education of the American Physical Therapy Association (APTA).

The approval by the commission at its annual spring meeting is the first given to a Michigan physical therapy program oper-

ating at the master's degree level, according to William Habenicht, chairman and associate professor of physical therapy.

The accreditation process



Clarence Swallen, an 86-year-old retired accountant from Ohio, presented a \$3,000 check in April to Andrews President W. Richard Lesher on behalf of four Andrews students training for overseas service.

Recipients were, from left: Mark Sugi, from Japan; Sheny Lopez, from Mexico; and Gustavo Ortiz, from Columbia. Not pictured was Jamie Dunn, an American. Swallen is second from right.

Swallen began the annual contribution in 1985 as part of the Clarence and Genevieve Swallen Endowment Fund for Missionaries.



Retiring and departing Andrews University faculty and staff were honored on May 22 during the annual farewell reception. Employees retiring after 25 or more years at Andrews were, front row, from left: Elaine Waller, instructor of library science and music, 27 years; Betty Guthrie, Lamson Hall office manager, 28 years; Marguerite Ross, instructor at Ruth Murdoch Elementary School, 38 years; back row: C. Warren Becker, professor of music, 29 years; C. Roy Smith, supervisory instructor at Andrews Academy, 27 years; Bruce Lee, professor of physics, 32 years; and Bernard Andersen, professor of agriculture, 35 years. Not pictured: Sarah Conard, Berrien Bindery, 26 years.

began in January 1985, and the first students enrolled in July of that year.

"The timely receipt of this recognition assures our first graduating class the opportunity to write state board professional entry exams," said Habenicht.

"New programs are not eligible for accreditation until the first class is nearing graduation," said Habenicht. "This allows the program to be reviewed in its entire sequence and assures that requirements are being met."

Andrews offers a three-year professional program culminating in a master of science degree. Students are accepted into the program as juniors through a selective admissions process and must have completed two years of science and general education as prerequisites. The program includes 30 weeks of clinical practicums and internships with health care facilities nationwide.

Select Band Members Receive Hamel Awards

Six Andrews University band members each received a \$250 cash award from the Hamel Music Company on April 10.

Recipients of the award were

David Candy, tuba player; Stan Cottrell, percussion player; John Kim, trumpet player; Cyril Meyers, tenor saxophone player; Michael Song, clarinet player; and Tania Vargas, flute player.

The Hamel Music Company, owned by Paul Hamel, former Andrews music department chairman, annually gives the cash awards to first chair band members who have participated in band for an entire year and who have given outstanding service to Andrews.

The band director, Alan Mitchell, selected the students, and the music department faculty approved them.

Woodland Participates in Botanical Exchange

Dennis Woodland, professor of botany at Andrews University, participated in a three-week botanical information exchange in the People's Republic of China.

Woodland was one of 16 Americans chosen to participate in the group of 33 botanists from 11 countries. The group left the States March 23 and returned April 10

The China Botanical Association, an arm of the China Association of Science and Technology, coordinated the exchange through People-to-People International, a United States-based organization established in the late 1950s by

the late president Dwight Eisenhower. Participants were chosen to provide a broad spectrum of botanical specialties.

Nursing Shortage Continued from page 7

sons who are not also drawn by the joys of healing and the rewards of caring.

Some of the problems that caused the shortage are also being ameliorated by it. Many hospitals, Adventist ones included, are increasing their nurses' salaries, adding benefits, seeking out inactive nurses and initiating refresher courses for them, recruiting actively, rebuilding contacts with high school counselors, and offering bonuses to nurses for getting others to sign up.

A variety of solutions to the nursing shortage has been suggested by the experts: better salaries, more benefits, appointment of a committee in the Department of Health and Human Services to monitor economic changes in the profession, secretaries and technicians to relieve nurses of clerical work and simple medical procedures, improved image ("neither handmaidens for physicians nor promiscuous sex kittens"22), full acceptance into the medical team (with respect and autonomy to match responsibility). participation in decision-making, flexible scheduling, advancement opportunities, programs to reduce turnover, increased funding for nursing education, and career promotion in junior and senior high schools.

Experts also call for standardization of training programs, though some suggest a hospitalbased program would prepare more nurses sooner, and others maintain that a four-year degree program is necessary to give nurses the respect that will attract more students into the profession. Most of the above suggestions were also recommended by Andrews' alumni.

The ANA House of Delegates took action on the shortage at They "decided to fund a nationing shortage and directed ANA to convey to the American Hospital Association a request 'to join in aggressive efforts to urge employers of nurses to promote salaries, working conditions, benefits and patient care policies that will recruit well qualified registered nurses into the workplace.' ''23

Maybe when this trend swells, Mollie Schmoling and others like her will return to nursing and encourage others to join them.

1"The Coming Hospital Registered Nurse Shortage," MSA [Management Science Associates] Report, v. 1, no. 1 (Jan. 1987), p. 4 ²Dan Richman, "Nursing: An

Endangered Profession," Modern Healthcare, Mar. 17, 1987, pp.

³Christine Gorman, "Fed Up, Fearful and Frazzled," *Time*, Mar. 14, 1988, pp. 77-78.

⁴Editorial, "Nurse Shortage Real and Must Be Solved," USA Today, Aug. 20, 1987, p. 10A.

⁵Editorial, Modern Healthcare, Apr. 10, 1987, p. 7.

⁶Editorial, "Nurse Shortage Real."

Gorman, "Fed Up." ⁸Pacific Union Recorder, Mar. 7, 1988, p. 11.

Gorman, "Fed Up." 10"The Coming Hospital Registered Nurse Shortage.''

11"Nursing Shortage: Why?"

Michigan Nurse, Feb. 1987, pp. 2-3. 12 Ibid.

¹³Linda H. Aiken and Connie Flynt Mullinex, "The Nurse Shortage: Myth or Reality?" New England Journal of Medicine, v. 317, no. 10 (Sept. 3, 1987), pp. 641-45.

15"Nursing Shortage: Why?"

16Editorial, "Nurse Shortage

¹⁷Richman, "Nursing." ¹⁸Gorman, "Fed Up."

¹⁹Richman, "Nursing."

²⁰Pacific Union Recorder. ²¹Ibid.

²²Editorial, Modern Healthcare. 23"The Coming Hospital

Registered Nurse Shortage," p. 2.

The first annual "Exploring Our Adventist Heritage" week was presented at Andrews, June 26 to July 2. The seminar, a first-ever of its type, was attended by 16 participants. Persons wanting to attend next summer's session should

contact the Andrews University public relations office

its annual meeting in June 1987. al campaign to resolve the nurs-

Madeline Johnston (M.A. '77) is secretary for the department of world mission. She is also the mother of four alumni, two of whom are nurses.

Student Awards Total \$185,000

Scholarships and awards totalling \$185,000 were presented to undergraduate students at the annual awards assembly held May 13.

The Frank and Dolly DeHaan Work Incentive Endowment Scholarships totaling \$51,000 were awarded to 88 students.

The DeHaans initiated the endowment in the spring of 1986 with a \$925,000 gift to be given over a four-year period. At that time, it was the largest gift ever given to the school from a private donor. The fund was established to provide students with incentive rewards for outstanding service in campus jobs.

Also announced during the assembly were renewable academic scholarships for achievement on the American College Test and for National Merit Scholarship finalists and semifinalists; academic awards presented by the deans from each respective school; and recognition of students graduating with honors or academic distinction.

Students from the College of Arts and Sciences received \$101,775 in awards. College of Technology students received \$18,900. Students from the School of Business were awarded \$12,350 and students from the School of Education were given \$2,700.

Counseling Services Opens New Facility

The Counseling and Psychological Services Center held an open house May 14 at its new headquarters in Bell Hall, room 156.

The center first opened in 1971 when the School of Education moved its offices from the Seminary Building to Bell Hall. At that time, graduate students in the counseling program began to work in the Counseling and Testing Center facilities.

According to Frederick
Kosinski, center director, the
new center is to be used as a
practicum and training facility
for students earning master's
degrees in counseling or doctoral degrees in counseling
psychology.

Although the center was cre-

ated to meet an increasing need for space, Kosinski, also associate professor of counseling psychology, said the center is necessary to improve the training of students in counseling programs. "The center will assist us when applying for renewal of accreditation of our school and of the community counseling master's programs with the American Association for Counseling and Development," said Kosinski.

Authorities Speak On Alcohol Awareness

As part of the first Alcohol Awareness Week in Andrews University's history, two nationally renowned speakers gave presentations at the March 29 chapel and the April 1 assembly.

Joseph Martin, a Catholic priest and recovering alcoholic, spoke at the March 29 chapel. Known to many as Father Martin, he is the author of the book No Laughing Matter, and producer of the film Chalk Talk on Alcohol, which is used by the federal government and the armed services as a tool in alcohol education. Martin's presentation went beyond simply recounting the pitfalls of drugs and alcohol. He pushed for higher values in the face of the many problems today's young adults encounter.

Bob Meehan, a drug and alcohol consultant and president of the National Federation of Chemical Dependency Programs, spoke at the April 1 assembly. Meehan wrote Beyond the Yellow Brick Road: Our Children and Drugs, published in 1984. He has also founded two substance abuse programs to help addicts.



Joseph Martin

Graduate Research Fellowships Awarded

Andrews University School of Graduate Studies has announced four recipients of the 1988 Research Fellowship Awards.

According to Delmer Davis,

dean of the school, fellowships amounting to \$5,000 each will be paid to four Andrews graduate students to help fund their involvement in "extensive, quality research," supervised by an Andrews faculty member.

The four students are: Samuel Koranteng-Pipim and Bruce Norman, both working on a doctoral degree in religion; Randall Walikonis, working on a master's degree in biology; and Tom Wallace, completing the requirements for a doctoral degree in counseling psychology.

The deadline for application submission for next year's fellowships is April 11, 1989. For more information write to: Research Fellowship Awards, School of Graduate Studies, Andrews University, Berrien Springs, MI 49104 or call (616) 471-3444.

Research Indicates High Alcohol Use

Teenagers who drink the most alcohol are the most adamant that drinking isn't a problem, according to results of a study conducted by the Institute of Alcoholism and Drug Dependency (IADD) at Andrews.

The Human Resources Commission of Southwestern Michigan contracted with IADD to study substance abuse in 19 schools in a three-county area.

Duane McBride, Institute research chairman, served as principal investigator, assisted by Patricia Mutch, Institute director, and April Julian, research associate.

The study showed that the majority of students who used alcohol had started by the end of eighth grade. More than one third of marijuana users had begun in seventh or eighth grade.

Other major findings of the study included the recognition that most students are not substance abusers even with easy access to many substances; alcohol is the major substance used with about 30 percent reporting being drunk at least once a month; tri-county results are similar to national patterns; and those who drank the most did not perceive any alcohol problem at their schools and were strongly opposed to any intervention or prevention efforts.



New facilities for the Counseling and Psychological Services Center were opened in May. Members of the educational and counseling department faculty pictured are, from left, Selma Chaij; Wilfred Futcher, chairman; and Frederick Kosinski.

Rittenhouse Reviews University's Origin

Floyd O. Rittenhouse, first president of Andrews University, spoke on "The Birth of Andrews University," May 14 at a panel discussion that was part two of the First Annual Rittenhouse Presentation.

Appearing with Rittenhouse were Richard Schwarz, professor of history; Leona Running, professor of biblical languages, emerita; and Elaine Giddings, professor of communication, emerita. Harold Jones, professor of mathematics, moderated.

Rittenhouse stated that originally his first choice for the location of the Adventist university was on land in Maryland. "That plan fell to the ground because of a lack of vision on the part of the Columbia Union and impatience on the part of the General Conference not to reconsider it," Rittenhouse said. The vote was three to one to go to Berrien Springs.

Rittenhouse said that his preference for a name for the university was Maranatha University. But it lost by three votes to the name Andrews University.

Schwarz gave the historical setting for the development of the University. Running, the only professor still teaching who moved with the Seminary from Washington, D.C., presented the perspective of the Seminary faculty regarding the move to Berrien Springs. Giddings, who was teaching at EMC when it became Andrews University,

reminisced about the impact of that change.

The symposium was co-sponsored by the School of Graduate Studies, the Graduate Student Association, the local chapter of the Association of Adventist Forums and the Alumni Association.

The Rittenhouse Presentation, which was established by the Graduate Student Association, included a May 12 lecture on "The Opening of the Christian Mind" by Arthur Holmes, chair of philosophy at Wheaton College, III. The presentation concluded in July with Duane McBride's report of a substance abuse study he conducted for the Human Resources Commision of Southwest Michigan. McBride is director of research for the Institute of Alcoholism and Drug Dependency at Andrews and a professor of behavioral sciences.

Genesis Offers Help For Single Parents

Aided by a \$28,000 State of Michigan grant, Andrews University has begun a pilot program to provide child care and support services for families of single parents attending Andrews.

Called Genesis, to signify a new beginning, the program was implemented during spring quarter this year. Genesis is directed by Janice Watson, director of the Andrews Academic Support and Advising Services, and employs several Andrews students.

In addition to free child care, Genesis also offers parents individual counseling in academic areas; referrals to community agencies or to the appropriate Andrews department; and a discussion and support group.

Bookstore Celebrates Renovations

An enlarged and remodeled Andrews Bookstore celebrated its grand reopening on May 25.

Recent renovation created a 4,908-square-foot addition to the store to make a total of 11,000 square feet on the ground level, according to bookstore manager Faye Chamberlain.

In the past, merchandise was displayed on both the basement and ground levels of the store. With all merchandise now on the upper level, the lower level will be used for storage.

The entire bookstore received a facelift with new windows, a new entry with room for bookbags and umbrellas and a patio area with benches in front of the store. A Cirrus automatic banking machine was installed in the entryway.

Until 1975, the upstairs portion of the old building contained a grocery store, with the bookstore downstairs, said Chamberlain. After the grocery store moved and became Apple Valley Market, the bookstore occupied both floors of the building.



An enlarged and ''spruced-up'' University Bookstore can now display all merchandise on the main floor.



Discussing the origins of Andrews University are panel members, from left, Floyd O. Rittenhouse, former president of Andrews University; Leona Running and Elaine Giddings, both professors emeritae.



Genesis, a pilot program, provides child care and support services for families of single parents attending Andrews.



John Latimer, right, presents Kevin Davis with the first \$3,000 John D. Latimer Leadership Traveling Scholarship.

---NEWSBRIEFS---

■ Kevin Davis, a fourth-year architecture student, was the first recipient of the John D. Latimer Leadership Travelling Scholarship awarded in May.

The \$3,000 award "will enhance [Davis"] opportunities by expanding his experience through travel," according to documents establishing the award.

Latimer, a Seventh-day Adventist architect from North Carolina, presented the scholarship after the department of architecture faculty awards committee selected Davis based on several qualifications.

■ Andrews University economics professor, Malcolm Russell, was selected Teacher of the Year for the second time by the Andrews University Student Association. The announcement was made during the annual awards assembly held May 13.

Russell was named Teacher of the Year in 1979, two years after joining the Andrews faculty. In 1980, he received the Andrews Faculty Award for Teaching Excellence.

Russell thanked the student body for selecting him, and challenged them to really make something of their lives. "Where I've failed, I ask forgiveness. Where I've succeeded, I appreciate your thanks," Russell said. "It's what you do with your lives that makes teaching worthwhile to me."

Two Andrews University seniors, Monty Jacobs and David Thompson, had papers accepted for presentation at the Second National Conference on Undergraduate Research held in April at the University of North Carolina at Asheville.

Thompson's paper, in the area of high energy physics, was titled, "The Proton-Proton-Pion Virtual Bound State and Resonances at High Energies." Jacobs' paper, in the area of economics, was titled, "Leon Walras vs. Francois Mitterand: A Comparison of French Socialist Theories."

■ "The Lamp," an integrated software package that includes a powerful concordance feature for searching, cross referencing and retrieving Bible verses, was developed recently by several Andrews University personnel.

The program is now available in both the King James Version and the New International Version.

According to Clifton Keller, special computer services coordinator, the program is designed for use by ministers, religion students, researchers or serious students of the Bible. It was developed to encourage

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Zvonimir Hacko, director and conductor
Department of Music
Andrews University

UNIVERSITY SYMPHONY [Sat. Nov. 19, 7:30 p.m.] Beethoven: Violin Concerto in D major, Op. 61 Schumann: Symphony No.4 in D minor, Op. 120

CHORAL CONCERT [Fri. Dec. 2, 7:30 p.m.]

Bernstein: Chichester Psalms

UNIVERSITY SYMPHONY [Sat. March 4, 7:30 p.m.] Cimarosa: Concertante for Two Flutes and Strings John Adams: Harmonielehre

CHORAL CONCERT [Fri. March 10, 7:30 p.m.]

Handel: Dixit Dominus

VESPERS CONCERT [Sat. April 22, 7:00 p.m.] Bach: Cantata BWV 51, Jauchzet Gott in allen Landen

UNIVERSITY SYMPHONY [Sun. May 7, 8:00 p.m.]

Johnson Auditorium

Mussorgski: Night on Bald Mountain

Bartok: Piano Concerto No. 3

Gershwin: Rhapsody in Blue

Gershwin: Songs [University Singers, choreographed]

CHORAL CONCERT [Fri. May 19, 8:00 p.m.]

Berlioz: Te Deum, Op. 22

All concerts are held at Pioneer Memorial Church unless otherwise announced.

Admission to all concerts is free.

Dates and times are subject to change without notice.

For more information call: (616) 471-3600.

careful study of the Bible and to facilitate the transferal of portions of scripture to a word processor.

For information about purchasing "The LAMP" concordance program, write to Clifton Keller, Special Computing Services, Andrews University, Berrien Springs, MI 49104-0290, or call (616) 471-3129.

Thomas Baker, English and German teacher at Andrews Academy, was selected by the Council for Basic Education as a 1988 National Fellow for Independent Study in the Humanities. Baker was one of 150 chosen out of nearly 1,400 applicants

The council's goal, said

Baker, is to offer high school teachers the opportunity to study intensively in an area of their interest during the summer. "It cannot be pedagogical, but it should relate to one's teaching," said Baker. "Since I have students do oral history projects, I thought it would be good for me to do one in great detail."

During the summer Baker conducted an oral history project on the Chicago Great Western Railway and its communities from 1930 to 1955. The fellowship provided a \$2,800 stipend for six weeks of full-time study, plus \$200 for the purchase of related books for the academy library.

Alumni News-

Singing Men Perform On Southern Tour

The University Singing Men, under the direction of James Hanson, mixed business and pleasure in a trip to Florida, performing for alumni during spring break, March 16 to 24.

The tour included stops at the Cicero church at Indiana Academy; Southern College, where Peter Cooper, an assistant professor of music at Andrews, performed a piano recital; and the Port Charlotte Church in Florida

Other places on the itinerary included the Markham Woods Church in Longwood, Fla., Florida Hospital Church, and Kress SDA Church. Following the vespers service at Kress, Twyla Wall, Orlando Area Chapter president, organized an alumni meeting and invited the Singing Men to perform their secular repertoire. More than 50 alumni attended.

On Sunday, Linda VanNiekirk, M.Mus. '70, arranged for the Singing Men to perform at Holy Cross Episcopal Church in Sanford, Fla., where she serves as organist.

After visiting the sites around Orlando for a couple of days, the group continued their performances with a concert at Fletcher SDA Church, arranged by Don Mathis, B.S. '82, then assistant principal at Fletcher Academy, N.C. He also arranged for an alumni meeting following the concert, where more than 40 alumni got acquainted with the Singing Men, and, as had become the tradition at previous meetings, sang the school song together.

The last performance before an all-night drive back to Berrien Springs was at Little Creek Academy in Tennessee.

Hanson has been with the group since 1976. The 20-member Singing Men specialize in exhibiting a fun but disciplined attitude toward music. "I believe that the Singing Men communicate well their enjoyment of music and singing," Hanson said.

Rebecca May, director of alumni affairs, travelled with the group. "I

appreciate the willingness of the Singing Men to spend their spring vacation performing for alumni in the South. It was a rigorous concert schedule—not a stereotypical spring break lying on the beach! They are a fine representation of the type of student currently on the Andrews campus. I was proud to present them to our alumni and, in turn, alumni at each concert warmly received them."

Expenses for the trip were jointly sponsored by the music department, alumni office, public relations office and by the Singing Men themselves.

New PT Graduates Form Own Alumni Chapter

As the first graduating class of physical therapy students prepared to leave campus, they initiated discussions with the alumni office about forming a chapter of the general Andrews University Alumni Association. The graduates elected Vicki Innis as their president. She will be working as a physical therapist at Kettering Medical Center, Kettering, Ohio.

The physical therapy alumni want to keep in touch with each other and be helpful to the classes following them. They have set up an endowment fund for physical therapy students.

"The alumni office has been inspired by the foresight and enthusiasm of the 23 members of this class and, in a small way, tried to honor this by holding a reception at the Alumni House for them on February 28," said Rebecca May, alumni director.

Again, their enthusiasm was evidenced by the fact that almost the entire class stopped by to enjoy refreshments, meet alumni board members, see a slide show and play a game of Andrews Trivia.

Let's Support The Old Alma Mater by Steven Vitrano

Pass the word! Andrews University is a great school! It deserves our wholehearted support. No, I'm not talking about money. I'm talking about emotional, moral and spiritual support.

We don't have a football team. We don't have a basketball team. We don't have competitive sports to engender emotional enthusiasm, and yet we need enthusiasm. We need cheerleaders, alumni who get excited about what makes the old alma mater number one.

The sound of the hammer, the buzz of the saw, the pouring of concrete will soon be heard on campus in the construction of a new School of Business building that has been fully funded both in cost of construction and maintenance. Wow! That's a new day. Pay as you go! And in the wings, a new building for the College of Technology! And after that, who knows?

The future in higher education offers its problems. But Andrews is not sitting on its hands waiting for something to happen. Andrews is making it happen!

But remember, behind all this is an administration that makes it all possible. A "get tough" attitude on the part of the Board of Trustees and a willing, cooperative spirit on the part of the president and his associates in administration are helping to secure the future in a time of real crisis for private higher education. They deserve our moral support.

But Andrews is not just a university, it is a Christian university. It seeks to achieve objectives that run contrary to the consensus and philosophy of our contemporary, secular society. Add to that the fact that Satan is alive and well and at war with everything that is Christian and our need for continuing and earnest spiritual support. Maintaining a Christian, Seventh-day Adventist life-

style on campus is not easy. It never has been. The University needs more than an occasional prayer for divine guidance and blessing. It needs our constant continuing intercession. Lord help us! There is no way we can survive on our own.

All of this is not to say we should never question what is happening at Andrews. We must be vigilant. We must question what we think needs to be corrected. There is no substitute for honesty and integrity. Anything short of that is unchristian. But let's carry the torch for our alma mater. Remember, the quality of your degree depends to a large extent upon the integrity and reputation of the school that granted it. Certainly in a time of changing values there is a need to redeem and preserve a justifiable pride of family, pride of school and pride of nation. In a true Christian sense, positive reinforcement is indispensable. That is why God never tires of telling us how much He loves us.

We need your help in making the Andrews University Alumni Association a positive force in a cynical, selfish, materialistic world.



Steven Vitrano (BA '45, MA '58), who is professor of preaching and field evangelism, serves currently as president of the Andrews University Alumni Association.



The University Singing Men travelled 2,926 miles during their working spring break Southern Tour.



Physical therapy graduate Dennis Aguila wins a T-shirt at the Alumni House.

Class Notes

1920s -

Helen (Merriam) Clarke BA '29 and her husband, C. Fred BA '29, are retired and live in Camarillo, Calif. They plan to attend their 60th reunion in 1989.

- 1930s -

Helena (Sargent) Rosenberger DP '22 BA '30 taught for 46 years in Michigan, Illinois, Arizona and California. She now lives in Hilmar, Calif. ''... I want you to know that I love our college. I'd like to be young again and attend classes there. God has blessed me with good health and so many blessings.''

- 1940s -

Ronald Beardsley BA '43 lives in La Center, Wash. In January 1988 the Oregon Conference presented him with a Lay Preacher's Certificate. He has been preaching for 20 years now. "It provides a reason for living now that I am retired from the hassle of working."

Elsie (Landon) Buck BA '43 MMus '64 was presented with a certificate of appreciation by Music Educators National Conference for her outstanding contributions to the school music program. She was an honored guest at an "America Takes Note" assembly at the Lincoln Elementary School in St. Joseph, Mich.

Elvera Eckerman DP '42 BA '47 MA '61 is a retired teacher and lives in Redlands, Calif. Her "thing" is alphabetizing everything. She provided an alphabetized list of her many contributions to the church and community.

Josephine C. Edwards BA '44 still keeps appointments at camp-meetings and churches around the country. Last year she taught short story writing and public speaking at a community college. In April the house she was staying in caught on fire and burned to the ground. She awakened those staying in the house and they had just enough time to flee the house. She lives in Milton-Freewater, Ore.

James Van Blaricum DP '43, after almost 40 years of medical practice, finally retired. But he occasionally covers his son-in-law's practice and works at an Air Force Dispensary. His home is in Winchester, Tenn.

- 1950s -

Carl D. Anderson MA '57 (Potomac University) is head of the history department at Weimar College in California. He is also the author of three books. "After 54 years I still preach, teach and sing. I am 76 now." He and his wife, Bessie, have two children, Jean Calvert and Don.

Jean (Ketcham) Anderson BA '57 was promoted from therapist to clinical director at Odyssey Harbor Inc. in Keene, Texas. She has published her first book, a parent's self-help book "Seven Days to Better Discipline." Her second book is due for publication during summer 1988. Jean's husband, Clinton BA '63, has served assistant librarian at Southwestern Adventist College for the last five years. Previously he taught at Forest Lake Academy. Campion Academy and Wisconsin Academy. The Andersons have two sons. Perry and Dirk

David Cromwell BA '59 is a physician in Silver Spring, Md. He and his wife, Jillian, have four boys, Christopher, Chad, Britt and Daren.

Berneice (Warner) Garnsey BS '58 has taught elementary school since 1962. She is currently employed by Lake Ville Community Schools in Otisville, Mich. Her husband, Cecil, is an inspector for General Motors. The Warners have two sons, David and Gary.

Robert L. McClendon MA '58 BD '59 teaches for Goose Creek Schools in Baytown, Tx. He has continued graduate studies in education and theology. His travels include trips to Alaska, Mexico and Jamaica. Robert's wife, Janice, teaches at Lee College, also in Baytown. They have two children, Eric and Kerry.

Bernard E. Seton MA '56, at the time of his retirement in 1978, was associate secretary for the Euro-Africa Division and Trans-Africa Division. He also served as president of the British Union Conference and has written five Sabbath School lesson quarterlies and books. He and his wife, Marjorie, have two children and five grandchildren.

Jeanne (Hoover) Upton BA '55 is a private tutor. She and her husband, Tom, live in Caballo, N.M. They have one daughter, Linda.

Wyman S. Wager BA '50 retired in March as associate director of trust services for the General Conference. He and his wife, Myrna, have moved to Deltona, Fla. Their three daughters are Sharon Magan, Sandra Barber and Sheila Haynal.

Donald E. Walterhouse BA '53 is a CPA for Hall, Davidson and Associates in Murfreesboro, Tenn. His wife, **Nancy** (former student), is an administrative secretary. They have four children, Rebecca Howe, Audrey Wiedemann, Donna and Floyd Walterhouse.

Esther (Smith) Whitman BS '57 and her husband, James BA '58

own and operate a successful biotechnologies company in Silver Spring, Md. The company works on government, private and educational contracts, supplying biological material for procedures such as AIDS research and genetic engineering and doing microanalysis. Their son, Randall, manages plant operations at the lab.

1960s -

Walter Darby BA '66 recently joined Frank Conklin's dental practice at University Medical Specialties in Berrien Springs. For the past 10 years he has been working in the Detroit Better Living Center. His wife is a first grade teacher. The Darbys have one child.

Howard Hodges BS '62 teaches 9th and 10th grade science, business and computers at Livingstone Junior Academy in Salem, Ore. He also serves as vice principal and lay minister. His wife, Maris (Bliesath) (former student) is a medical assistant for three family practice physicians. The Hodges have three children, Pam Larson, Tim and Staci

Aurelia Rae Holman BS '60 MA '65 PhD '85 is director of migrant education for the Berrien Springs Public Schools. On May 12 she attended the 22nd Annual National Conference on the Education of Migrant Children as a presenter. At the same conference, at an awards luncheon. she received a certificate of merit from the U.S. Department of Education for the outstanding progress toward excellence in compensatory education in the migrant program. The Berrien Springs program was one of 13 programs to receive this distinction.

Shirley (Howell) Iheanacho BS '68 is administrative secretary to the president of Oakwood College. For four years she taught at the Adventist Seminary of West Africa. Her husband, Morris (former student), is librarian also at Oakwood College. His former appointments include head librarian at ASWA and librarian for the State of Michigan. Their children are Ngozi, Chioma and Akunna.

Elfriede Matejisik MAT '68 works in Chicago for the State of Illinois Department of Public Aid. He also teaches part-time. While studying for a doctor of philosphy degree at Ohio State University, Elfriede taught four years at a maximum/ medium security institution for repeat young male offenders. He now does prison visitation to a female institution. His hobbies include studying, travelling, photography and swimming.



Rae Holman (BS '60, MA '65, PhD '85), on left



Clinton J. Anderson (BA '63)



Jean (Ketcham) Anderson (BA '57)

Wilma (Doering) McClarty BA '61 MA '62 is professor of English/ speech at Southern College. The 1988 college yearbook was dedicated to her, citing her for "your creativity and sensitivity, your compassion and your untiring devotion to students, for your quick wit and quicker smile." Her husband, Jack MA '64, is vice president for development at Southern College. Jack also serves as regional president for the National Society for Fundraising Executives. The McClartys have two children, Julie VanRaden and Stacey Jack.

- 1970s ——

Jim Baumgartner BA '77 MAT '81 moved to Ferndale, Calif., in June of 1987. He and his wife, **Dawn** (former faculty), teach at Humboldt Bay Adventist School. Jim preaches regularly at their home church. The Baumgartners have two children, Eric and Heidi.

Larry D. Blackmer BS '78 MAT '82 is principal of Mt. Pisgah Academy in Candler, N.C. His wife, Sandra, is administrative secretary at the academy. Their daughter is Melissa Jean.

Stephen L. Burlingame BA '72 was re-elected president of Fraser Trebilcock Davis and Foster, P.C., the oldest law firm in Lansing, Mich. He continues to practice in the firm's business and corporate law departments.

Donna Marie (Bayer) Card BS '75 was appointed director of a new two-year registered nurse program in Columbia, Mo. The program is a joint venture of Columbia Public Schools and Columbia College. David BS '74, her husband, is senior design draftsman for Froeschner Assoc. They have two children, Joshua and Jennifer.

Elvis MA '79 and Judy (former student) Carey own and operate One-Stop-Shop, a variety store, in Nassau, Bahamas. Elvis worked previously as a teacher.

Gary R. Councell MDiv '71 and his wife, Joyce, live in Fairfax, Va. They have three children, Brenda, Terry and Larry. Gary is the first SDA military chaplain to work on staff in the office of Chief of Chaplains at the Pentagon. As Logistics Officer he oversees all 700 chapel facilities army-wide, equips and supplies chaplains and manages funds. He has received three Meritorious Service Medals for work as chaplain resource manager at Fort Lewis, Wash.

Galette Grogan BSW '76 is a child welfare specialist for the Illinois Department of Children and Family Services in Harvey, III. In April 1988 Galette received the "Director's Worker of the Year Award" for the South Cook County Region for excellence in work related to abused, abandoned and neglected children. She also serves as Cradle Roll leader for the Shiloh SDA Church.

J. Heather (MacKinnon) Gutman BS '77 is a homemaker and pastor's wife, living in Florence, S.C., with her husband, Mark MDiv'85, and two children. Mark is a pastor in the Carolina Conference.

Carol (Ambersley) Henry BS '74 is associate food service director for North York Branson Hospital in Willowdale, Ontario. She is also involved in cooking schools and health lectures at evangelistic meetings and works part-time as nutrition consultant in nursing homes. She has one daughter, Odette.

G. Douglas Herdman (former student) attended first grade through four years of college in Berrien Springs. He now practices law in Dayton, Ohio. Doug has been working with a 98-member Dayton area Pathfinder club. He also serves on the church school board and on Ohio Conference and Columbia Union committees for constitution and bylaws. His wife, Sharon (Tyson) (former student) is a registered dietician and president of Preferred Nutrition, Inc. They are parents of a "delightful, rambunctious toddler," Jared.

James Dwight Herod MDiv '79 is a minister for the Carolina Conference. He lives in Arden, N.C., with his wife, Janita, and two children, Jodi LaRae and James Courtney.

Katherine (Koudele) Joselin BA '79 MS '83 and her husband, Jeffrey BS '80, practice applied agriculture on their 190-acre farm in Blanchard, Mich., with 300 Suffolk sheep and 50 dairy cattle. Katherine received a doctor of philosophy degree in animal science from Michigan State University in March 1988.

Steve Lemon AS '78 BS '82 is controller for Town and Country Gas Service, Inc. in Coloma, Mich. His wife, **Debra (Goetzke)** AS '80 is a homemaker. They have one son, Michael Steven.

Janet (Wake) Lutz BS '78 MA '82 is assistant administrator of the Hanford Community Hospital in California, hired to develop a new wellness clinic. Her husband, Jerry MDiv '82 is pastor of the Porterville church.

Ben Maxson MDiv '76 DMin '84 is ministerial director and stewardship director of the Carolina Conference. He is also evangelism coordinator. Ben has copyrighted a seminar, "The Discipleship Lab," presenting it throughout the Carolinas and certifying ministers to teach the seminar. Mary, his wife, assists Ben's work by working with the pastors' wives, editing a newsletter for them and working as part-time secretary at the conference office. Their children are Laura and Benjie. Benjie "keeps the family from being bored with his mischievous ways.'

Grace (Taylor) Meyer BMus '75 lives in Katoomba, New South Wales, with her husband, Philip, and son, Philip Jr. She is a housewife and private teacher. Grace taught voice and organ for two years in a private school and now serves as organist for the Katoomba SDA Church. She recently gave a concert in the Katoomba Civic Hall. Philip is a switchboard operator and Amway distributor.

John J. Markovic BA '82 is working on a doctoral degree in Russian and Soviet history at Bowling Green State University in Ohio. He also serves as a teaching fellow there. His wife, **Vesna** BS '83 is an interior designer. They live in Toledo, Ohio, with their two children, John-Philip and Christianna



Galette Grogan (BSW '76)



Grace (Taylor) Meyer (BMus '75)



Wilma (Doering) McClarty (BA '61, MA '62)



Elvis (MA '79) and Judy (former student) Carey with son.



Abiodun Adesegun (BA '83) and wife, Olubusola Ireti-Ola Adesegun

Arthur N. Patrick MA MDiv '72 is senior pastor of the Avondale College Church in New South Wales. His wife, Joan (Howse) (former student) is a teacher at the Avondale Primary School. Arthur's previous appointments at Avondale include senior lecturer in the department of theology, director of the Ellen White Research Center and registrar. The Patricks have three children, Zanita, Adrielle and Leighton.

Lis (Jorgensen) Soule BS '73 is nursing supervisor of Hillhaven La-Salle Nursing Center in Durham, N.C. Her husband, John, is clinical research microbiologist at Duke University Medical Center. Their children are Johnnie and Traci.

Ernest BA '70 and Kathryn BS '67 Stromeyer live in Farmington, N.M., where Ernie is a self-employed dentist and Kathy teaches art to 54 students at the church school. Ernie flies to La Vida Mission once a month doing dentistry for the Navajo Indians. Both of them have Sabbath School duties. Kathy keeps busy cooking and baking for huges dinners—like the over 100 variety—also helps out in the dental office. The Stromeyers have two adopted children, Jill and Michael.

Richard M. Tibbits MDiv '74 was recently appointed director of pastoral services at Kettering Medical Center in Ohio. He is an adjunct faculty member at Fuller Theological Seminary in Pasadena, Calif., where he teaches a course to the doctor of ministry students in crisis counseling.

Carlotte (Gagnon) Torkelson BS '72 is juggling family and a career as director of nursing at Robertson County Health Care Center in Springfield, Tenn., as well as holding offices at their home church. Her husband, Jack, is an X-ray technician and also farms hay and raises goats and sheep. Charlotte's hobbies include herb gardening and word processing. The Torkelsons have two boys, Andrew and Timothy.

Linda (Sharpe) Weich BS '75 teaches home economics, health and language arts at Rangeland School Division in Hanna, Alberta. She also teaches Sabbath School in the adult and children's divisions. Her husband, Kevin, is a rancher/farmer. They have two children, Steven and Karla.



Abiodun Adesegun BA '83 is a salesperson for CPR Moore Ltd., and lives in Lagos, Nigeria. He serves his local church as elder, and lay activities leader. "By God's grace I married my five-year sweet-

heart on Monday, December 27, 1987." Her name is Olubusola Ireti-Ola. She is a staff nurse at Ogun State University Teaching Hospital.

Mukesh Aghi MBA '80 was appointed president of Dynamic Applications, Inc., in March 1988. He lives in Loma Linda, Calif.

Rachel Alexis BS '85 is an employee specialist. She lives in Kettering, Ohio.

Noble N. Asonye BA '83 teaches economics and commerce at Ibeku High School in Imo State, Nigeria. He is also a member of the Adventist Youth program and YMCA. He is also a football referee, enjoys lawn tennis, bird watching and jogging.

Steve Darmody MDiv '88 is program director of Satellite Trans-America Radio for the Southwestern Union Conference, Burleson, Texas. He is doing weekend music ministry with vocal concerts for churches, retreats and colleges. He was on "It Is Written" three times in 1987 and is currently aired on Three Angels Network. His wife, Joni (former student) is a medical transcriptionist. They have two children, Alan and Jaclyn.

Tore MA '82 and Marjorie BS '78 Draget moved to Nampa, Ind., in June 1988 from Norway. Tore is an elementary school teacher. Marjorie is a homemaker. They have two children, Elizabeth and Monica.

Randy Fishel BA '83 MDiv '88 is youth/university pastor at the Green Lake Church in Seattle, Wash. He is also chaplain to the students at University of Washington. Randy coauthored the book *Creative Skits for Youth Groups* and has just signed a contract for Volume II of the same. His writing has been published in various religious periodicals. **Diana Fishell** BS '82 is a homemaker.



LeBron (MDiv '80) and Cathy (BS '80) McBride



Michael A. (MDiv '83 and Lynn (BS '79, MAT '81) Smith with Nashanda and Shane.



Noble N. Asonye (BA '83)



Edwin M. Galan (BS '81) with wife, Alicia, and son, Joseph

They have one son, Tyler Benjamin, born in February 1988.

Edwin M. Galan BS '81 is a nurse officer employed by the U.S. Public Health Service in charge of a medical facility with the federal Office of Refugee Health. He and his wife, Alicia, were active in starting a new Spanish church in El Centro, Calif. They enjoy photography, volunteer work, travelling and learning about being new parents from their son, Joseph, born October 1987.

Timothy S. Hart BIT '81 is owner of Hart Aviation in Maui, Hawaii, and Ozark Air Parts in Mountain Grove, Mo.

Martha J. Ives MS '84 was appointed associate director for nursing services at the University of Texas Health Center at Tyler. She directs a nursing staff of more than 200 who provide care for heart and lung patients. Previous appointments include manager of nursing, physical therapy and cardiopulmonary departments at Carson City Hospital in Michigan, associate administrator at Maple Lawn Medical Care Facility, also in Michigan, and nursing instructor at the University of Michigan.

LeBron McBride MDiv '80 is minister of Forest Hills United Methodist Church in Quincy, Fla. He and his wife, Cathy BS '80, recently completed graduate work at Florida State University. Cathy received a master of social work degree and LeBron received a doctor of philosphy degree in marriage and family therapy. Cathy plans to continue work in family therapy. She has had more than 25 articles published on a free-lance basis in popular magazines. LeBron's dissertation was titled "The Association Between Participation in Alcoholics Anonymous, Abstinence Patterns, Family Member Attendance of Al-Anon, Family Stress and Family Functioning.

Chimezie A. Omeonu BA '84 is doing graduate work in guidance and counseling at the University of Ibadan in Nigeria. Previously he served as secretary of the church ministries department at the Adventist Seminary of West Africa, then secretary and graduate assistant of the religion/theology department.

Enilson Sarli MA '84 is a school principal for the Greater New York Conference. His wife, Ruth (former student) is a physical therapist for Columbia Medical Center.

David M. Scheider MDiv '83 is a military chaplain assigned to Fort Drum, N.Y. He previously served as a pastor in the Ohio Conference. He and his wife, **Beverly (Futcher)** BA



Helen Truss (MS '85)

'77 BA '82 have two children, Jessica and Brendan.

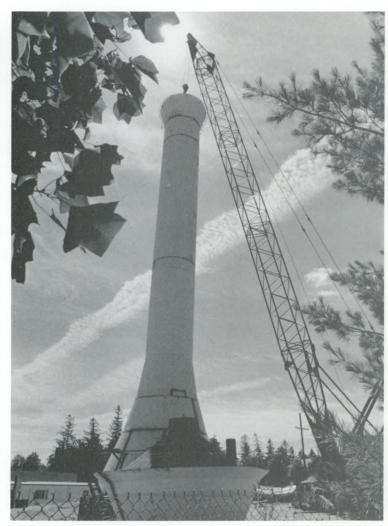
Edwin M. E. Smith MAT '85 teaches art at the Bermuda Institute in Southampton, Bermuda. He is a member of American Image, freelance photographers. His hobbies are golf, photography and pottery. Edwin's wife, Shirley, besides her work as housewife and mother, has a cake baking and decorating business. They have one son, Stefan.

Michael A. Smith MDiv '83 is district pastor for the Bahamas Conference. His wife, Lynn BS '79 MAT '81, is principal of Grand Bahama Academy. Previously they worked in the Cayman Islands. Lynn was principal of the mission church school and Michael pastored two churches. The Smith's children are Nashanda and Shane.

Datha (Krpalek) Tickner BS '83 teaches physical education at Monterey Bay Academy in California. Her husband, Paul BS '86, is an intern architect for Bolton Design Group in Carmel, Calif.

Helen Truss MS '85 is associate professor of nursing at Nazareth College in Kalamazoo, Mich. She was recently appointed by Gov. James Blanchard to the Michigan Women's Commission, established in 1968 to inspire interest in and recognition of women. Previously Helen worked as the director of continuing education at Borgess Medical Center and as an instructor at Bronson Methodist Hospital, also in Kalamazoo.

Randall O. Wylie MDiv '86 is associate pastor of the Santa Barbara Church in California. Randall is also putting together a seminar for his church on lifestyle evangelism—how to witness in non-traditional ways by making non-Adventist friends and sharing Jesus with them naturally. His wife, Susan, is a housewife and caterer.



Standing 100 feet tall the stem of Andrews' new water tower is an impressive sight. When the 45 foot diameter ball is added, the tower will hold 280,000 gallons of water—approximately one day's supply for the campus. Purchased from Delco Electronics in Kokomo, Ind., the university saved many thousands of dollars by getting a used tower.



Present to receive doctoral degrees at June graduation were, from left, front row: Flavia Jorge; middle row: Joseph Addai, Garnet Spence, John Waters; back row: Cris de la Cruz, Bruce Youlden, Zebron Ncube, Norman Yeager.

At Random-

with Roy E. Vartabedian

How the Cooper Aerobics Center Motivates for Lifestyle Changes

The Kenneth Cooper Aerobics Center is an impressive place. It is located in north Dallas, Texas, on 30 acres of attractive grounds. We have trees, ponds, ducks and walking/jogging trails. The Aerobics Center Guest Lodge is a four star hotel; everything is first class.

Motivation begins when you walk through the gates because you get this feeling of serenity and tranquility. There is always someone on the track. Someone who is older than you will jog right past you. There's no smoking on campus; everything is upbeat and positive. So a big part of motivation is just the environment here.

"It's not so much that we die," Dr. Kenneth Cooper, founder of the Aerobics Center, often tells our guests, "we kill ourselves. The three things that age you the fastest are cigarette smoking, obesity and inactivity."

If Dr. Cooper sounds like an evangelist, well, he is. He's a health evangelist preaching both physical and spiritual health components in his writing and speaking. The most widely recognized leader in the field of preventive medicine today, he is driven by his compulsion to convert the world to his wellness philosophy, to improve the quality of life and to decrease medical costs.

His Aerobics Center features four components:

 the non-profit Institute for Aerobics Research, where scientific studies in preventive medicine are carried out.

2) the Cooper Clinic Preventive Medicine facility, where a comprehensive, six-hour preventive medicine physical is given to patients who come from all over the world.

3) the Aerobics Activity Center, a health club for local Dallas members.

4) the Aerobics Center Guest Lodge—where I work, which houses the In-Residence Programs and guests who come to the Aerobics Center.

As director of the In-Residence Programs, I work at fulfill-

ing a long-time dream of Dr. Cooper's and also mine, and that dream is developing a program to help people change their lifestyles with a hands-on approach.

The In-Residence Programs last for 13, seven or three days and incorporate a comprehensive preventive medicine physical and emphasize weight loss, nutrition and exercise education, stress management, smoking cessation, preventive and therapeutic medicine, and total well-being in a supportive, live-in environment.

When people . . . realize that their lifestyle is a life-and-death situation, they become . . . a bit more motivated.

Our clientele are mostly high level professionals with an average age of 48. Approximately 60 percent are male.

We motivate people by telling them the stories of other participants. For example, we tell them about Dr. Phil, a doctor of osteopathy, who came because he knew he was in bad shape. When scheduling wouldn't allow him to get into a weekend program, he reluctantly entered a two-week program. He went through the program, lowering his cholesterol/HDL ratio from a high risk 11.5 to 6.5 (which is a tremendous decrease but still high), went back to his practice, got in the same rut as far as stress was concerned, had a heart attack, nearly died and then came back to the Aerobic Center for three weeks

"Phil, how did you get three weeks off away from your practice?" I asked him. "I know how hard it was for you to get two weeks off the first time you came through."

"Roy," he told me, "no practice is worth dying for."
And that's exactly how it

works. When people come to the point where they realize that their lifestyle is a life-and-death situation, then they become a bit more serious and a bit more motivated. Once they get here, they become converted day by day to our philosophy. Because they feel so much better—like they were 10 or 20 years younger—they start to forget about how they have been living and realize that a balanced lifestyle is really the way to go.

To motivate for changing eating habits, we show people that they don't have to deprive themselves. The menus and diets are palatable, and the food is presented in an appealing manner using colors and taking up volume on the plate. We use gourmet style techniques in cooking, and we present many lectures on nutrition. The staff eats all the meals with the guests, answering such questions as how we prepare the food. Because we are following the program with them, they know that they have not just been sent somewhere to be deprived.

To motivate people to continue exercising after they return home, we get them started with 5k or 10k runs and ask them to set a goal for improvement. We want them to participate in any activity that can be sustained for long periods of time using the major muscle groups.

In our orientation for the program, I show a before and after picture of Dr. Woody, a dentist from Colorado. What he did is just unbelievable—what I call a "body metamorphosis." When he came to our program, he weighed 233 pounds with 29 percent body fat. Five months later, his weight was down to 188 pounds with 18 percent body fat. He just totally recreated his body from flabby fat into a trim, fit, toned new man.

We try to maintain people's motivation by explaining to them that lifestyle change is a long-term process that requires much patience. An oil executive entered our program because of stress caused by the slump in the oil business. He did everything right. But during the whole two-week program, he lost only three pounds. Yet his attitude was good because he was patient. "I don't care if I've lost

only three pounds," he said.
"It's what I do after the program
that counts." Eventually, he lost
81 pounds and 10 inches from
his waist.

We motivate by example. Every day that he's here, Dr. Cooper's clients see him practicing what he preaches. He runs after work out on the track for two or three miles a day, about five or six days a week. He hasn't missed five consecutive days of exercise in the past 20 years. He prides himself on that.

One of Dr. Cooper's major interests right now is working with school children. We are finding that while we adults are getting interested in health, we are not transferring that interest to our children. He's done studies which show that since 1975 the fitness levels of our children have been declining in all of the parameters by which we measure fitness.

We have found at the Aerobics Center, that what motivates people—whether adults or children—to practice a healthy lifestyle, is not that they will live longer, but that they will feel better and enjoy a better quality of life.



Roy E. Vartabedian

Roy E. Vartabedian graduated from Andrews University in 1977 with a B.S. in health and a B.A. in business administration. In 1980 he received a D.H.Sc. and an M.P.H. in nutrition and health education from Loma Linda University. He directs the In-Residence and Community Wellness Programs at the Cooper Aerobics Center in Dallas. Texas.

Brushing the Past into Life

by Craig van Rooyen

athan Greene uses oil and canvas to change a fairy tale past into real life. As the artist commissioned to paint the 89-foot long mural, which will accompany a display of artifacts at the Siegfried Horn Archaeological Museum, Greene sees his task as one of demythologizing the past.

"For many people ancient history is an unimaginable fairy tale," says Greene. "The whole story of the Bible to them is almost beyond belief. But the Bible stories are real. Jesus was a real person. With this mural, I want to make the scenes imaginable. I want people to grasp the past through my art."

Greene, a former student at Andrews University, also studied at the American Academy of Art in Chicago. Presently he works out of a studio in the remodeled basement of his Eau Claire, Mich., home, illustrating magazine covers, textbooks and book covers. Greene regularly illustrates for Childrens Press, Scott Foresman Publishing, Billy Graham Association, Christianity Today, Review and Herald Publishing Association, Pacific Press, Tyndale House, and Scripture Press. Samples of his work can be seen at a local Adventist Book Center on the covers of recent books such as: Leah, a Love Story, Light the Lantern Daughter, Heck and the Deacon, and Comrades of

Greene is a perfectionist and will not tolerate inaccuracy in his historical paintings. Before he even started the preliminary sketches for the eleven-panel mural, he spent five months researching the historical periods he is depicting. One corner of his studio resembles a library more than an artist's workplace. History books starting with the Bronze Age and moving through the Islamic Period are stacked high in piles. "As an illustrator I tell stories with my paintings," Greene says. "But I also feel a deep responsibility to historical accuracy."

Renowned Adventist artist Harry Anderson gave Greene his costume collection, and Greene's wife Patty sewed more costumes based on Greene's research. He chose people from the Eau Claire Seventhday Adventist Church to model for him, dressing them in the costumes and taking over 1,000 photographs from which he painted the characters on the mural.

Although Greene pays great attention to detail and historical accuracy, the mural will not merely be a documentation of the past. "I try to add drama," he explains. "People want to see realism, but not stiff realism. I don't want my paintings to look like photographs." He uses abstract light and dark masses in his paintings—methods he says he has learned from seasoned illustrators like Norman Rockwell, Harry Anderson, and



Nathan Greene in his studio

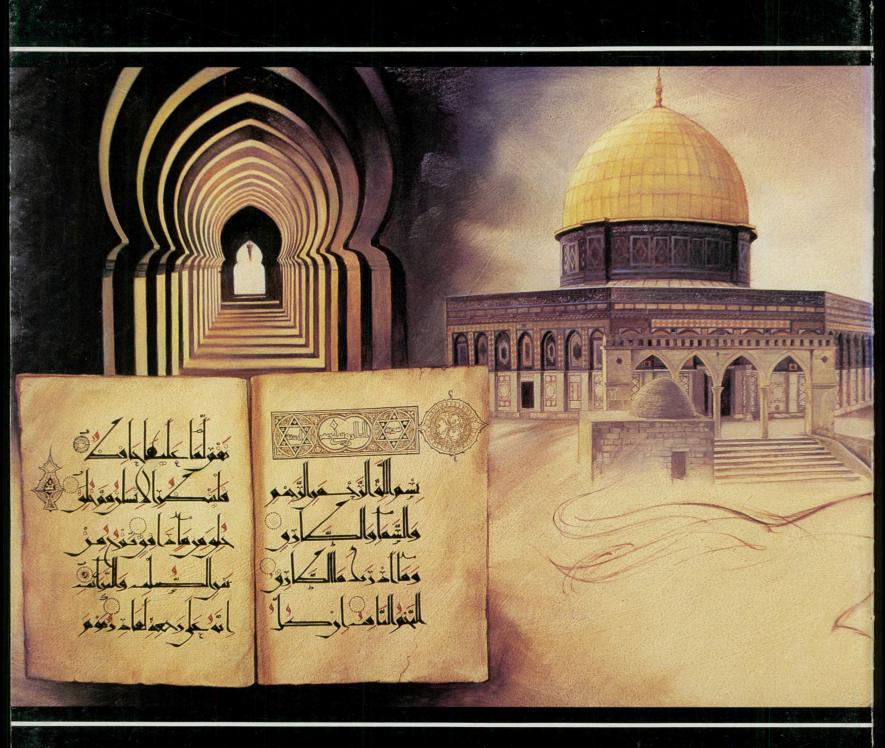
N.C. Wyeth. In many of the panels he has included examples of the art from the particular period depicted. "I wanted to show both the way we perceive life during that period, and the way people from that time perceived life," Greene says.

The mural, which Greene hopes to complete in September after working 14 months on it, is not "just another job." He embarked on the project because he wanted to make a spiritual impact on people's lives and influence what they believe about the Bible. He prays before he works, and says, "Sometimes when I'm really tired and drained, I'm amazed at what can happen on the canvas. I really think the Lord is

Greene has donated his eleven preliminary black-and-white drawings to the Horn Museum to be given to people who donate \$2,000 or more to the project. He has a deep-rooted interest in biblical and archaeological projects and wanted to make a personal contribution to the Horn Museum. He hopes the mural will eventually become an Andrews University symbol, much like the sculpture in front of the science complex. The unveiling ceremony will take place on October 29.

After he completes the mural, Greene will return to the free-lance work that he has put on hold for over a year; however, he intends to continue doing historical illustrations.

"As an illustrator I tell stories with my paintings, but I also feel a deep responsibility to historical accuracy."—
Nathan Greene



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