A Cure for Metal Poisoning
Breakthrough in Hope Labs

An "impossible" feat—the complete removal of radioactive plutonium, one of the most poisonous substances known, from the bodies of animals has been achieved by Hope College scientific faculty members.

This unprecedented accomplishment includes the virtually successful treatment of poisoning from non-radioactive metals such as cadmium, which poses serious environmental and industrial hazards.

As reported in the Sept. 28 issue of Nature, the prestigious international science journal and announced at the on-campus press conference, professors Jack Schubert and S. Knight Derr, with support from the United States Department of Energy, applied a new treatment for metal poisoning based on concepts developed previously by Dr. Schubert called metal ligand chelate (MLC) therapy.

Mixed ligand chelation therapy opens a new era in the treatment of metal poisoning, according to Drs. Schubert and Derr. They also improve the importance of metal contamination in many areas of fundamental importance—the transport of metals from soil to food, the role of metals in health and disease, and the mechanisms of cancer induction by radioactive isotopes.

Serious environmental and industrial hazards associated with this release of radioactive and non-radioactive metals are becoming an increasing threat to mankind and to the ecosystem. Now, it has been noted, effective chemotherapy treatments for metal poisoning, said Dr. Schubert.

"Our research to date has resulted in hitherto unparalleled achievements using MLC treatment; namely complete removal of tissue deposits of plutonium and prevention of mortality in animals given lethal doses of cadmium."

One component of the revolutionary new treatment includes salicylic acid, the active ingredient of aspirin.

Current treatment for plutonium and other metal poisons utilizes molecules called chelating agents which seize and hold a metal ion in a clawlike grip (Chele from the Greek meaning claw). The stronger the grip, the more effectively the chelating agent removes metal from tissue.

In mixed ligand chelation therapy, a selected combination of two chelating agents are chosen so that both grip the same metal together forming a single unit. This results in an astonishing increase, sometimes in the trillions, in the strength with which the metal is held compared to chelating agents such as DTPA and EDTA which are currently used to treat people.

Two of the most effective mixed ligand chelate systems tested by Drs. Schubert and Derr are combinations of DTPA plus salicylic acid for cadmium, and DTPA plus salicylic acid for plutonium. In one of their experiments, Dr. Schubert and Derr injected mice with a solution of plutonium salt. Three days later they began treatment twice weekly by injecting the mice with a solution containing a mixture of DTPA plus salicylic acid. Within four weeks, all of the plutonium in the bone and liver had been removed and then eliminated in the urine and feces. This result has never been attained or approached by any other treatment.

We are not talking about a difference of a few percent. We are talking about something of great magnitude," Schubert said during the press conference.

In experiments with non-radioactive elements, mice were given 100% lethal doses of salts or metals such as cadmium, nickel, iron, and copper. The animals given currently-recommended chelating agents died, while all those given ligand chelate treatment survived.

Schubert and Derr’s research has implications for treating certain genetic diseases, such as Wilson’s Disease, in which an abnormal amount of copper resides in the body. By a reverse application, MLC therapy could also be used to treat arsenic poisoning, a major cause of accidental death among children under two years of age.

MCL therapy could also be used in provocative treatment to determine the amount of radioactive plutonium built up in the bodies of those regularly exposed to the substance, such as atomic power plant workers.

Dr. Schubert came to Hope in 1977 as professor of environmental health sciences. He is a member of both the biology and chemistry departments. He is internationally known for his scientific accomplishments in radiation chemistry and in the theory and practice of chelation treatments for metal poisons.

A native of Chicago, he continued on page two.

Health Dynamics Diary: The Testing Begins

This issue of News from Hope College continues with excerpts from the daily journal of Dr. DietReeke, a freshman from Orlando, Fla., enrolled in the new Hope-Kellogg Health Dynamics program. During the past weeks, Health Dynamics participants have been engaged in the academic component of the program, receiving accurate information on diet, nutrition, and the effects of regular exercise. The knowledge gained in class prompted Dr. DietReeke to begin choosing more nutritious foods at Saguaro and in mid-September he set a goal of running a mile each day. Although studies predicted DietReeke’s running ability, he was able to take time out several times each week for this activity. His initial time was 6 minutes 31 seconds, and he hopes to cut that by at least a minute before the semester ends.

Although DietReeke had gained much new information on health, a true-life test in late September proved there was more to learn.

Sept. 27, 1978

Some experts believe that diet-related diseases will be the number one health problem in the U.S. unless radical changes are made in people’s diets.

Answered true from the information I’ve
A Cure for Metal Poisoning

continued from page one

Professor Schubert makes points during press conference announcing a successful treatment of poisoning from metals.

Health Dynamics Diary

continued from page one

In order to be healthy a person should eat some red meat, fish or poultry each day.

A relatively simple way to get more iron is to use iron cooking utensils.

In late October Dink's class began a three-day physiological testing session in the Health Dynamics laboratory in the Dow Center.

November 6, 1978

A new dimension of Health Dynamics began today. For the remainder of the semester we will be involved in some type of central exercise program. We chose from three different exercise areas—running, swimming and dance.

Because I can't swim or dance well, I choose running. We meet Gordon Bremer, our director, and run through the afternoon. The weather is wet and cloudy

DESSERT AT HOPE, TROUGH-STYLE: Student Congress recently staged a human-sized extravaganza to earn money for the expansion of the Phelps Hall dining room. For a cost of $5, student could gain access to all the sundaes and the event brought in $12, according to Student Congress President David Lash. Student Congress is also sponsoring a Room Deposit Pledge Drive and a Faculty Auction in an attempt to meet a $25,000 matching grant from the Sobe Foundation. The proposed expansion will include the seating capacity of the Phelps Hall dining room from 300 to 500, and provide new serving areas and modern furnishings.

Expand Pre-engineering Program Course Offerings

The first indication of Hope's expanded pre-engineering program in pre-engineering education was made last fall when an engineering faculty member, Dr. Robert Norton, was added to the faculty. The second indication has been the introduction of two new classes to the seminar class schedule.

The new courses complement a pre-engineering laboratory Hope has offered for many years to students who want to become engineers. In cooperation with several leading universities, Hope students can earn, within a two-year span, both a liberal arts education and professional engineering training. Participants in these programs earn the bachelor's degree in engineering and the master's degree (depending on the program elected) in engineering from the cooperating institution.

These traditional programs, known as the 3-2 and 4-1, will continue unchanged. However, the presence of Dr. Norton and his new courses will more fully prepare Hope students for their subsequent work at engineering schools.

The new courses will initially consist primarily of lectures, with practical experience gained through visits to local industrial organizations and through demonstration experiments.

Dr. Wettack, dean for natural and social sciences, points out that in addition to better preparing students for engineering schools, the new courses also give students exposure to engineering at an early point in their academic careers. In the past Hope engineers have not been able to begin such exposure until the junior year.

A student interested in this program will visit with the Hope engineering director, Dr. Wettack, and seek specific information about the course work required for engineering schools.

A new spectrometer

Enhances Hope Science Program

Hope recently received its newest addition to a rapidly growing array of high-quality scientific instruments.

The delivery of the new Varian FT-80A Fourier transform spectrometer, having a value of nearly $100,000, places Hope among a select number of universities in its ability to service the rapidly growing analysis of modern scientific instruments.

Hope is the only four-year college in this country to possess such sophisticated instrumentation. Leading the effort is Michael P. Doyle, chairman of the department of chemistry.

The newly-acquired instrument is computer-controlled and provides analysis for nearly 50 non-radioactive chemical nuclei.

Purchased with a major funding contribution from the National Science Foundation, the spectrometer will have a substantial impact on research and development in diverse areas of chemical and biochemical investigations. In addition, the spectrometer will allow Hope to enhance practical educational opportunities for its students and to significantly increase its service capabilities to local industry and government laboratories.

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PUBLISHED FOR ALUMNI, FRIENDS AND PARENTS OF HOPE COLLEGE.

Sponsored by Hope College, Faculty of Science and Engineering.

For the remainder of the semester we will be involved in some type of central exercise program. We chose from three different exercise areas—running, swimming and dance.
The formal dedication of the new Dow Health and Physical Education Center occurred inside the spacious $3.6 million facility, but it was an outdoor activity over Homecoming weekend that truly demonstrated the philosophy behind the building.

An estimated 700 people participated in the first Hope Run-Bike-Swim, a marathon-of-sorts designed to appeal to the competitor as well as the person interested in running, biking or swimming at the recreational level.

Conceived by Glenn Van Wieren of the physical education faculty and supported through a grant from ODL, Inc., of Zeeland, Mich., the Run-Bike-Swim attracted the young and old, the fit and the not-so-fit.

Mother pushed infants in strollers along the one-mile run and/or walk course. Another ingenious fellow covered the 10,000 meter competitive running course on roller skates.

There was a lot of splashing in Kresge Natatorium as competitors raced 800 meters while others participated in a fitness fun swim. Cyclists covered a 10,000 meter course while recreationalists followed a 12-mile scenic lake tour.

Everyone went home a winner. The top finishers received wooden shoe trophies (what else?) while all competitors received commemorative Hope Run-Bike-Swim t-shirts and patches.

The positive response to the event has caused the physical education staff to investigate the possibility of making it an annual Homecoming weekend event.
A Continual Striving for Balance

by George Ralph
Chairman, Department of Theatre

Balance surely one key principle in establishing any performing arts program. A single theatre season must ensure balance in terms of "light" versus "heavy" shows, a variety with respect to comedy and tragedy and that in-between range of what we tend to call simply "drama." And this balance must be sought with both the theatre's particular public and the capabilities of the company and staff—here the students and their teachers, directors and coaches—in mind. Of no little significance in determining the appropriate balance are budgetary considerations, and the technical requirements of each production in a season's series. Fifty elaborate period costumes to be designed and constructed for each of these shows in a row will kill off the members of a costume department before the season is even well under way.

Balance is a critical factor in planning beyond the single season. Since the middle of our fall semester, Hope College's Theatre Council (the faculty, staff, and elected student representatives) has been at work to establish both the 1978 summer repertory season and the 1978-79 academic-year, or "winter," season. Of special concern in this process is providing our audience with a stimulating variety of plays, representing the best of contemporary works and the important historical periods of theatre history, as well as giving our students and faculty an opportunity to have an opportunity to share in the educational and informative role in theatrical styles and traditions. To achieve the latter purpose, the theatre department has for the last seven years checked its proposed yearly season against a "four-year plan" which specifies the kinds of productions every student is expected to have an opportunity to be a part of his or her four-year undergraduate liberal arts career.

And we have just this year addressed the problem of balance in our program in another respect. Our goal of bringing theatre of quality and variety to the campus and to the larger Holland-area communities must always be viewed against, or in the context of, our obligation to train our major students in the arts and skills which they will hope to develop further in graduate programs or to play out there in the "real world." The four productions we have mounted each academic year have required that we begin to be concerned with "polishing" our product for putting paying audiences as soon as work on each show has started. This series of "opening" deadlines, of course, has severely limited the time our staff and students have had to explore a script, as well as created a particular exhausting schedule for both on- and back-stage personnel.

In order not to short-change our students, who thus early in their careers require time for learning and artistic maturation, this year we have reduced our public performance commitments from four to two productions. Each semester, as in the past, two productions are "staged," but the second show is not scheduled for performance. The entire term can be devoted to making discoveries about the play and about the process of moving from casting through rehearsal to the final performed "product." As a result of this we have made our opening "deadlines" of our rehearsal, design, and construction time at the end of the working-week, be presented for a small audience, or for the general public. And there is no longer the pressure to meet an opening-night deadline, and the educational worth of the experience may be acknowledged and the show then simply dropped.

The benefits of the new season accrue also to the productions scheduled for public performance, in the longer period available for their rehearsal, design, and construction. It is expected that these productions will be of higher artistic quality as a result of this approach. And each of the productions can now be scheduled for more performances where possible under the new schedule.

To take advantage of the greater flexibility and the new opportunities under the new program, some slightly difficult and challenging scripts have been chosen for the current season. In November and December the Hope College Theatre presented Henrik Ibsen's The Wild Duck, during the year commemorating the 150th anniversary of the Norwegian dramatist's birth. The student cast spent long hours delving into the complex characters and their intricate interrelationships. Director, designers, and actors together sought ways to create for the audience高度的theatre realism for which ibsen has the "father of modern realism" is famous and the symbolism which he was increasing at the point in his career undertaking to embody in his work. The efforts were rewarded in the warm reception which the audience gave to the production.

This production also marked the beginning of the Hope Theatre's Audience Education Program. Three community residents—Dr. James Cook of the Western Theological Seminary, Daniel Vander Ark of the English faculty at Holland Christian High School, and Hope alumni Jackie Donnelly—are exploring ways of assisting our audience in coming to grips with social and ethical issues raised in the plays presented in the college theatre. The discussion which they led following the December performances, The Wild Duck, explored the playwright's thematic use of blindness and darkness, and the question of whether a "life-line" may be more useful than knowing all truth. The Wild Duck was the first of the four productions accepted as a result of this "audience dimension" program.

The second-semester production, in late March and early April, will be The Tempest. This last fall Shakespeare-comedy is a perfect setting and visual effects, and will employ original music composed for Hope's production and original photography controlled by two guest artists-in-residence who have yet to be named.

The financial support provided through the Hope Theatre Patron Program makes possible such special projects as the guest theatre artist series, awards to students recognizing their achievement in theatre art, and the acquisition of technical equipment, as well as general support of the Hope Summer Repertory Theatre. The Hope Patron Program has been progressBarable as has the newer Hope Theatre Guild, an organization of community members and women who provide such services as hosting post-performance receptions, managing a Guild store for the summer theatre, and greeting and guiding new audience members at the theatre's productions.

Granting advanced design students the opportunity to take responsibility for major season productions has been a policy of some standing, and the tradition has continued this year with senior Carol Anderson (a double art and theatre major) designing the setting and senior Cindy Lee designing the costumes for The Wild Duck. Last year, for the first time student directors were given this same opportunity, with the two second-semester productions staged respectively by seniors Susan Moore and Kevin Kelly. This spring senior Dan Huizenga will take a large share of this responsibility as assistant director for The Tempest.

The results of such opportunities as these can be seen in the careers of recent graduates of the Hope theatre program. 1978 graduate, Lighting designer for John Houseman's Drama Division of the Juilliard School of the Arts, Beverly Keesing, was recently honored in 1977 has moved from copywriting to the position of reporter-interviewer for Grand Rapids television Channel in addition to managing theatre management, design, or technical theatre, in professional, community, and educational theatre. We were grateful for the recent Broadway debut of actor Tom Stechschulte, graduate of Ohio State University, after his four years as a member of our summer repertory company.

Our faculty, too, has been busy professionally. Designers Richard Smith spent the past summer as one of the two applicants from the North American continent accepted into the master class conducted by Czech scenic artist Josef Svoboda. Donald Finn is completing his two-year term as Regional Chairman for the American College Theatre Festival. Finn will direct The Tempest this spring, with George Ralph again, as for past Shakespeare productions, serving as vocal and interpretive coach, and Smith taking responsibility for scenic and costume design. Lighting designer Michael Grinstaff, in addition to managing the Hope College and Holland Concert Association Great Performance Series, has served as lighting consultant for local businesses.

John Tammi, founding director of the Hope Summer Repertory Theatre, again served as director for the 1977 and 1978 summer seasons. Tammi staged the recent production of The Wild Duck. Patricia Vandenberg, Blom, member of the staff, serves as director of the Hope Theatre Guild and assistant costume designer, and was head costume designer for the past summer season theatre. As part of her doctorate in costume design to be received from the University of Michigan, Department chairman George Ralph plans to complete any of the two seasons. A comparative study of dramatizations of the Biblical Book of Jonah.

Students and staff were pleased with Adjunct Professor Burr Tillstrom's recent return to the legitimate stage—with his creations Kudla and Oliver—to appear in Side by Side by Sondheim.

The challenges are always new. The arts are continually an existing place to be. We in the theatre look forward to tomorrow's opportunities for innovation, and the unanticipated ways in which we will be required to establish the "balance" which must govern the pursuit of our several educational tasks.
Arts Calendar

JANUARY
19 Grand Rapids Windwood Quintet; Wichers Auditorium, 8 p.m.
25 Young Concert Artist; Robert Rouch, hornist; Wichers Auditorium, 8 p.m.

FEBRUARY
1 Student Recital; Dimmitt Chapel, 7 p.m.
2 Early Music Ensemble; Wichers Auditorium, 8 p.m.
8 Young Concert Artist; Chang, Kogan, Carr Trio; Dimmitt Chapel, 8 p.m.
9 Senior Recital; Tom Langejan, percussionist; Jan Poppert, soprano; Wichers Auditorium, 8 p.m.
11 Faculty Chamber Music Concert; Wichers Auditorium, 4 p.m.
16 Senior Recital; Carolyn McCall, soprano; Wichers Auditorium, 8 p.m.
18 Delta Omicron Musical; Wichers Auditorium, 4 p.m.

MARCH
1 Guest Recital; Barbara Lynn Norwood, organist; Dimmitt Chapel, 8 p.m.
4 Guest Recital; William Krupke, hornist; Wichers Auditorium, 4 p.m.
6 Great Performance Series; Ralph Votapek, pianist; Dimmitt Chapel, 8 p.m.
8 Student Recital; Dimmitt Chapel, 8 p.m.
11 Faculty Chamber Music Concert; Wichers Auditorium, 4 p.m.
23, 24 Play—The Tempest by Shakespeare; DeWitt Cultural Center, 8 p.m.
23 Senior Recital; Marie Montanari, flutist; Wichers Auditorium, 8 p.m.
27, 28, 29, 30, 31 Play—The Tempest by Shakespeare; DeWitt Cultural Center, 8 p.m.

APRIL
12 Student Recital; Dimmitt Chapel, 7 p.m.
20 Senior Recital; Mark Hulseboe, saxophonist; DeWitt Cultural Center, 8 p.m.
21 Great Performance Series; Grand Rapids Symphony Orchestra; Holland Concert Band & Center of the Arts, 8 p.m.
29 Concert; Hope College Chapel Choir; Dimmitt Chapel, 8 p.m.
29 Concert; Hope College Band & Holland High School Band; Holland High Auditorium; (afternoon)
30 Guest Recital; Baroque Ensemble; Wichers Auditorium, 8 p.m.

Vespers on the Air

Approximately 60 radio stations throughout the country will broadcast at one hour time of this year's Christmas Vespers. You should consult the station in your area for date and time.

Stations that had notified Hope College of their intentions to broadcast the program as of Dec. 1 were:

- WKQX, WNAQ, WIBQ, WML, WMT, WTVX, WTVY, WTVZ
- WTVB, WTVS, WTVT, WTVW, WTVN, WTVT
- WTVU, WTVS, WTVT, WTVN, WTVT
- WTVB, WTVS, WTVT, WTVN, WTVT
- WTVB, WTVS, WTVT, WTVN, WTVT
- WTVB, WTVS, WTVT, WTVN, WTVT
- WTVB, WTVS, WTVT, WTVN, WTVT
- WTVB, WTVS, WTVT, WTVN, WTVT
- WTVB, WTVS, WTVT, WTVN, WTVT
- WTVB, WTVS, WTVT, WTVN, WTVT

Hearts of the arts
Contract for Self-determination

Gayle Boss, a senior from Charleston, Mich., is enrolled in a little-used but significant option in the Hope College degree program. This alternative program for self-directed students, the contract curriculum, may replace certain requirements in a majors program, or, in its broadest use, may replace the College's general core curriculum requirements.

According to Registrar John Huisken, it's possible to use the contract curriculum throughout almost the entire college career or for a single semester's project. A special committee must grant approval for the contracts.

The contract curriculum rests on several assumptions, notes Huisken: "First, there are some students who are not only capable of, but eager for more self-determination in their education. Second, the current presupposition that students ought to learn broadly at first and then proceed to greater and greater specialization is not necessarily valid for all students."

This semester Gayle is learning off-campus at the Center for Southern Folklore in Memphis, Tenn., a non-profit organization for the purpose of recording—largely on film, but also in print—southern culture and history via personal perspectives. The Center's two founders say that America is at the beginning of the end of an era and that within two decades "the last voices of pre-industrial culture will be wiped out." With a full and part-time staff of just 22 members, the Center is racing against time in its attempt to capture on film people such as Othar Turner, a black cane fife maker and player, and Ray Lum, a muscian (who died shortly after the Center had filmed his recollections).

Gayle reports that she has been involved in the day-to-day operations of the Center, including the editing of a promotional slide-tape presentation recently shown at the Memphis Arts Academy, and interviewing Memphis veterinarian and developer of oral history projects. The use of mass media to tell "people stories" is what first attracted Gayle to the work of the Center. A mass communication major, she hopes to eventually record Michigan folklore using techniques like those of the Center. While in Memphis she is also shooting footage of local jazz clubs as an independent project.

Gayle describes her semester as "one of constant activity and responsibility," and believes that Hope College's commitment to tailor its programs to the needs of the individual.

Further information on the contract curriculum in the program may be obtained from Jon Huisken, registrar, Hope College, Holland, Mich. 49423 (616) 392-5111, ext. 2021.

Louisville Semester Stresses Holistic Approach

The following story on the Louisville Program continues a News from Hope College series on off-campus study opportunities for Hope students.

"Hope students participating in the Louisville semester have extraordinary opportunities to see up close what it takes to be a medical student in a psychiatric setting," says Dr. Philip Van Eyl, chairman of the psychology department which has responsibility for coordinating the Louisville Semester program.

The Louisville program is designed for advanced students in psychology, sociology, biochemistry, microbiology and pre-med programs. Since Louisville General Hospital is located in the inner city, there are also opportunities to be involved in urban mental health and human services problems relating to the course, while gaining experience in psychiatric services.

Van Eyl notes that students have access to patients' files, attend staff meetings and seminars, accompany doctors on their rounds, and have involvement in daily group therapy sessions.

According to Dr. Herbert Wagemaker '52, director of inpatient psychiatry at Louisville General whose research into schizophrenia is receiving national attention in medical journals as well as network TV, Hope students are restricted only from administering physical and neurological exams; otherwise they enjoy the same status as medical students. In fact, it's by hospital patients.

Dr. Wagemaker, who was the initiator of the program, emphasizes the program's urban setting. "The interest is to expose Christian students to the prospect of inner-city medical work, nursing work, pastoral work, counseling, and so on. We take middle-class kids and expose them to an inner-city environment and we try to show them ways to work in that environment."

"Dr. Wagemaker very much believes in the holistic approach to health," notes Dr. Leslie Beach, professor of psychology and Hope's liaison to the Louisville program. "He believes that treatment must be medical, psychological and spiritual, because these are interrelated dimensions of health."

The program operates on a year-round basis. Interns are required to spend at least eight weeks at Louisville. A total of 12 credit hours are earned, with an additional four credit hours possible through an independent study. Students in Louisville arrange for their own housing, but receive extensive help in this matter from Wagemaker. Students from Wheaton and Gordon Colleges also participate.

"Clinical psychology is a very popular career choice among undergraduates, but it's a tough profession to get into," notes Dr. Van Eyl. "Few institutions of our size and type can offer such practical experiences at an early point in their careers. It's even rarer to have the means by which to offer these experiences in a large city. It's a good program and it can adapt itself. We're
the anchorman

He is the first to know who is going to win The Pull. Either the rope is piling up behind him or it is slipping through his fingers, ever so close to the knot that denotes the end.

His morale girl has to be someone special, too. In addition to wiping her man's sweaty brow she is often his physical support as he attempts to keep the rope taut.

The 81st annual Pull was unique. New rules limited the length of time of the tug-of-war to more than three hours. The rule was instituted after the 1977 Pull set a record for length.

The freshmen prevailed this year, gaining the entire length of rope just four minutes shy of the maximum three hour length.
Lots of Company on Campus

Each issue of News from Hope College this year is providing an up-to-date look at various aspects of campus life and student services. This issue focuses on residential life.

When you get right down to basics, living on campus means having a bed, mattress, desk, chair, closet, telephone and key to call your own. Plus at least half a room to contain them all.

And this semester Hope is "using every stick of furniture and every room that we have," reports Bruce Johnston, assistant dean of students.

With over 1,600 beds filled, Hope's residence halls are at capacity and even a bit beyond, according to Johnston.

Hope's tight housing situation is duplicated on campuses across the country, says a recent apartment living in Holland, says Johnston.

Although 75% of the college's dormitories are not totally furnished, there is the expectation that all residents will have their own beds, mattress, desk, chair, closet, telephone and key to call their own. Plus at least half a room to contain them all.

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Monthly rents range from $225 to $275 for two-bedroom apartments. These facilities, combined with ever-increasing utility rates and the costs of setting up a household, have made off-campus living financially unattractive for many.

Johnston also cites a change in students' attitudes as contributing to the return-to-campus movement.

"Students in the late 1960s and early '70s at most campuses were concerned with establishing their independence. Today we're seeing a shift in attitude. Students say, 'I'm here and I'm here to study and get good grades.' The academic rigor demanded by this new attitude makes it desirable to have things provided.

"Campus living is important for the learning experience. It teaches you how to live with different kinds of people who are used to different lifestyles and backgrounds," explains Elaine van Lier, coordinator of residential life. "Even the conflicts that arise in residence halls between hallmates and roommates are a learning experience. I encourage students to move around and try out different residences.

"The experiences and unique environments are not totally due to the buildings. Each dorm has a head resident, and resident assistants (RAs) living on each floor. Some dorms have assistant head residents. Cottages have one.

On-Campus Living

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Another contributing factor to the popularity of on-campus living has been a conscientious effort in recent years to make Hope's dorms and cottages more pleasant places to work and live.

"Our emphasis has been not to just provide bed and board, but to also provide activities that enrich the on-campus experience," says Johnston. He also points to the "quality" of the residence hall staff (see story above).

Minor annoyances—like broken screens, clogged drains and burned-out light bulbs—receive the most prompt attention possible, says the assistant dean.

Bandage service is now well-coordinated and an extra effort is made to quickly get at those little things that frustrate students.

An attempt has been made to put space in the dorms to better use. Some basement rooms have been furnished with carrels for study. The use of cabins is encouraged and they are available around the clock.

Carpeting was installed last year in the corridors of Kollen Hall, and plans are to also carpet halls in Phelps and other dorms.

Johnston notes that carpet not only cuts down on noise but also helps create a "homey" atmosphere.

Students like the carpeting but also note that it has eliminated Kollen's most popular dorm prank—the "fanny slide" which calls for the movement of a student from one end of a well-watered hall to the other in a sitting position.

Although at many universities the life of residence hall furnishings is calculated to be about 10 years, Hope's furniture is apparently
Hard to Beat Mom's Food

Part of Learning Experience

"They know the applicant in everyday situations better than we know them after an interview."

Staff selection begins during second semester: Johnston describes the training program as a selection process. Applicants meet with a selection committee over a period of three weeks. According to Johnston, group exercises that measure the degree of one's extraversion and focus on team building and assertiveness training.

"We ask them what kind of atmosphere they will set up. Hopefully, it will be one of openness and community," adds Johnston.

In the fall, the staff arrives on campus one week before the freshmen. They attend daily informative seminars presented by campus service offices such as Public Safety, the Health Clinic, the Counseling Center. Also during that week, the staffs of the various residences have an opportunity to get better acquainted.

Learning to work together as a staff is important. Individual staff members draw support and affirmation from each other.

Kollen Hall RA Nancy Geldersma commented that, "We may not all agree on the best way to handle problems, but we back each other all the way."

Staff members define their roles differently but have one thing in common—a desire to be with and serve people.

"You don't do this work for the money," commented head resident Earl Wierenger. "I do it because I love young people."

"It is the responsibility of the residents. It's not to be a mother—but it is. We are responsible for everything—we're reference people," explained Geldersma. "I don't perceive being an RA as a job. It's just a way of life, living with people and learning to grow with them."

The staff is responsible for initiating activities among residents especially during the first few weeks. Johnston gives a lot of credit to the students for making the residential experience a growing and fun time.

"The students here are fantastic. They work with each other, care about each other, and help each other out," says Johnston.

Most of the dorms have councils that plan activities, money-raising projects and parties. Residents elect representatives or volunteer their time for weekly meetings. A dorm study break complete with entertainment and Saga cookies, a hayride or inter-dorm parties result.

Living in the dorm is important because, as Van Lier explains it, it helps students grow up fast, it is a situation in which to be a unique experience in college. Making sure that the experience is a growing one is no simple task.

"Our philosophy is to help the student become what he or she wants to become," concludes Johnston.

When it comes to eating, the atmosphere is usually just as important as what's on the plate. Says Steve Hiligan, director of Hope's Saga food service.

That's why this year Hiligan sees complete customer satisfaction as an almost impossible thing to achieve.

"The student starts out by waiting 10 minutes to go through the line. Then with our present line system, the chances are the food won't be as hot as it should be when he or she finally gets it. Then the student has to wait to get a seat. And once he or she is seated, there's other students almost breathing down their necks waiting for a seat."

Little wonder there's a great deal of anticipation toward the expansion of Phelps dining room, scheduled to be complete by the beginning of the 1979-80 academic year. The proposed $750,000 expansion will increase the seating capacity of the dining room from 350 to 475. Plans call for four dining areas, a "fourth system" serving area and some new food preparation facilities. A smaller dining room in Durfee Hall will continue to be used on a limited scale.

Complaints about the food service on a campus seem to be as predictable as complaints about exams. Yet, Hiligan takes them seriously because he believes "something is being said in every complaint."

In order to learn more about student opinion regarding menus and service, once a month a Saga food form is filled out.
Author Ann Hungerford is a reporter for the Holland (Mich.) Sentinel where this article originally appeared.

You can't tell the winners from the losers even with a program. Tears cry the same.

In the minds of nearly 500 Hope women who participated in the annual Nykerk Cup in the Civic Center Nov. 4, there were no losers. To retain the philosophy that winning is the only thing is anti-Nykerk sentiment.

All that counts is "meeting in the middle," a long-time tradition of screaming pandemonium, unquelled tears, and near-violent bear hugs.

Better advice to all civilians in the crowd might be "don't get caught in the middle."}

Boyfriends and parents pace restlessly around the fringes, circling the mob of young women content with consoling and congratulating each other for what seems like an eternal ceremony.

Only later do males and elders dare wade into the humanity decked with navy skirts and sweaters and white gloves to join in the celebration.

Were Hope College to write its own dictionary, it's certain that one more interpretation would be added to the lengthy definitions of love: Nykerk.

For three weeks freshmen and sophomores women, whether in play, song, or presentation, speak of little else. Comraderie grows with each day, and despite the competition, support flows from the sophomores to freshmen. Respect lingers everywhere.

Created in part to provide opportunities for upperclassmen for leadership, Nykerk does just that.

Only on the evening of Nykerk, do coaches, gowned in long dresses and carrying bouquets, take a bow. To them falls the responsibility for selecting plays, songs and overseeing presentations of the younger classmen.

Another appealing aspect of Nykerk is the mystery and many prevail.

Who, for instance, won what remains forever a secret. Only a class is announced victorious. No specific winners for any division are declared.

Other mysteries mount in the minds of the audience. Where do sophomore men get the money to rent tuxedos? Who stocks 400 or more pairs of white
No Losers

gloves? Is that a question probed on admittance applications for women? Do you have your own pair of white gloves?

And how does a class put on a short play or skit with a budget of only $100? That query is more easily answered. By using last season's turkey feathers, naturally. (Perhaps a little more game than preferred but nevertheless reusable).

As in other years, the animals stole the show. And today's most beloved animal, Snoopy, took this year's scene stealing prize. Portrayed by Nancy Edwards, freshman from Grand Rapids, Snoopy pranced about the stage in a production number "Supper-time" from You're a Good Man, Charlie Brown.

Despite her lack of experience, Miss Edwards has never before appeared on stage, the chemistry/bio major displayed an uncanny sense of timing and control on stage, eliciting roars and spontaneous applause from the standing-room-only crowd.

"I'm a ham," she explained her ease on stage following Nykerk presentations. "I wasn't scared. I was just happy and excited."

Following a presentation by the Pearls, characters wasn't easy but the sophomore performers met the challenge with an allegory of the Biblical creation: The Genesis of Narnia, adapted from C. S. Lewis.


"Mass media convinces us that everyone else is happy since they don't show loneliness as a weakness," Miss Raak stated. "Few dare to say I am lonely, meaning I am unwanted."

Miss Krueger explained that "even college can be a lonely place. There are people all around us but no one really knows us. I don't believe there is one root cause for loneliness."

Nykerk opened with the freshman song, "Climb Every Mountain."

The sophomore song group sang "He Ain't Heavy. . . He's My Brother.

Following Nykerk tradition, song girls remain primly seated throughout the entire evening, even during the intermission.

Those demands are in sharp contrast to the formally dressed "morale guys" who act as a cheering section throughout the evening.

"I'm glad it's over," one exhausted song girl, held in her mother's embrace, sighed after the pandemonium had subsided.

For the few to whom it matters and for the record, the sophomores won.
The orange-and-blue again had an outstanding fall sports season, winning two Michigan Intercollegiate Athletic Association (MIAA) championships while finishing no worse than third in any of the men's activities.

The women officially started competing on a league basis against MIAA opponents this fall. The volleyball team went two major tournaments, including the MIAA post-season event, while the field hockey team finished fifth.

The Dutchmen own a commanding lead in the MIAA all-sports race after fall competition. Hope has 32 points followed by Albion with 31, Kalamazoo 26, Olivet 22, Calvin 21, Alma 19, and Adrian 11. The Dutchmen are seeking their first MIAA all-sports championship since 1966-67.

CROSS COUNTRY

The Dutch harriers won their sixth straight MIAA championship and finished 15th in the NCAA Division III national meet. The league championship was the seventh in eight years for coach Bill Vanderhoof's charges who have posted an outstanding 56-2 dual meet record during that span.

Hope became the first MIAA team to qualify for the nationals by finishing fourth in the Great Lakes Regional. Junior Dick Northuis of Grand Haven, Mich., finished 27th out of over 200 runners in the nationals.

Northuis and senior Mark Ongley of North East, Pa., were named to the all-league team. Northuis was elected the team's most valuable runner while Ongley was selected by his teammates as most improved.

FIELD HOCKEY

The field hockey team finished fifth in the MIAA race with a 1-4-1 record while posting a 4-10-1 overall mark.

Seniors Beth Van Klompenberg of Holland, Mich., and Sue Gebhart of St. Louis, Mo., were elected co-most valuable players. Gebhart led the team in scoring with seven goals.

FOOTBALL

The football team tied or established 13 school records enroute to posting an 8-1 record and winning the MIAA Championship for the third time in six years.

Hope has enjoyed a school-record seven straight winning seasons in football under coach Bill Smith whose teams have an excellent 58-21-2 mark in the nine years under his leadership.

Hope entered the season an underdog, primarily because of an inexperienced offensive unit. An outstanding defensive corps kept the Dutchmen in several of its games, finishing third defensively among NCAA Division II schools in rushing defense while posting four shutouts.

The season finale (a 31-13 win over Kalamazoo) marked the last game at River View Park, home of the Dutchmen since the early 1920s. Next year Hope will be playing at a new $1 million municipal stadium.

FOOTBALL

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<td>Doug Krause</td>
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<td>Steve Prediger</td>
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<td>Mark Loudermilk</td>
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The team was coached by Frank Smith, a former United States Army football player.

The Dutchmen owned the finest defensive record against the rush. Junior Steve Bratschie stymied a Kalamazoo College runner's attempt at a gain.

Members of soccer team celebrate goal by Bob Skoorsmaker.

Senior Doug Koopman of Overisel, Mich., and Steve Prediger of Muskegon, Mich., were elected co-winners of the Allen C. Kimmy memorial award which is given by the coaching staff on the basis of maximum overall contribution to the team.

Ten Hope players were named to the all-MIAA team. Picked for the offensive honors were tackle Craig Groendyk, a junior from Jenison, Mich.; guard John Hartman, a senior from Wyoming, Mich., right end Kent Succelli, a senior from Grand Haven, Mich.; and center and guard Bud Feltz. The most valuable player in the MIAA was named by Smith as the finest Lineman Tim Johnson of Kentwood, Mich., and the quarterback was Senior Steve Prediger of Muskegon, Mich.

FOOTBALL Fall Standings

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H-Club Honors Cagers, Harriers

The alumni H-Club honored two groups of former athletes during their annual Homecoming weekend.

Honored guests were members of the 1958-59 basketball squad and the cross country teams from 1971 through 1977, according to Gordon Brewer, director of men's athletics.

Many regard the Hope basketball team of 1958-59 as the best in the College's history. The team posted a 20-3 record enroute to the MIAA championship and the NCAA Great Lakes Regional championship.

Team members have been active in those years and have made their mark in society. Captain Paul Bendor, John Kleinheksel, and Rich Brame have been highly regarded in their fields and are active in the community. Dr. Daryl Selendorf is a professor in the graduate school of physical education at the Ohio State University. Dr. C. W. Williams serves-up spike under watchful eye

Winter Sports Schedules

GOLF

The golf team finished third in the state tournament with an 85-25 record, earning them the team's most valuable player for the third straight year.

Seniors Gary Hutchins, Jeff, Mich. and Juan Ramon Leon, Mich., were elected to the all-MIAA first team while junior Kurt Bubacz of Old Line, Conn. and senior Renee Miessler of Holland, Mich., earned second team recognition.

Hockey was voted the team's most valuable player while sophomore Gordon Herwig of Fair Lawn, N.J., was chosen most improved.

BASKETBALL

MIAA Tournament at Hope, All Day

Wrestling

Home meets held at Dow Center

Suff Williams serves up spike under watchful eye of teammate Jean Wilkenning.
Colleges Foundation Makes Difference at Hope

Nearly $1 million dollars per year divided between the 16 member colleges—that's just the tip of the Michigan Colleges Foundation (MCF). Alvin Lubbers, former president of Hope College and a founding member of the MCF, says that a more important role than the dollars which have been brought in over the years, says Lubbers, is the interchange between private education and the big business that the MCF made possible.

"The founding of the Michigan Colleges Foundation changed the environment in which we operate. It changed the whole image of private higher education in the minds of the American public."

The Michigan Colleges Foundation, founded in 1949, was the first state-wide consortium of private colleges organized for the purpose of jointly soliciting financial support from businessmen. In 1942, when business support existed only for a favored few, this was a radical change of approach.

Through MCF, private colleges learned from business the secrets of effective management and successful public relations, says Lubbers, who realized in greatly broadened horizons.

Moreover, through MCF the private colleges had occasion to become acquainted, both as institutions and on a personal level. Previously Hope had no strong contacts of this nature, and this was fairly typical across the state, according to Lubbers.

The MCF has its roots in a meeting of the Association of American Colleges held in New York City in January of 1949. At this meeting, Frank W. Abrams, chairman of the board of Standard Oil of New Jersey, and Laird Bell, a Chicago attorney, predicted that private wealth of private education a chief source of income, was to be greatly diminished because of federal tax developments. Abrams and Bell said that private education must turn to a new source of support—business.

Before that AACC meeting, three Michigan college presidents—Samuel J. Harrison of Adrian, Dale D. Welch of Alma, Alvin W. Johnson of Emmanual Missionary, now Andrews University, Harvey L. Turner of Hillsdale and Lubbers of Hope—had decided to find some way to implement Abrams' and Bell's observations into a new fund-raising effort of the five presidents persuaded their trustees to invest a small appropriation in the new organization and on Aug. 19, 1949, the MCF was chartered and a pattern for future fundraising was set into motion which would later be used as a model for 30 new associations, involving private colleges and universities in 44 states.

"We were dealing with such large enterprises and men who thought in terms of national and international corporations," recalls Lubbers. "We would have seemed small beggars with little tin cups if we had come as individual institutions with the selfish purposes of only keeping alive our own individual enterprise.

"Our cause was bigger than any single college represented in the Association to go to private business and offer private higher education as a partner in preserving the American ideal of the private enterprise system."

After establishing an office in Detroit and hiring an executive director, Dr. Bruce Raymond, a former Hope faculty member, the MCF discovered that their efforts were meeting with more cold shoulders than slept sympathizers. After a year, Dr. Raymond resigned the post. Within the coming months, one of the colleges, Emmanuel Missionary, stood a good chance of withdrawing at its trustees' insistence. Lubbers had to work hard to find a new president and therefore enjoying a high tolerance among the Board for new programs, found that by 1352 his sales pitch for another year of MCF support was followed by a loud stage whisper. "There goes another $3000 down the rat hole."

The MCF soon realized that it needed successful business men as well as college president among its ranks. In the early days, a section was made to invite business leaders to become incorporators. Simon Den Uyl '19, a Hope alumnus and president of Bohn Aluminum Company, eventually became a strong leader in the MCF as its first president and later on the national level as an advisor to comparable associations. In 1956 James Ver Meulen '26 of the American Stamping Company also served as president.

In 1952, the MCF contracted with a nationally known fund-raising firm, Mears and Kundy, who had aided Hope in its first successful fund-raising experience. "Looking Ahead with Hope," Lawrence B. Avison, Jr., the nephew of former Hope faculty member Edward Avison, directed the firm's successful efforts with the MCF. In 1956 he accepted the position of the MCF executive directorship.

Under Avison's leadership, the MCF has evolved into a sophisticated organization with 30 leaders of Michigan business and industry on its board. Today, Hope has received a total of $5,339,268 from the MCF. Its investment figure is $10,728.06.

Over the years, the cumulative total of $5,339,268 has been raised by the Michigan Colleges Association roughly equals one-third of our present endowment. That's pretty significant," notes William D. Fort, vice president for business and finance. "Because we operate on a fairly tight budget, many times the Michigan College Association has meant the different between balancing the budget and running in the red. It's been a most important source of support. We're talking about something so subtle and yet so dynamic," concludes Lubbers. "It changed our entire method of operation."

It's never too early to promote Hope

The Hope-Geneva Bookstore has a variety of shirts and hooded sweatshirts available in sizes for young and old.

Your best buy includes

*FOR THE WEE ONES—a long sleeve pullover with graduation date; that's right 20??—Available in six months to two years sizes.

*HOODED SWEATSHIRT—navy pullover with orange imprint. 90% cotton-10% polyester. Children & adult sizes.

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Enclosed is $_________ for the above items.

Your Name:________________________
Address:__________________________

Please make check or money order to Hope-Geneva Bookstore. Items will be sent UPS unless otherwise requested.
SEND ORDER TO:
Hope-Geneva Bookstore, Hope College, Holland MI 49420
Other alumni described their experiences in various capacities. For instance, Ray Milne has practiced as a dentist and also worked on the Board of Trustees of Loyola University. On the other hand, John Milne, a 1945 alumnus, has been involved in feeding the poor in Honduras and is a member of the American College of Dentists. Furthermore, Lucy Johnson, a 1936 alumnus, has been involved in missions correspondence and has been working on a slide presentation that she hopes to give at a later date.

The purpose of this alumni directory is to provide information about the alumni of the University of Oregon. It is hoped that this directory will help to keep the alumni connected and informed about the activities of the University. If you are interested in finding out more about the alumni directory, please contact the alumni office at the University of Oregon.

Additional information about the alumni directory can be found on the University of Oregon's website. The directory is available online and can be accessed by anyone who is interested in finding out more about the alumni of the University of Oregon. The directory contains information about the alumni's names, graduation years, and other relevant information. It is hoped that this directory will be useful to anyone who is interested in finding out more about the alumni of the University of Oregon.
make your presents felt!*

*No matter how you spell it, your presence is felt through your presents.

Your gift is important in maintaining Hope's high academic standards.

$1,000 will provide nine weeks' education to one of the 73% of Hope's students who need and receive financial aid in the form of scholarships, loans or campus jobs... or underwrite the cost of running Hope for eight hours...

$500 will purchase and catalog 25 books for the library... or meet 10% of the cost of one theatre production during the school year...

$250 will heat and light a classroom for 480 hours... or provide equipment for an intramural volleyball program for men and women...

$100 will pay for two hours of computer time for a science major... or purchase and feed 150 mice needed in biology for one semester... or meet the cost of periodicals and pamphlets for the Career Library for one semester... or... much much more!

Your gift keeps Hope ahead...
Please write your check today for the Annual Fund.
Research Promotion

John W. VanDeke, Jr., Ph.D., has been promoted by Miles Laboratories, Inc., to the position of senior research scientist in the Chemistry Department of Corporate Research.

In this position, VanDeke will continue to be responsible for the design and synthesis of new drugs in the cardiovascular field. Previously, he was a research scientist. He joined Miles in 1962. He holds a Ph.D. degree in organic chemistry from the University of Illinois.

Advanced degrees

Christopher P. Atwood, M.A., Physical Education, Western Michigan University, Aug. 1978.
Philip J. Bie, Ph.D., Physics, Kent State University, May 1978.
Irene R. Coover, M.A., Teaching of Science, Western Michigan University, Aug. 1978.
Cynthia Honaker, M.A., Curriculum and Instruction, (Childhood Education), Teacher College, Columbia University, May, 1978.
Ina L. LaVernia, M.S., Michigan State University, Aug. 1978.
Jill Locel, M.S., Northern Illinois University, Summer, 1978.
Janet Lovelace, M.S., Geology, University of Wisconsin at Madison, Aug. 1978.
Mark A. Munson, M.S., Computer Science, Virginia Polytechnic Institute, June, 1978.
Klaus J. Muller, M.M., Western Michigan University, Aug. 1978.
Barbara Goldstein, M.S., M.A., Reading.

Births

George 69 and Mary Lynn Koopko 69, Arvady, Matthew James, Aug. 31, 1978.
Hudsonville, Mich.
Holland, Mich.
Holland, Mich.
Thomas A. 72 and Barbara Bos 72, Daniel James, June 21, 1978.
Holland, Mich.
Joel 74 and Marianne Van Heist 74, Brian, July 1, 1978.
Saginaw, Mich.
Linda 74 and Donald Deursen 75, Georgia Ann, Sept. 29, 1978.
Grand Rapids, Mich.
Jerry 72 and Susan Cole 72, David Allen, June 1, 1978.
Grand Rapids, Mich.
Paul 74 and Dorothy Brown 69, Dennis, Donald John, Sept. 29, 1978.
Holland, Mich.
Tony and Judy O’Dwyer 74, Christine Anthony, June 21, 1978.
Fremont, Neb.
David 76 and Kathy Leight 76, Deming, Jeremy Lawrence, Sept. 28, 1978.
Beloit, Wis.
John 73 and Betty Herter 73, Jeff, Grant, Aug. 10, 1978.
Fridley, Minn.
Cynthia 70 and Thomas Koop 74, Falkirk, Eliza Patricia, May 23, 1978.
Kelso, Wash.
Michael 71 and Donna Burke 70, Hannah, Aug. 18, 1978.
West Orange, N.J.
Chattanooga, Tenn.
Denver, Colo.
Lindy 74 and Susan Somervell 74, John, May 6, 1978.
Denver, Colo.
John 72 and Marilyn 73, Ann, April 14, 1978.
Holland, Mich.
William and Barbara Monroe 70, Page, adopted.
Holland, Mich.
Holland, Mich.
Lindy 74 and Susan Somervell 74, Janet, April 14, 1978.
Holland, Mich.
Bill 74 and Mrs. van der Hoor 70, Sarah, Jan. 16, 1978.
Holland, Mich.
Judy 74 and Susan Somervell 74, Jonathan, April 14, 1978.
Holland, Mich.
Marilyn 72 and Elsbeth 72, Grace, June 23, 1978.
Holland, Mich.
Rose 76 and Mrs. Timmer 69, James, Oct. 5, 1978.
Holland, Mich.
Holland, Mich.

Be our guest

The Alumni House provides convenient lodging for alumni and friends visiting Hope College. The proximity of the house to all college buildings enables guests to make the most of their time on campus, whether your visit be for business or pleasure.

Rates per night for Alumni House lodging are as follows:

- Master Bedroom (with private bath): $15.00 single, $18.00 double
- Rose Room: $11.00 single, $13.00 double
- Blue Room: $11.00 single, $13.00 double
- Green Room: $11.00 single

For reservations call the Alumni Office, (616) 392-5111, ext. 2600.
deaths

Josephine Huelsink 20 Duncan died on October 23, 1978 in Illinois. She is survived by a daughter, Jeanne Bechtel.

Catharina Martha Dejong 87 Hinkamp died in Holland, Mich. on November 27, 1978 following a 15 year illness.

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讣告

求恩，20 年 9 月 23 日，在伊利诺伊州去世。她有三个女儿，Jeanne Bechtel，以及一个孙女。

Catharina Martha Dejong 87 Hinkamp 于 1978 年 11 月 27 日在密歇根州霍兰德去世，享年 87 岁。她在密歇根州度过了 15 年的病痛。

**Historian’s Approach**

continued from page twenty

Chicago, and they're trying to perceive as much as possible about the world's 20th-century living conditions.

Close association with an environmental psychologist I found forward to greatly sharpening my skills in analyzing how new living conditions influence behavior. Together we hope to film 19th-century neighborhoods along Chicago's 20th-century in a way that will remain to us as students the strengths and weaknesses of that commercial center in its golden age. Filming the sharp contrasts of contrasts of complete modernism in our urban environment will bring alive for the classroom the great disparity between urban life long ago and now. Filming modern world will open our eyes to how the old is used with the public and the public is in use with the past.

Among the students I hope to attract are those active in public relations (mostly sales) and similar work. Highly recommended, the course involves a day of filming with a professional at the University of Chicago and a day of filming at the University of Illinois at Chicago.

Gretchen L. Schut 37 died in November 1978 in Chicago, Ill. 37. She is survived by her husband, Al; three sons, Robert, James, and Steven; and three daughters, Sarah, Emily, and Elizabeth.

Elizabeth Nauta 30 Scott died in Chicago, Ill. in September 1978.

Rodolph v. van der Heide 20 died in Orange, Calif. in June, 1978. He is survived by his son, Dr. John N. van der Heide.

The Rev. Benjamin J. Wyman 78 died on May 29, 1978 in Springfield, Va. He is survived by his wife, Mrs. Mays, and three sons, Robert, James, and Thomas.

I am job hunting and would like to have the following want ad appear in the next Hope College publication:

For the job of an environmental psychologist I would strongly recommend a student who has a strong background in environmental science and a good understanding of the relationship between man and his environment. The student should be able to analyze the impact of environmental changes on human behavior and to develop effective strategies to mitigate these changes. The student should also have excellent communication skills and be able to work independently.

The applicant should have a strong interest in the field of environmental psychology and a desire to make a positive impact on society. An understanding of psychological theories and research methods is also desirable.

I am open to all locations and am willing to relocate for the right opportunity. My contact information is available upon request.

*No more than 50 words*

**Please type**
An Historian's Approach to Environmental Studies

by David L. Clark

Contemporary environmental studies have made many historians ask new questions about the effect of man's environment on his behavior in past cultures. My questions about this subject greatly increased in number and complexity during the last academic year, when I was a fellow of the National Humanities Institute at the University of Chicago. That year the Institute focused its attention on comparative studies of modernization in different societies. Many of the seminars of the Institute were devoted to the modern events brought about by modernization as it developed in varying parts of the earth.

The National Endowment for the Humanities, a federal institution, funded two National Humanities Institutes, one at Yale University and the other at the University of Chicago. Each Institute runs for a three-year cycle, with the purpose of stimulating interdisciplinary approaches to curriculum planning and teaching in the humanities and social sciences. These Institutes are one of the National Endowment's major efforts to encourage new approaches to teaching in these areas, at a time when student preoccupation with professional and vocational training is undermining the traditionally strong role of these areas in the liberal arts program.

The University of Chicago Institute, during its three-year duration, is devoted to the impact of technology on society in all of its aspects. Study of this problem was carried out in a "think-tank" format, with experts brought in each week to lead seminars for the twenty fellows who made up the Institute for that year. Fellows came from institutions of higher education from all over the country and were selected from nominations from every university and many colleges in the country. Fellows were chosen on the basis of their experience and expertise in the area of modernization studies, and represented a great variety of fields, disciplines, and scholarship. This diversity made our discussions extremely lively and stimulating, since each fellow came at the topic under discussion from a different perspective. The year was a very rich diet of intellectual fare.

The part of the year, though, that had the greatest effect on me as a teacher, was that during which I taught with a team of Institute fellows an interdisciplinary course on urban environments in history. Teaching such a course in Chicago helped me see a great deal in adding existential meaning to the experience both for the University of Chicago undergraduates who were the students, and for the faculty who taught in. We started the course with several tours of locations in Chicago and analysis of how these environments influence the people in them. Students interviewed residents of neighborhoods systematically asked directions in order to determine what landmarks residents referred to, and attempted to determine the power structure of a neighborhood. All of this rapidly immersed students in the ambience of the neighborhood studied, and added a dimension of greater realism to discussions back in the classroom.

My contribution to that course was analysis of the cities that influenced the planning and development of Chicago. In discovering a treasure trove of archival materials about studies of great European cities by individuals and groups that have played significant roles in the growth of Chicago, it was possible to identify the Spanish influenced planning of the master plan of Chicago in the early years of this century. The guiding principle of Burnham's plan was to make Chicago a monumental city with a "Grand Design" like that of Paris. Despite Burnham's plan, Chicago has not become the Paris of midwestern America. The contrast between the original hope and the present reality raise far-ranging questions about the forces that create an environment.

My participation in those diverse forces was greatly increased by the observations of the other fellows with whom I taught the course. From a sociologist I learned new questions to ask about a variety of information gathered about life-styles in the neighborhoods of Chicago we studied. From an expert on the history of photography I learned to "read" much more from old photographs than I had ever imagined was there awaiting interpretation. From a psychologist I learned a great deal about the effects of environment on human behavior. For them, I hope provided help in information about the political, social, and economic aims of those who planned and built Paris and other European cities that have influenced Chicago. For the students in the course, I hope that I stimulated them to better perceive the relationship between urban environments of the past and the historical developments that took place in them.

Each fellow of the National Humanities Institute is expected to prepare a proposal, once back on his campus, for funding to undertake a new interdisciplinary course or courses. I am preparing such a proposal with Professor Van Eyl of the Hope Department of Psychology, whose special interest is in studying the effect of environment on human perception and behavior. Professor Van Eyl's research interest has led him to offer travel-study courses during the May terms of the

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