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This year, in addition to President and Mrs. Van Wylen's Christmas message to Hope College readers, we invited several members of the faculty to tell us about a special Christmas memory. We hope their highly personal accounts will give all our readers a new or refreshed perspective on this holiday season. See page 3.

Christmas Tradition

This will be our thirtieth Christmas together. As we reflect on the celebrations of Christmas we have had over the years, we are struck by the many ways in which our celebration of Christmas has become for us a tradition—almost a ritual.

Our celebration begins with a Christmas Eve service of worship and festivity in our own church. Then, after the children are temporarily off to bed and asleep, Mom and Dad fill the stockings which are hung by the fireplace. After a catch-as-you-can breakfast, there are photographs of all, with the Christmas tree and fireplace as background. Then, after a prayer of gratitude and dedication together, we have a leisurely period for opening presents. Somewhat later, there is a scramble to have the house sufficiently clean for Christmas dinner, usually with some guests who are not able to be with their family.

As we reflect on all of this, we wonder why it is that these traditions became so quickly "our" way of celebrating Christmas. True, there have been changes. As the children grew older, we could move from the 7 p.m. Christmas Eve service to the very meaningful midnight service. And over the years we have had to add stockings to the fireplace, first for our own children, then a son-in-law, a daughter-in-law, a grandchild, and this year a second. No longer do the children all sleep in the same room (with the aid of sleeping bags and mattresses) on Christmas Eve so that no one will miss being ready at an early hour. And no longer is our alarm set in this room for 2 a.m. so that stockings for Mom and Dad can be filled, and hints left around of unwarranted snooping. But, for the most part our traditions continue, year after year.

Is there any significance to the joy we find in celebrating Christmas much the same way, year after year? Or is this simply a matter of sentiment? At its deepest meaning, each year we celebrate anew the same event—the great Event of the Incarnation, when God invaded history, at a particular time and place, among a people who had been long prepared, to give us his love and grace through Jesus Christ. Each year is, of course, different for us. We are a year older than our last celebration. Some years we have had the privilege of welcoming a new member to our celebration. In other years someone from our large family circle is missing. But each year we celebrate anew the unbounded love of God in the Incarnation, and experience this fresh in our individual lives and our life together as a family. Celebrating with the same traditions can be a powerful reminder of the central meaning of Christmas. The challenge is to use these traditions to experience, in personal and meaningful ways, the love of God and the abiding presence of Jesus Christ.
Guest Scholars Bring Vital Learning Dimension

Vital Guest visit of at least one land's students, many others are guests of individual departments. They come to speak to classes and inform students—often in informal settings—of issues and opportunities relevant to specific academic interests. Although they are not exactly Holland's typical tourists, many of these scholars depart in true tourist fashion—eating at a complimentary pair of wooden shoes in hand.

News from Hope focuses on one of these recent visitors.

by Beth Schilling

Here to build,...

Dr. David A. Evans, professor of chemistry at California Institute of Technology and internationally known synthetic organic chemist, told students during his visit from October 26-30 at Hope that Evans does woodwork as a hobby, but his specialty is building molecules. "My father (a carpenter) once told me that if he had to do it over again he would be a chemist; because it requires working with your hands and using your mind in an abstract way. I always remembered that," Evans said.

Dr. Evans is a tall, soft-spoken man, his black hair just beginning to gray. At only 40 years of age, he is a recognized leader in organic chemistry research—specifically in methodology and design. Evans develops methods to construct complex, naturally occurring molecules. Many of these molecules are antibiotics which occur in such small quantities naturally that their therapeutic value is unknown. Once a sufficient quantity can be synthetically produced in the laboratory, it can be tested for drug potential and, if found to be therapeutically, pharmaceutical companies can then use Evans' methods to mass produce the antibiotic.

This year he received the ACS Award for Creative Work in Synthetic Organic Chemistry, one of the most prestigious awards given in organic chemistry. He received his A.B. from Oberlin College in 1963 and then did his thesis work under Robert E. Ireland at Cal Tech. After obtaining his Ph.D. in 1967, he joined the chemistry department at UCLA and then returned to Cal Tech in 1974. Besides his important work in chemistry, Evans' life is rich in other ways, he is a MVP for tennis and has a daughter, loves to do carpentry work, coach his daughter's softball and soccer teams, and hike in the mountains with his wife.

Dr. Evans was at Hope in conjunction with the 1981 Camille and Henry Dreyfus Distinguished Scholars Program which is designed to involve students in the creative discoveries of chemistry. His was the fourth visit of eminent chemists made possible through funds from the Camille and Henry Dreyfus Foundation, the legacy of chemical brothers who recognized the need for communication and understanding among scientists in their fields of interest. As part of this year's program a Symposium of Synthetic Design for Construction of Complex Molecules held. Industrial and academic research chemists were the invited speakers and gave lectures throughout the day to over 300 scientists in the area. The symposium concluded with a lecture by Dr. Evans which, according to Dr. Doyle, "left people almost breathless because of the nature of his discoveries and the innovative and fruitful approach." Evans' work has implications that reaching into the future, has been attempted by many others, he is the first to be successful.

But Evans came to Hope mainly to talk with students and faculty. He lectured in three chemistry classes. Synthesis, Dynamics and Synthesis, Biochemistry and Organic Chemistry, spoke with the Presidents Scholars, attended the Student Chemist's Seminar, and served as an all college lecture, are meals with students and faculty and also met with them informally throughout the week.

Evans feels that students today are much more sophisticated at making decisions about schools and careers. He claims that he "fell into" much of his career and took the opportunities that presented themselves without much evaluation—and many times "for all the wrong reasons."

Although he was a student at many levels for quite awhile, he didn't begin to "evaluate the system," and its effect on his personality until he gained the faculty at UCLA. Now that he can objectively reflect on his educational experience, he appreciates his liberal arts education and feels that just aren't available at other schools. Evans also feels that the faculty of any undergraduate program is the best route to take. This is where it's at as far as I'm concerned. That's why when Mike Doyle asked me to come to this campus, I didn't hesitate. It's a small college for opportunities, such as research, to undergraduates that just aren't available at any universities because these graduates with training have the edge on enthusiastic, bright, but relatively unskilled undergraduates. Also, 'trade schools' dump on too many too fast' and the burn-out rate is much higher, Evans said. It's like taking a drink out of a fire hydrant. I couldn't have handled Cal Tech as an undergraduate. Small schools offer a favorable teacher to student ratio—the best is one on one and 'it's down hill from there. Bottoming out at 350' he gruffly joked. Perhaps his most interesting class was on Organic Chem Lab at UCLA with 350 students, and Evans calculated that five minutes spent with each student would require 30 hours of time—an impossibility and an extremely frustrating predicament for a concerned professor.

When asked: "How does one preserve an institution like Hope College?" Evans answered that there should be a distinction between the funding for research for small schools and larger schools, research (for the most part) isn't fair—"it's like Hope playing Ohio State in football." He also feels that creative ways to increase the salaries of the faculty should be devised. Evans spent a lot of time talking to students personally—listening to their plans and giving suggestions, encouragement, and vision. He was a fantastic lecturer, he made material usually foreign to me easy to understand," Rich Blake remarked.

ALL THE PRESIDENT-MEN: Homecoming weekend was the occasion for a special tradition of three Hope presidents, Calvin A. Vander Veer (1963-1970), Irwin S. Lubbers (1945-1963) and Gordon A. Van Wylen (1971). They were attending H-Club luncheon prior to Homecoming football game in which Hope defeated Albion.

1. MEXICO SUN TOUR
8 Days, March 13—20, approximately $7775, Mexico City (cultural and historical treasures), Taxco (the Silver City), Acapulco (sun, swimming, sailing).

2. WASHINGTON D.C. AND VIRGINIA
9 Days, April 23—May 1, approximately $9740. By travel coach from Grand Rapids and other points to Washington, D.C., Mt. Vernon, Williamsburg, Richmond, Monticello, Shenandoah Valley National Park, Skyline Drive, Blue Ridge Mountains.

3. HEART OF EUROPE
19 days, June 18—July 6, approximately $1,758, Amsterdam, Heidelberg, Munich, Salzburg, Vienna, Innsbruck, Lucerne, Interlaken, Genewy, Paris, Brussels. Two-night stays in five cities. Traveler may remain in Netherlands several days after tour at extra cost.

4. SCANDINAVIA
16 days, July 2—17, approximately $1,958. Denmark, Sweden, and Norway, with two-night stays in Copenhagen, Stockholm and Oslo. Five days by coach and boat through Fjord country.

5. AUSTRALIA-NEW ZEALAND
25 days, October 2—25, approximately $9,000 from Los Angeles. Travel from other places can be arranged. Extensive travel through New Zealand and Western Australia.

Please note that as of this writing, dates cannot be guaranteed and prices are approximations.

Contact your Hope Alumni Office (616-392-5111) or Mr. Jim Hoekenga, DeVries Travel Agency, 2421 Eastern Avenue, Grand Rapids, MI 49507 (616-452-5117)

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Christmas Memories

My Christmas memories at Hope are related mostly to our annual presentation of Christmas Vespers. When I first came to Hope College to teach, the first Sunday afternoon in December was devoted to a service in memory of those who gave their lives on Pearl Harbor Day. By 1950, this service was so poorly attended that I could not continue to maintain and preserve the memory of the sacrifice. One of my colleagues in the music department, Miss Janina Hollaman, and I decided that a seasonal musical program or pageant might be an appropriate substitute. So for a few years, we tried to establish an Advent service.

My memories of the first few years are vague; my good memory was taken to counting other members of the music department to participate—the biggest problem was to get students and the general public to attend.

Miss Hollaman, along with her other duties, spent a lot of time and energy (on a stringent budget for advertising) trying to interest students and townspeople to attend our Advent Christmas program. Today, with the press for tickets and seats, that memory has been faded but it was several years before the chapel was comfortably filled for a program for which the department contributed a large amount of time and talent.

As the years went by, Vespers (I'm not sure of its being a misnomer—probably more of all that that, if you didn't catch on) and the program then became one of trying to keep people from being disappointed by always violating the memory because they could not get a seat. This led to an extra program, finally to the present.

A Christmas memory? All that is a memory best forgotten. But there are the happy memories of Vespers—the willingness and generosity of students and faculty to give of their time and efforts. Happy memories include the fact that I rarely heard a complaint by already over-worked students that another Vesper would be added to an already crowded weekend.

For me, the true spirit of Christmas is ever evident in a Vesper presentation. The memories of the readings, the choral and instrumental music, the drama of the proclerical and the general good will remain among my most treasured memories of Hope College at Christmas—ones of many manifestations of what makes Hope unique.

Anthony Koolker
Professor of Music

One can hardly accuse my parents of failing to teach their four children the real meaning of Christmas. The front of our big, white, Wisconsin farmhouse was decorated with a simple sign—"Christmas Was Born." This message was reinforced again and again with Bible readings pertaining to the incarnation. On Christmas Eve, the children were bundled up and sent off to sing Christmas carols for some of the shut-ins in the area. And, of course, we drove into Baldwin to participate in the Christmas Eve pageant at Church, only to return the next morning for an additional Christmas Day service.

Like most children, we were happy enough to learn about the birth of the baby Jesus, but we were much more excited about the coming of Santa Claus. I'm not sure that I ever really and truly believed in Santa Claus, but it was one of those myths which seemed to converge with reality. Each Christmas Eve, before being ushered upstairs and into bed, Dad would haul baby Lou (my youngest sister) onto his lap and read "The Night Before Christmas" much to our collective delight. It was one of those Voskull traditions which has been claimed by the next generation. When Father finished reading that Christmas classic, we would pin the largest stockings we could find in our dressers onto the big old armchairs in the living room. We knew that Santa would walk through the unlocked door that night (we had no fireplace) and fill our stockings with all little toys and edible goodies. And, knowing that Santa would be hungry from his cold winter night's work, we always left him a glass of milk and two of Mom's extra-special butter cookies.

Then one year I lost my innocence. Must have been about ten years old. I made the usual preparations for the coming of Santa. After listening to another dramatic rendition of "The Night Before Christmas," I hung a huge white sock (one of those stretchable elastic brands), onto my favorite armchair. Milk and cookies were eaten. But I was asleep when the milk and cookies were eaten. And, I was found with a white sock, I retrieved nothing but a hard, cold lump of coal.

Later, my father explained that I had just experienced one of the rites of passage.

Dennis Voskull
Assistant Professor of Religion
Siblings Enjoy Weekend on Campus

What Is College Like?

by Marla Hoffman

Jill Knapp, age three, has had claim to her sister Joy's teddy bear since August when Joy took off to college. Jean, age seven, has insisted that Joy's picture be in her room before she fell asleep at night. And John, age eleven, has asked questions like, "What is college?" As for Joy's own feelings about being away from her siblings, she explains, "I just want to run and hug every little kid I see.

The Knapp family is one which was able to take advantage of "Siblings Weekend." Scheduled for the weekend of October 23-25, this event was designed by the Student Activities Committee (SAC) to allow younger sisters and brothers of Hope students to visit the family members they miss. Dave Vanderwel, head of the Student Activities Office, explains that Siblings Weekend is an old tradition revived just two years ago, in the spring of 1980. Created to let young sisters and brothers gain a concrete idea of what "college" is, this event also allows high-schoolers, or those considering various college possibilities, to experience life at Hope.

The family-oriented nature of Siblings Weekend causes it, like Parents Weekend, to be a popular "traditional" event.

To accommodate the wide range of ages and interests of the visiting siblings, SAC provided a broad variety of activities this year. Events were geared toward the younger crowd included an OPLS to allow younger and story-telling presentation and the move "Black Stallion." An event which was limited to the older clientele was the mime workshop. Yet, although these particular activities were geared toward specific age groups, most were of the kind of experience that people of any age group could enjoy. The football and soccer games, the International Relations Club Club Fair and the mime show were enjoyed by those in the Hope community whether or not they were accompanied by siblings.

With such a variety of possible activities, the Knapp family was busy trying to track down John's favorite event. All were enthusiastic about the chance to play basketball and go swimming at the Dow Center; and the young visitor made sure that Joy got plenty of workout though she had forgotten her swimsuit. John was happy to share his football knowledge with his older sister at the Saturday game, although the younger two complained of the cold weather and had to go back to the dorm with some friends. Yet despite the excitement, the Sunday John was ready to return home to see his friends and pictures of Joy. Only three-year-old Jill was not the least bit disappointed with the idea of going home. The attention she got, not only from Joy, but from all of Joy's friends as well, led her to decide that she wanted to stay at college. "She wouldn't even give me a kiss good-bye," Joy related.

The all-around favorite activities were everyday events, but ones which required everyone's cooperation. For instance, when Joy was making a gift for her Nykerk secret pal, everyone participated. Jill enjoyed doing some "coloring." Jean enjoyed the chance to "snack" up to someone's room to deliver the gift, and John appreciated the fact that he could understand part of his sister's life by participating in it.

The excitement of staying with Joy at college was obvious in all of the visitors. John explained that he had finished all of his work around the house as quickly as possible in order to hurry to Holland. Jean enjoyed the fun of being back with "someone I can climb on." And Jill grabbed a stuffed lion and struggled to scare everyone with it as she growled it up to their faces.

Siblings Weekend is one of the many family-oriented events that Hope College offers—and the Knapp family made the most of it. Not only did they have time to spend together, but their togetherness led to learning about caring for each other. For instance, John's caring was obvious when he was the first to recognize that Jill's rambunctious scrambles around the room were putting her in danger of hiding her head. Also, for one weekend, Joy experienced the responsibilities of caring for her three younger siblings. "I really don't know how my mother does it," she exclaimed on Sunday after her parents had taken the others home.

By the end of the weekend, Joy was ready to get back to the books. Asked what she thought she would remember most about the weekend, she replied, "The freedom of going to dinner Sunday night without having to worry about the others." But this feeling of relief was combined with a sense of something missing once her younger brother and sisters had left. For all, everyone was more tired on Sunday than they had been on their arrival Friday afternoon, the busy weekend was time well spent—spent together.

Hope student Joy Knapp gave her sisters and brother a generous helping of campus life during their weekend stay on campus. Three-year-old Jill and Jean, age 7, made sure Big Bro got a workout at the Dow Center, while John cued her in on the subtle points of football during the Saturday game.
What's Happening at Hope?

The Arts

December
5 Christmas Vespers, Dimnent Chapel, 8 p.m.
6 Christmas Vespers, Dimnent Chapel, 8 p.m.
10 Music Department Student Recital, Webers Auditorium, 8 p.m.
11 Madrigal Dinner, DeWitt Center, Kizer Area, 6 p.m.

Chemistry Department Seminars

Every Friday Afternoon

If you would like to be put on the chemistry department's email list of events, please contact the department.

Christmas Vespers on the Air

More than 80 radio stations have already indicated they will broadcast the 1981 Christmas Vespers during the holiday season. Contact the station in your area for the day and time.

Curriculum Development for Gifted

Thursday, April 29

A sequel to the conference held October 19. Again led by Nancy Johnson, it will deal specifically with curriculum development for gifted children. Designed for teachers and administrators.

For further information contact Prof. Nancy Miller (616)392-5111, ext. 3030.

Danforth Lecturer

Thursday, February 25

Dr. Roland Bainton, professor emeritus, Yale University, will be a guest of the religion department. Dr. Bainton has achieved prominence in North America in the field of Reformation studies. He has published many books and articles for scholars, the general public and for youth. His famous work, Here I Stand, A Life of Martin Luther, has gone into many printings.

For further information call the religion department, (616)392-5111, ext. 3100.

Eastern Bus Trips

March 2-6 and March 30 to April 3

Each year Hope sponsors bus trips for students from the East Coast who are interested in visiting the campus. The first trip scheduled March 2-6 will leave Wyckoff, N. J., and travel south through New Jersey and Pennsylvania to return to Holland. The second trip scheduled March 30 to April 3 will leave Albany, N. Y., and travel west through New York state en route to Holland. Cost for these trips will be between $175-200 which includes transportation, lodging, meals.

Calendar of Events

Winter Sports

Men's Basketball

Dec. 29, Tiffin, Ohio, 6 p.m.  Dec. 30, Adrian, 3 p.m.
Dec. 31, at Albion, 3 p.m.  Jan. 1, at Kalamazoo, 8 p.m.
Jan. 2, at Calvin, 3 p.m.  Jan. 3, at Grand Rapids, 8 p.m.
Jan. 4, at Hope, 3 p.m.  Jan. 5, at Olivet, 6 p.m.
Jan. 6, at Albion, 3 p.m.  Jan. 7, at Adrian, 8 p.m.
Jan. 8, at Kalamazoo, 8 p.m.  Jan. 9, at Calvin, 3 p.m.
Jan. 10, at Grand Rapids, 8 p.m.  Jan. 11, at Hope, 3 p.m.
Jan. 12, at Albion, 3 p.m.  Jan. 13, at Adrian, 8 p.m.
Jan. 14, at Kalamazoo, 8 p.m.  Jan. 15, at Olivet, 6 p.m.
Jan. 16, at Albion, 3 p.m.  Jan. 17, at Adrian, 8 p.m.
Jan. 18, at Kalamazoo, 8 p.m.  Jan. 19, at Olivet, 6 p.m.
Jan. 20, at Albion, 3 p.m.  Jan. 21, at Adrian, 8 p.m.
Jan. 22, at Kalamazoo, 8 p.m.  Jan. 23, at Olivet, 6 p.m.

Women's Basketball

Dec. 29, at Lycoming, 6 p.m.  Dec. 30, at Fitchburg State, 7 p.m.
Dec. 31, at Calvin, 3 p.m.  Jan. 1, at Albion, 3 p.m.
Jan. 2, at Kalamazoo, 8 p.m.  Jan. 3, at Olivet, 6 p.m.
Jan. 4, at Albion, 3 p.m.  Jan. 5, at Adrian, 8 p.m.
Jan. 6, at Kalamazoo, 8 p.m.  Jan. 7, at Olivet, 6 p.m.
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Jan. 14, at Kalamazoo, 8 p.m.  Jan. 15, at Olivet, 6 p.m.
Jan. 16, at Albion, 3 p.m.  Jan. 17, at Adrian, 8 p.m.
Jan. 18, at Kalamazoo, 8 p.m.  Jan. 19, at Olivet, 6 p.m.
Jan. 20, at Albion, 3 p.m.  Jan. 21, at Adrian, 8 p.m.
Jan. 22, at Kalamazoo, 8 p.m.  Jan. 23, at Olivet, 6 p.m.

Model United Nations

Friday, March 12

The 10th annual Model United Nations is expected to involve over 500 high school students from Michigan and Indiana high schools. The UN is designed to give high school students an opportunity to work on the roles of professional diplomats with the goal of achieving a particular country's national objectives while at the same time learning the role of United Nations.

For further information contact Prof. Jack Holmes at the Political Science Department (616)392-5111, ext. 2209.

Playbill

The theater department will present four productions during the school year in the DeWitt Student and Cultural Center. The box office opens approximately two weeks before each show. For information and reservations call (616)392-1449.

Fri.-Sat., Dec. 4-5
'Trojan Women' by Euripides, adapted for stage by Jean-Paul Sartre
Sat., Dec. 6, 26-27
'An Enemy of the People' by Ibsen
Sun., Dec. 7-8
'Measure for Measure' by Shakespeare
Wed., Dec. 19-20
'Under Milk Wood' by Dylan Thomas

Visitation Days

January 15, February 12, March 5, April 16

Designed for prospective Hope College students (transfers, high school juniors or seniors) who are interested in enrolling for the fall of 1982. Students and their parents are invited to spend a day on campus meeting with students, faculty and staff. Registration begins at 9 a.m. at Phelps Hall.

For further information contact Mr. David T. Westerfield, (616)392-5111, ext. 3090.
Energy Consciousness Abounds Across Campus

by Larry Helder

Deep in the heart of Hope, Joe and Joanne Sophomore were attending a science seminar when a loud noise, like a helicopter landing, startled them. The noise had come from the boiler room, where a boiler had malfunctioned. A sensor had registered the change, and an alarm went off. The Sophomores turned to the computer in the boiler room to check the readings. The computer showed that the boiler had been turned off accidentally, and that the steam pressure was low. The Sophomores quickly corrected the problem, and the computer returned to normal.

This is not the first time that a problem has occurred in Hope's buildings. The Sophomores have received several alerts over the past few months, indicating that the computer is not functioning properly. The Sophomores have tried to solve these problems by themselves, but they have not been successful.

Hope's energy future is one of expansion and growth. The university has plans to expand its facilities, and to add new buildings in the future. The Sophomores are concerned about the cost of these projects, and they are hoping that the university will be able to find ways to save money.

Hope's energy future is one of excitement and change. The university is looking forward to the new buildings and facilities that are planned for the future. The Sophomores are looking forward to the new opportunities that will arise as a result of these changes.

The Sophomores are committed to making sure that Hope's energy future is a success. They are working hard to ensure that the university will be able to meet its energy needs, and that it will be able to do so in an efficient and cost-effective manner.
Science in Focus: Old Perspective, New Imperatives

When Donald Cronkite tells you what it's like to be a biologist, he has a habit of borrowing images from the world of art much as if he were talking about things like painting and sculpture.

His classroom lectures and his activities outside the classroom all indicate that his interest in the history of discovery closely matches his interest in the organism itself.

When you try to find him, he's not always in a position to be found. He's known to be in the library studying, or in the biology department office working on a project.

"It's interesting to see what kind of people are interested in science," he says. "Some people think that the act of doing science is like some kind of madman activity. I think that's a mistake."
Nykerk Oration Not A Lone

by Marla Hoffman

An excited tapping at the door precedes the freshman’s entrance into the sophomore’s dorm room. Suddenly the air fills with electricity: the delivery of a gift, a delicate potted plant, brings the two friends together to share feelings and ideas one final time. Crane of “I’m so excited,” “Are you nervous?” and “Oh—did you feel that way too?” bounce back and forth as the two competitors discuss their final on-stage rehearsals and the Saturday morning pre-Nykerk jitters. Leslie Ortquist and Dawn DeWitt, the orators for Nykerk, 1981, supported each other throughout the progression of their work.

Nykerk, a Hope College tradition. By the time an activity becomes a tradition, it often includes, on the superficial level, a conglomerate of tite phrases and baleful motions. In this superficiality, the Nykerk tradition is no exception. Without thinking twice, any Hope woman could recite, “Nykerk’s Secret Pal and smiling and meeting in the middle.” Yet a kernel of meaning also lies within the sugar-coated layers of any traditional event: in this true spirit of “meeting in the middle” that was demonstrated by this year’s Nykerk orators.

Jeanine, the freshman orator from Saline (near Ann Arbor), Mich., competed in forensics in high school and generally enjoys meeting people and “getting involved.” Dawn, the sophomore orator from Zeeland, Mich., also competed in forensics in high school; she hopes one day to be a speech teacher and debate and forensics coach. Each young woman placed in state-level high school forensics; neither had been previously involved in a Nykerk performance. (Dawn transferred to Hope the spring before her junior year.)

Work this year for the orators involved delving into the theme of individualism. Elana Van Gent, who, along with Leslie Ortquist, coached Jeanine on the 85 oration, explains that the coaches choose a theme according to how it might allow the orators room for personal growth. The less concrete a subject, the more the women must formulate and support their own opinions. “Individualism,” a broad enough subject that all coaches must ask themselves what it means in their own lives, is also an appropriate topic for two women who work on their own, apart from the majority of Nykerk song and play participants.

Each orator had the opportunity to present her own opinions of the chosen theme. Preparation for the big night included everything from researching and writing to memorizing and presenting. Jeanine and Dawn both struggled through their presentations with their coaches’ sentences. By sentence and word by word, both exclaims, “Nykerk is a self-study effort. This individualism shines through the people and into the speeches, for Jeanine’s and Dawn’s speeches—on exactly the same topic—took quite by chance, opposing viewpoints. While Jeanine argued that the self can only be discovered from within before it can be shared with others, Dawn pointed out that learning about oneself can only take place as one interacts with society and integrates her own thoughts with others’ opinions.

If Nykerk were to be compared to the Pull, the emphasis of November 7 would have been on “winning.” But Nykerk is not a competition, though, the energy is channelled into a creative, rather than a competitive, outlet. At Dawn’s coach, Julie Garlinghouse, readily explains, “Nykerk is a celebration of the Hope woman rather than a competition.” Or as Dawn herself said, “It’s helpful to have friends on the side who are willing to listen.”

But Nykerk is not a competition. It is, of course, an event that requires all participants to do their best. This effort is demanded of any performance. In Nykerk, though, the energy is channelled into a creative, rather than a competitive, outlet. At Dawn’s coach, Julie Garlinghouse, readily explains, “Nykerk is a celebration of the Hope woman rather than a competition.” Or as Dawn herself said, “It’s helpful to have friends on the side who are willing to listen.”
A Winter Happening
Saturday, February 6

Schedule of Events
Registration and Coffee
DeWitt Center Klets 9:15 a.m.
Academic Seminars 10 and 11:15 a.m.
Luncheon
Durfee Terrace Room
($5 per person)
Women's Basketball
Hope vs. Albion
Dow Center Gymnasium
Men's Basketball
Hope vs. Concordia Lutheran
Jayvess 12:55 vs Grand Rapids Baptist
Holland Civic Center
Jazz Concert and Refreshments
Holland Civic Center Following the Game

Academic Seminars
(Coffee will be served in the Klets Registration Area beginning
at 9:15 a.m. Each seminar will be offered twice.)

"The Economic and Fiscal Crisis in Michigan: Reality vs. Ideology"
Dr. Robert Cline, Professor of Economics, Peate 22
This seminar will examine the current state of the Michigan economy and the prospects for economic recovery. The discussion will focus on various options available to the State and local governments to encourage economic growth and diversification. Supply-side option to be discussed include property tax reform and possible changes in the State business tax structure.

"Carcinogens in the Environment"
Dr. James M. Gentile, Professor of Biology, Peate 50
The majority of human cancers are of unknown etiology. Cancer is thought to be multifactorial in origin and probably develops in response to various factors including chemicals, viruses, and radiation. Humans may be exposed to potential chemical carcinogens from the food they eat, the drugs they consume and their external environment. Experience with laboratory animals has revealed that most compounds carcinogenic in animals are also carcinogenic in humans. However, due to the cost involved, it is not feasible to test all new and existing chemicals in animals. This talk will focus on the identification of some potential environmental carcinogens using short-term, less costly means of detection, and the implications of the identification of a carcinogen with respect to regulatory decisions in government.

"A Rendezvous with History: The Role of Government"
A Panel Discussion
Dr. Michael P. Proctor, Professor of History, Moderator, Peate 27
The panel is composed of several Hope College professors each portraying a historical personality from different periods of history and adding the issue of “The Role of Government” during the life-time of the personality and connecting it with today.

"Sacbuts, Krumkhoms, and Rackets—Why would a
grown man play them?"
Dr. Robert P. van Naka, Professor of Music, Wichers Auditorium
A demonstration of the instruments used in the performance of music from the Middle Ages and Renaissance times, and a discussion of the music from those periods and its place in society. Early musical instruments will be demonstrated and live and recorded examples of early music will be played.

REGISTRATION
Please return by February 1. Please indicate number of persons attending each event. All prepaid reservations and tickets will be available at the registration desk in the DeWitt Center Klets.

Pre-School Nursery ($3.50)
Elementary Activities ($2.50)
Lunch ($2.00)
Men's Basketball Game ($2.00)
General Admission ($2.00)
Reserved Seats ($3.00)
Students and Children ($1.00)

Send to: Alumni Office, Hope College, Holland, Michigan 49423
Enclosed is my check for __________________ payable to Hope College.

Signed
Address

Name
Class
Parent
Friend

The emphasis on “doing your best” allows the Nykerk tradition of Secret Pals between the freshman and sophomore classes to continue. Admittedly, the “Can’t wait to meet you in the middle—Love, your Secret Pal” statements can easily be shallow and overemphasized. Yet in the 1981 season, the ties between the orators, who were each other’s Secret Pal, were deep and genuine. They found that they alone could relate to each other, for no one else faced the same frustrations, sorrows or joys of producing an oration. A lonely position? It could have been, if Lynn and Dawn had not held their talents against each other. But with the strength of shared experience, Dawn and Jeanne were “men in the middle” in the middle ground of mutual understanding and appreciation—long before the end of the Nykerk performance.

Doing their best, caring about each other, and acting within that spirit of friendship. Those are the Nykerk qualities that allowed a rich friendship to fill the vacuum of the otherwise lonely position of orator. Or, as Jeanne expressed it, “We worked hard and found nothing to do anywhere else but keep up...
Hope Grabs MIAA

League championships in football and men's cross country, along with national recognition for several athletes, highlighted a successful fall sports season at Hope.

At the end of the fall season Hope is in first place in the Michigan Intercollegiate Athletics Association (MIAA) all-sports race, an honor awarded the league member who has the best cumulative performance during the year in both men's and women's sports.

Hope has won the prestigious MIAA all-sports award the past two years. This year, for the first time, the all-sports award is based on finishes in both men's and women's sports. Previously the award was based only on men's sports.

The all-sports standings after the fall season found Hope with 62 points, followed by Albion with 52, Calvin 50, Adrian 46, Alma 35, Kalamazoo 30 and Olivet 19.

FOOTBALL

The Dutchmen won their third MIAA championship in four years behind an explosive defense that averaged nearly forty points per game against league opponents.

The championship was a fitting tribute to 12 seniors who during their college careers posted an 18-3 record against MIAA opponents. Highlight of the season was a 20-3 victory over previously undefeated Adrian.

The Dutchmen won their last five games in a row. Their 6-3 record marked the 10th winning season in 12 years under head coach Ray Smith who retired the 1981 season as the nation's 11th winningest active NCAA Division III coach.

Senior Mark Spencer of Traverse City, Mich., and 12 seniors of Coopersville, Mich., established several Hope career records. Cain led the MIAA in scoring with 33 touchdowns, raising his career total to a school record 220 points. Spencer etched his name on every Hope total offense and passing record. Also contributing to an explosive offense was senior kicker Keith Nelson of Midland, Mich., who tied season records for field goals and extra point conversions.

Nine Hope players were named to the all-MIAA team. Senior defensive end Todd Wolff of Wyoming Park, Mich., was voted all-MIAA for the second year while earning the honor for the first time were offensive tackle Doug Branderhorst of South Haven, Mich., defensive tackle Tim Van Dyke, a junior from Holland, Mich.; center Kurt Brinks, a junior from Zeeland, Mich.; tight end Warren Coopers, a junior from Zeeland, Mich.; tailback Todd Holstege, a junior from Grand Rapids, Mich.; Cain; Nelson; and senior defensive back Mark Conley, a senior from Traverse City, Mich.

Spencer was voted to the Great Lakes All-Academic Football team for the second year in a row. He was selected from 11 quarterback nominees in six states. He is an economics major who carries a 3.7 grade point average on a 4.0 scale.

Wolff was voted the team's most valuable player while Steve Cameron, a senior from Westzester, Ill., was selected recipient of the Allen C. Kinney award which is given by the coaching staff on the basis of maximum overall contribution to the team.

Selected co-captains of the 1982 team were Brinks, Holstege and Dave Daniels, a junior from Phoenix, Ariz.

The 1983 schedule was announced as follows: Sept. 11, at Wabash, Ind.; Sept. 18, DePauw; Sept. 25, Oberlin, Ohio; Oct. 2, at Kenyon, Ohio; Oct. 9, at Albion, Oct. 16, Alma (Homecoming), Oct. 23, at Kalamazoo, Oct. 30, Adrian; and Nov. 6, at Olivet.

MEN'S CROSS COUNTRY

The Dutchmen had another outstanding season, winning the MIAA championship for the sixth straight year and qualifying as a team for the NCAA Division III national meet for the fourth year in a row.

Sophomore Steve Underwood of East Lansing, Mich., became the first runner in MIAA history to qualify for the NCAA Division III national meet and was named the Division III most valuable runner. Business major Underwood, who was voted the MIAA's most valuable runner, finished fourth at the Division III nationals to earn a bid to the national meet.

A strong performance at the league meet earned Hope the league co-championship with Calvin in the third straight year. Calvin took the Dutchmen by one point in a league dual meet, but coach Bill Vanderhill's harriers came running to win the league run and become the co-champions.

Senior Mark Northrup of Grand Haven, Mich., and Underwood were voted to the MIAA all-league team.
All-Sports Lead

Senior fullback Ed Cahn became at least leading Hope scorer as he had at least one touchdown in every game this season.

The Dutchmen were honored as MIAA champions in one of the most balanced seasons ever.

Coach Gregg Afman's Dutchmen lost a pair of one-goal decisions to league-champion Calvin and tied runner-up Kalamazoo twice. Overall, the Dutchmen posted a 11-4-4 record, marking the fifth straight year the team has won ten or more games in a season. The team's eight shutout victories was a school record.

Four Hope players were named to the MIAA all-conference soccer team: Senior Paul Fowler from Albion, N.Y., was named the team's best goalkeeper; senior Vivian Pfeiffer from Naperville, Ill., was named the team's best defender; senior Al Crothers of South Holland, Ill., was named the team's best forward; and senior Al Crothers of South Holland, Ill., was named the team's best forward.

TRI-CAPTAINSHIP

Tri-captain of the 1982 team will be Kamstra, Union, Mich., and Van Winkle, Holland, Mich., and Underwood.

WOMEN'S CROSS COUNTRY

Intercollegiate cross-country women made its debut this fall. The Dutchmen finished fourth in the MIAA standings and were eighth at the AIAW Division III regional race.

Freshman Diane Boughner of Three Rivers, Mich., became the first woman to qualify for the AIAW Division III nationals. At nationals she was 56th among 166 runners.

Boughner was voted the team's most valuable runner while Brenda Vander Werf, a junior from New York, Wis., was voted most improved. Carol Byington, a junior from Traverse City, Mich., and Vander Werf were elected co-captains of the 1982 team.

FIELD HOCKEY

The Dutchmen enjoyed another excellent season, finishing in a tie for second place in the MIAA race and posting a 9-6-1 overall record. Junior Mary Lou Ireland of Neshua, N.H., led the MIAA in scoring with 15 goals while team captain Karen Van Der Heide, a senior from Bozeman, Mont., established a school record for assists in a season.

Seven Hope players were named to the Michigan College Field Hockey team. The team competed in the Great Lakes Sectional tournament. Players named to the honor team were Tanner, Ireland, Melanie Fister, a freshman from Ann Arbor, Mich.; Paula Veldman, a freshman from Red Hook, N.Y.; Mary Gallion, a sophomore from Union Springs, N.Y.; Karen Van Der Heide, a senior from Bozeman, Mont., and Jaci Van Heist, a sophomore from Holland, Mich.

Ireland was selected from the Michigan College team to compete at a national tournament sponsored by the United States Field Hockey Association. She was selected by coach Margie Snyder, also an outstanding field hockey player. Snyder was honored for the ninth straight year.

Ireland was named the team's most valuable player while Van Der Heide and Fister were voted co-most improved. Ireland and Fister will co-captain the 1983 team.

VOLLEYBALL

Hope finished second in the MIAA race for the third consecutive year and were runners-up in the AIAW Division III state tournament.

Senior Al Crothers of South Holland, Ill., was voted the AIAW all-state team. Irish was voted the team's most valuable player in the third straight year while Anne Heidbreder, a freshman from Grand Rapids, Mich., was voted the most improved. Percy was elected captain of the 1982 team.

GOLF

The Dutchmen finished fourth in the seven team MIAA race. Senior Dave Mitchell of Grand Rapids, Mich., tied for eighth place in the MIAA tournament for his personal average. Mitchell was

A True Student-Athlete

by Maria Hoffman

Sieve. Spikedrills. Whistle stops. Pop-ups. Stealing. The everyday vocabulary of a business major (Hardly). Yet these terms are common ones in the life of Faye Berens, a senior and a business major at Hope College. Faye is the first woman at this college to participate in three sports per year throughout her Hope career.

The youngest of four children, Faye grew up closest in age to her two brothers. As kids they never stopped to examine "social rules" when they played together, they simply participated in the activities that they enjoyed. For Faye and the older of the brothers, Warren, this meant basketball. Warren broke many of Hamilton High School's basketball records and Faye was quick to catch her enthusiasm for this sport. The two often practiced shooting hoops at the backyard net together. Before Warren would leave to do his farm chores, he would warn Faye that she had better make a specified number of free throw shots before his return.

From Warren's coaching, Faye moved on to high school sports. Basketball was the first sport she went out for—and by the end of her freshman season, she was on the varsity team. With success under her belt, she got involved in volleyball and softball as well. Her skills in these sports were obvious to those who saw her play; she held her high school records for the most stolen bases in softball and the most points scored in basketball. Elected all-conference once for volleyball and basketball and twice for softball, she was also elected all-state for basketball.

"You've got to stick with it to be good," Faye comments. She has followed her own advice throughout her years here at Hope as she has continued to excel in all three of her high-school sports. Faye was voted the most valuable player in both volleyball (IV her freshman year) and softball (variety her sophomore year), as well as having All-State in softball for three consecutive years. By the time Faye entered Hope, she will have played with the captain of the basketball team two years and on the softball team for three. Last year she received the Barbara Allen Outstanding basketball Award; the plaque reads, "In recognition of dedication to God, school, team, and sport." Sports are certainly an integral part of Faye's life. When asked if she was involved in three teams at Hope, she also plays for both the Holland and the Zeeland slow pitch softball summer leagues.

Having a ball—in a variety of sizes—has been a way of life for Faye Berens during her college years. She is the only Hope woman in the first four-year, three-sport female athlete.

"The time and energy demands that teamwork involves could lead one to wonder how academics and the social side of life are handled. Yet Hope's rigorous academic standards don't allow for the distinction between 'players' and 'students.' Athletes must learn to organize their time appropriately. Asked how her sports involvement has affected her academic work, Faye replies, 'It makes me organize my time better.' Professors have been understanding of the fact that she sometimes must miss classes for afternoon events or weekend tournaments. Yet Faye is careful to keep up her grades. And that she knows how to keep a balance between "playing ball, being a student, and being a person.""

"Faye is the best teacher I've ever had," says Carol Milton, one of Faye's house-mates. "Faye insists that the only way you can play to win is that she has learned that, 'the meaning of winning isn't as important as making the game a positive experi-
Probing 'Middle America'

"You cannot distinguish an educated man by whether or not he believes in God, or in UFOs. But you can tell an educated man by the way he takes hold of the question of whether or not God exists, or whether UFOs are from Mars."

—Wayne Booth, Professor of English University of Chicago

by Eileen Beyer

Beginning in March 24, public television will present a six-part documentary series in which an award-winning filmmaker takes a look at the contemporary condition of the American dream in a town which, for almost 60 years, has had the distinction of being called "typical U.S.A." and, as such, has become a symbol of national identity.

The series, 'Middle America,' has been filmed by Peabody, Emmy and Academy Award winner Peter Davis, who earned national recognition for his imaginative and creative work for the series "The Selling of the Pentagon," and for his documentary of the anguish of the Vietnam War, titled "Hearts and Minds." The Middle America film project has been undertaken, at a cost of more than $4 million by funding agents—natural endowment for the Humanities and Xerox Corporation. Publicity is being handled by a New York City agency, which already is sending out press releases to potential audiences for the big event.

The Middle America film project began over four years ago, not in New York City, but in Muncie, Ind., a community which has been code-named Middletown ever since the mid-1960s when two social researchers, Robert and Helen Merrill Lynds, went there to conduct community studies for which episodes of Muncie, Ind., was the subject of a television series in 1969 from which a number of outstanding students were selected Muncie as the epicenter of the average American city and they went there to probe in more depth the fundamental structures of American life.

A Hope alumnus, C. Warren Vender Hill '60, head of the honors program and professor of history at Ball State University, is one of the originators of the PBS series, "Middle America," which premiered in March. The series consists of six human dramas that are filmed in the "average" American community of Muncie, Ind., and was inspired by well-known community studies conducted there in the 1930s and 1940s. Middletown in Transition, a report of these early studies, hasn't spent much time on the Vender Hill shows since he began working on the film project four years ago.

C. Warren Vender Hill, head of the honors program and professor of history at Ball State University, is one of the originators of a PBS series, "Middle America," which will premiere in March. The series consists of six human dramas that are filmed in the "average" American community of Muncie, Ind., and was inspired by well-known community studies conducted there in the 1930s and 1940s. Middletown in Transition, a report of these early studies, hasn't spent much time on the Vender Hill shows since he began working on the film project four years ago. Photo by Kay Bacon, a sophomore honors student at Ball State.

The premiere of the documentary series, "Middle America," took place on March 24, and has been met with critical acclaim. The series explores the daily lives of people living in a small Midwestern town, and highlights the diversity of experiences that make up the American identity.

The series features six stories that are filmed in the "average" American community of Muncie, Ind., with the goal of providing a more nuanced understanding of American life in all its complexity.

Vender Hill, who was the curator of the film project, has a deep connection to the town of Muncie, as he was raised there and attended Ball State University. He has spent many years researching and writing about the town, and his work has been recognized with numerous awards.

The series has been well-received by audiences and critics alike, and has been praised for its thought-provoking content and its commitment to telling authentic stories of ordinary Americans. It has been described as a powerful reminder of the importance of listening to each other and understanding the diverse experiences that shape our shared humanity.
H-people Are Newsmakers

Literary Winner

Julie Herrick '56, White of South Bend, Ind., received honorable mention in a fiction contest recently sponsored by Ms. magazine. Her story, "The Viewing," placed in the top four of about 800 entries and was announced as a winner in the September issue of the magazine.

"The Viewing" is the story of a new widow who takes a clear-eyed, unsentimental look at the 21 years she spent with her husband and his large Italian family, who still consider her an outsider.

White, who says she's "always been interested in writing," pursued a teaching certificate at Hope. She's now studying writing through a master's of fine arts program offered by Warren Wilson College in North Carolina. The program allows her to study at her work independently at home. She writes fiction and poetry ("In a way, I seem an extension of the other, and they both end up being part of the same thing") and also is an honorary mention winner in the poetry division of Hope's 1979 Alumni Opa contest.

"Ms. magazine had no age limit on its college fiction contest, and the three runners up, myself included, were 23, 30, and 47," White notes. "It made me think that other women, especially those educated in the 30s, were trying to realize some of their earlier goals now. Interestingly, the number of women 35 and older who are enrolled in college has doubled in the past 10 years."

While White has found that different interests can overlapped later in life, sometimes in surprising ways. Her and her husband Dennis recently developed a new avocation, buying and selling at flea markets, and she now combines this new interest with her Hope teaching by offering a class on antiques and collectibles through a local adult education program. In addition to her poetry and fiction, she writes book reviews and feature articles for the South Bend Tribune.

The September issue of Ms. had as its cover story a feature on mothers and daughters going to college at the same time. White adds, "I found that her low-residency writing program "takes a lot of dedication on the part of the faculty and students" (about 20 hours of work per week) but it's growing to be worth the effort.

Biblical Pathfinder

John P. TeLinde '36 spent 30 years in classrooms studying the Bible, completing divinity and missions studies before earning his Ph.D. in philosophy, religion and ethics from Columbia University in 1952. But he learned to read the Bible on the streets of India, where he lived from 1941-1960 while associated with Voorhees College in Valparaiso as professor of English and ultimately president.

"To begin as a missionary there," he says. "In India he saw the Bible through the eyes and understanding of those encountering it for the first time and he discovered that when the Good Book is considered in fragment form, difficult-to-answer questions abound."

During his years in India and since then as professor of English and Bible at Western Theological Seminary, he has pondered how to get people to read the Bible intelligently. His new book, A Path Through the Bible, should help readers see the 66 books that stretch between Genesis and Revelation as one meaningful whole. The contents:

Piet explains in his foreword: "Jonah illustrates the stress or tension in which those who follow the ways of the Bible must live. Terrorism, perhaps, the better word, provides one real overtones of creative possibilities into it. The remaining books flesh out the implications of a word to God to God. Captain readers to look to God with gratitude, to themselves with power, and to the world with expectation and hope.


Community Planner

Thelma K. Leenhouts '66, Ph.D., has been appointed special assistant to Stephen J. Bolinger, assistant professor of community planning and development, at the Department of Housing and Urban Development in Washington, D.C.

Prior to her appointment Leenhouts was an assistant professor in the speech communication department at the University of Wisconsin-River Falls. She received her B.A. in speech and theatre from Hope and her M.A. and Ph.D. in speech communication from the University of Michigan.

During the 1980 Presidential campaign Leenhouts served as a national advance person for George Bush, traveling to nine States in his behalf. She also worked at HUD from university teaching, but I'm excited about the position and the responsibilities and challenges that come with the new position. She began her position in June.

She is the daughter of Jack '37 and Thelma Koekkoek '38 Leenhouts.

Surgeon Speaks His Name

Surgeon serves one of America's foremost hospitals now bear the name of Hope alumna Richard W. TeLinde '17, a Baltimore gynecologist whose research was the basis for the development of the widely used Papanicolaou test for cervical cancer.

TeLinde was honored for his important contributions to the study of gynecological pathology at the meeting of the Johns Hopkins Medical and Surgical Society last spring. After the meeting, the Johns Hopkins Hospital Richard W. TeLinde Gynecological Surgical Suites were dedicated.

Professor emeritus of gynecological pathology at the Johns Hopkins School of Medicine, TeLinde was chairman of the department of gynecology for 21 years. He retired from the university in 1960 and entered private practice in the field of medicine until 1974.

After studying at Hope for two years, he graduated from the University of Wisconsin. He received his medical training at Johns Hopkins, where he was a member of Alpha Omega Alpha. He completed both his internship and residency in gynecology at Johns Hopkins Hospital and the university's School of Medicine and chief gynecologist at Johns Hopkins Hospital in 1959. Throughout his career he was active in the American Gynecological Society, serving as secretary-treasurer of the state and as president of that organization.

In 1938 TeLinde and an associate Dr. Gerald Walcott, then director of the Johns Hopkins Hospital, demonstrated the relationship between anemia in anemia and invasive cancer. In 1938 and 1943, organized the first Papanicolaou smear test for discovering cervical cancer in its early, curable stage. In 1941 he and his associate tested intervertebral disc disease and was one of the first to use the礼器 to treat such conditions.

"I'm looking forward to meeting my surgical colleagues" at Hopkins, TeLinde said. "I am pleased to be here and look forward to working with the physicians and nurses."

Heads New Division

Harvey B. Hoffman '64 has been named executive vice president and chief executive officer of the newly established U.S. Division of Lincoln First Bank, N.A. of New York.

The U.S. Division is responsible for all noninternational activities of the bank outside its five New York State divisions. Hoffman was a senior vice president of Lincoln First Bank Corp. between 1973 and 1978. He was then promoted to manager of the mortgage banking division. He holds a degree from Stanford Graduate School of Banking.

He and his wife, the former Sharon Burrell '64, and their two sons now reside in Rochester, N.Y.

Youngest Manager

At 21, he's the youngest city manager in the country. John Weiss '81, recently appointed to the municipal helm in Cooperville, Mich., hopes that record of his managerial skill plan will follow all the newspaper stories that have emphasized his youthful habits (like wearing dockers on the job and being excited) for being allowed to afford a color TV.

What does it matter if you're 21 or 51? he says. "You've just got to get the job done."

Weiss' track record easily inspires confidence. He carried his Hope degree, with honors, in just three years, majoring in political science. While in school he served on Ottawa County committees and was administrative assistant to Rep. James Dresel, R-Holland. He also managed campaigns for Dresel and Ottawa County Clerk Dan Krueter '66, an assistant to Hope's provost and an announcer at local radio station.

It's enough to turn anyone's hair grey, and that's exactly what's happening to Weiss. But in his business, anything that inspires an air of maturity can't be considered premature. Given all the hoopla his dockside duties, his graying hair just may be perfect timing. One newspaper noted, in fact, that the three-years-old high-school city manager could pass for—well, not a day younger than 26.

"Cooperville is a small town that after 30 years is beginning to show signs of coming to life. A General Motors Corp. plant will open there in a few months and there is a battle underway to stop a private developer from building a landfill on the city's edge. And it can't be overlooked that Cooperville is now on its fourth city manager in less than a year."

Weiss entered this Rep Van Winkle town right after graduation when he became its assistant city manager. For city manager in return of the respect of city officials, including the 53-year-old mayor, who claims that with Weiss' "youth and vigor, things will be moving in Cooperville."

"You've got to set goals," Weiss says. "That's important, especially for young people. Know what you want, so when it comes you can grab."

"You wouldn't believe it without them—because they don't know they want them."

Already predictions abound that Cooperville won't be bested by another you-yes, goal-setting city manager for long.

Outstanding Investigator

Theodore R. Oegema Jr.'67, Ph.D., associate professor of biochemistry and orthopedic surgery at the University of Minnesota, was awarded the kappa Delta Sorority award for young investigators by the American Academy of Orthopaedic Surgeons at their recent meeting in Las Vegas for his work in the area of orthopedic surgery. He presented a paper describing changes in the structural molecules of the intervertebral disc and speculated on possible relationships to function. This work may have application to low back pain, the leading cause of work-related disability in this country.

Oegema is pictured receiving award from Ruth Dalberg, national treasurer of Kappa Delta Sorority.
class notes

Puppets Capture Imaginations

Picture this. It's the middle of the afternoon and you're played out, and now you're feeling sorry for yourself. You're sitting at your desk and your phone rings. Your friend, who is a puppeteer, tells you about the puppet show they are working on. They are excited because they are bringing a new character to life. The character is a bedraggled old man who is talking about his past adventures. You hang up, feeling a little more revivified, and start thinking about all the things you could do with that character. You start to think about all the different ways you could use puppets to tell stories and entertain an audience. You might even start to think about creating your own puppet show. This is the power of puppets. They can bring stories to life and make us laugh and cry and think. They are a wonderful tool for storytelling and they can be used in so many different ways. So the next time you are feeling down, give a puppet a try. They might just help you feel better.

Houlihan '52, recently traveled to Moscow, Minnesota, where Gene collected soil samples to be tested for antibiotic activity.


Suzanne H. Brink '30 is working on a year-long project with a RCA church in the central area of Montréal. She lives in Ottawa, and is the editor of the Ottawa Evening Journal.

Paul Kranendonk '50 is the senior pastor at the Poynton Lakes (N.Y.) Reformed Church.

Lisa Stevens '59 Schuppert is the program chairman of the flower show held at the Cedar City Botanic Gardens, Grand Rapids, Mich. She is also responsible for the organization of the activities for the Rivermead Community Center in the Allied Airway.

Bruce Turkstra '64 is a senior vice president and director of the First National Bank of New York.

The Rev. Robert A. Brandreth '68, chaplain at the United Methodist Church, received the Helen Mahaffey Award for his work in mental health and counseling.

Puppets Capture Imaginations

The Rev. Roger L. Kleinbeck '60 is the senior pastor of the Fellowship Reformed Church, Holland, Mich., and he's serving on the board of the new Mid-West America Reformed Church in Orange City, Iowa.

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The Rev. Richard Bakker '63 is the pastor of the Reformed Church in New York, N.Y., and he's serving on the board of the new Mid-West America Reformed Church in Orange City, Iowa.

The Rev. Robert A. Brandreth '68, chaplain at the United Methodist Church, received the Helen Mahaffey Award for his work in mental health and counseling.

Puppets Capture Imaginations

The Rev. John B. DeValder '65, associate professor of music at Western State Teachers College, received the 1983 conference of the Association for Music Therapy, Oct. 13-17, in East Lake, Colo.

Leslie J. Clark '60 Hirsh is studying the Suzuki violin method at Michigan State University, East Lansing, Mich., as well as playing in a number of musical groups.

Douglas Collins '67 is teaching at the University of Arizona. He recently published a book called

"My Old Friends"

Send to Alumni Office, Hope College, Holland, Mich.
News from Hope College, December 1981

Class of '26 Celebrates 55th

The Class of 1926 held a first-time-ever 55th reunion. The Class of 1926 is claiming this is the first class to celebrate 55 years since graduation from Hope. The Alumni Office notes that, in 1927, 152 Hope women enrolled as freshmen. Of those 152, 67 are still living. Twenty-five of them, along with their spouses, attended the gala event and reception at the Point at the shores of Lake Macatawa on Oct. 8. The good food and fellowship was enjoyed by all. Class members came from as far as California and Arizona. The reunion was planned by Jim Ver Meulen, Margaret Anderson de Pre, Al Schaaf, and Ruth Nickel.

A review of the 55 years since graduation shows that 75.2% of the class entered the professions and 16.8% earned doctoral degrees. During the years that records have been kept on Annual Fund participation, an average of 67% of annual fund participation. Among those participating in the Annual Fund, the class participates in capital building activities, the endowment of Hope, and members are remembering Hope College by way of annuities and wills.

Science in Focus: The Old Perspective, New Imperatives

continued from page 7

credited more directly to a general human endeavor to make ends more important than means; rather than to science (as an enterprise). Crone states that the benefits to be gained from the manipulation of bacterial genes—such as the biochemical manufacturing of hormones, drugs and vitamins—may be taken to a kind of world-changing action. Genetic engineering has introduced new technologies which can be applied to other kinds of biological research and which may help to take our understanding of genes and studies to the molecular level. At the same time, Cronin says there are legitimate fears associated with the development of genetic engineering.

In principle, if we can do it with bacteria, we ought to do it with people as well. It's the same technology applied to people that we talk about. I don't like to think of people as things that can be manipulated by industry.

This is a totally new science and public increasingly is being regarded as an imperative. It seems that more and more, scientists have been both bewildered and amazed. Cronin admits that it's not always easy for scientists to convey what they've been up to to the general public. Whatever a scientific world-view is taken seriously, it seems to me that there's room for an account executive, the kind of being able to make decisions and be responsible for them.

Also gets us into questions like, What is nature? What do we mean by human nature?

All indications are that science in America is in greater need of public support than ever before. Federal funding of research is likely to decline, but that is the least of the problems. The general population needs to become more literate in science, and scientists need to speak in terms that are understandable to the general population. And, if a scientific world-view is taken seriously, it seems to me that there's room for an account executive, the kind of being able to make decisions and be responsible for them.

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That Thirst Doesn't Mean You're Thirsty

You've probably always thought that you feel thirsty because your mouth gets dry. Not so, says a Hope College biology professor.

The sensation of thirst is aroused through two separate mechanisms, one of which appears to be more important in the earlier stages and one in the later stages of water deprivation. Dr. Christopher C. Barney, assistant professor of biology, discussed the two mechanisms and the role each plays in arousing thirst at a recent meeting of the American Physiological Society in Cincinnati, Ohio.

Dr. Barney's research is one of numerous projects around the world designed to tell us more about how our bodies work.

Dr. Barney joined the Hope faculty in 1980. He received the B.S. degree from Wright State University and the Ph.D. from Indiana University.

Until quite recently scientists thought that the sensation of thirst was caused primarily by the dryness of the mouth that follows water deprivation. Now scientists believe that thirst and drinking are controlled by two mechanisms which they have described by the "double-depletion model.

According to the model, there are two water compartments—one inside the cell and one outside—which are depleted of water during water deprivation. The depletion of these two water compartments leads independently to the sensation of thirst. During water deprivation, water leaves the cells causing them to shrink. Special cells, called osmoreceptors, found in a part of the brain known as the hypothalamus and in portions of the gastrointestinal tract, respond to this water loss by triggering a series of nervous signals which eventually lead to drinking.

Water is also lost outside the cell—the extracellular compartment—during water deprivation. This loss leads to a decrease in the volume of blood and tissue fluids. The decreased fluid volume is followed by a drop in blood pressure and the release of the chemical renin from the kidneys. Renin increases the formation of angiotensin II, a hormone that acts at the hypothalamus to cause drinking. Neural signals from pressure receptors inside blood vessels may also stimulate drinking.

Dr. Barney and his fellow investigators, Dr. Melvin Fregly and Dr. Ross Threatte of the University of Florida, were interested in finding out the role each compartment plays in arousing thirst during different periods of water deprivation. In research supported by a Hope College Faculty Development Award and a grant from NASA, they studied laboratory rats deprived of water for various lengths of time up to 48 hours. The animals were then given captopril, a substance which inhibits the formation of angiotensin II, and allowed access to water.

The researchers found that captopril did not have any effect on water intake after the first 12 hours of water deprivation, indicating that angiotensin II is not necessary to stimulate drinking during this period. But after 24, 36, and 48 hours of water deprivation, captopril inhibited water intake. And the percent inhibition of water intake increased with increasing length of water deprivation, indicating that the formation of angiotensin II becomes increasingly necessary for thirst arousal as the length of water deprivation increases.

The investigators also found that serum osmolality and sodium concentrations, factors which reflect intracellular thirst stimulation, increased by 12 hours of water deprivation but changed very little thereafter. Furthermore, measurements of plasma renin activity, which reflect the amount of angiotensin II, did not increase significantly until 24 hours after water deprivation. Renin activity increased with greater lengths of water deprivation.

Dr. Barney's data clearly indicate that the thirst which follows water deprivation is caused by a depletion of both the extracellular and intracellular compartment. The intracellular compartment appears to be more important in the early period of water deprivation; the extracellular compartment becomes more important later.

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Sat., Jan. 23 - Kalamazoo, 8 p.m.
Wed., Jan. 27 - Calvin, 8 p.m.
Wed., Feb. 3 - Olivet, 8 p.m.
Sat., Feb. 6 - Concordia, Mich., 3 p.m.
Wed., Feb. 10 - Alma, 8 p.m.
Sat., Feb. 13 - Adrian, 8 p.m.
Wed., Feb. 24 - Albion, 8 p.m.

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