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 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 peacefully off to bed or 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 fill 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 afresh 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.

Gordon J. and Margaret Van Wylen
Christmas 1981
Guest Scholars Bring
Vital Learning Dimension

Rarely does a week go by at Hope without the visit of at least one guest scholar. They come from an array of Western Theological Seminaries across the street from Hope's campus, or from more distant places like Stanford University, or Boston, New York. Although some of these scholars are invited to Hope to give campus wide addresses on subjects of interest to the entire Hope student community, 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 Hope's traditional hosts, many of these scholars depart in true fashion—invited to a complimentary pair of wooden shoes in hand. News from Hope focuses on one of these recent visitors.

by Beth Schilling

"How 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. Dr. Evans does carpentry for a hobby, but his specialty is building molecules. "My father (a carpenter) once told me that if he had to do it over again it 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 30 years of age, he is a recognized leader in organic chemistry research—specifically in methodology and design. Evans develops methods to construct complicated, 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 therapeutic, 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 the chemistry field. He received his A.B. from Oberlin College in 1963 and then did his thesis work under Robert E. Ireland at Cal Tech. After earning 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 basketball fan and has a daughter, loves to do carpentry work, coaches his daughter's softball and soccer teams, and hikes in the mountains with his family.

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 Designs for Construction of Complex Molecules was held. Industrial and academic real chemists were the invited speakers and gave lectures throughout the day to over 120 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 nature of his approach." Evans' work, which has implications far-reaching into the future, has been attempted by many others, but he is the first to bring it to successful fruition.

But Evans came to Hope mainly to talk with students and faculty. He lectured in three chemistry classes, Structure, Dynamics and Synthesis, Biochemistry and Organic Chemistry, spoke with the Presidential Scholars, attended the Student Research Forum, gave an all-college lecture, ate meals with students and faculty and also met with them informally throughout the weekend. 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 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 joined the faculty of UCLA. Now that he can objectively reflect on his educational experience, he appreciates his liberal arts education and feels strongly that deciding on a college with only an 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 if I wasn't hesitant...they are not exactly Holodeck-like settings, they are not exactly Holodeck-like settings, they are not exactly Holodeck-like settings..."

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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 we decided to continue a formal and public observance.

One of my colleagues in the music department, Miss Janita Hollerman, and I decided that a seasonal musical program or presentation 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 vivid — I had little trouble in getting other members of the music department to participate — the big problem was to get students and the general public to attend.

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

As the years went by, Vespers (I’m now aware of it being a misnomer — but more of that later) was my “tortured spell.” I was not sure I believed in the putting forward of music and I was not sure I even had the opportunity to present that Christmas could begin to compare. Nothing would do but that I would continue to try to blend the expertise of the three choirs and to break all traps every morning and again at night. So, don’t you see how useful a pair of skis would be?

Through what Christmas magic, I actually received my skis, I’ll never know. But more beautiful ones I had never imagined. Splendidly long in our crowded living room, sleek polished, all spayed to present that Christmas could begin to compare. Nothing would do but that I would continue to try to blend the expertise of the choirs and to break all traps every morning and again at night. So, don’t you see how useful a pair of skis would be?

When I look at my stock of skis, I truly believe there’s nothing more beautiful than a pair of skis. And, knowing that Santa would be happy to have his little helper on his lap, I thought I’d better leave him a shot of milk and cookies and a note. Then one year I lost my innocence. Must have been about ten years old. I made the annual preparations for the coming of Santa. After listening to another sermon on the traditional rendition of “The Night Before Christmas,” I hung a large white sock (one of those stretchable elastic brands), on my favorite armchair. Milk and cookies were set aside for Santa. I went to bed and actually slept for a couple hours before my little sister woke me up with news that it was already dawn and time to open the Christmas stockings.

As I looked at my stocking, I knew that the world would never be the same again. Santa Claus had come alright. My little sister had been given a sockful of goodies, and the milk and cookies were eaten. But I found a message in the long 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 Voskuil
Assistant Professor of Religion
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 enjoy them so much sometimes...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 Vanderheul, 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, who may be 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 which were geared toward the younger crowd included an OPLS, activity, story-telling presentation and the movie "Black Stallion." An event which was limited to the older siblings was the mime workshop. Yet, although these particular activities were geared toward specific age groups, most were the sort of experience that people of any age group could enjoy. The football and soccer games, the International Relations Club Food 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 had kids trying to track down sibling's favorite event. All were enthusiastic about the chance to play basketball and go swimming at the Dow Center, and the young Knapps made sure that Joy got plenty even 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, by Sunday John was ready to return home to see his friends and Jean was ready to see her parents again. Only three, year-old Jill was not the least bothered 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 goodbye," 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" in a glow with the chance to "shock" 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 home as quickly as possible in order to hurry to Holland. Jean expressed the fun of being back with "someone I can climb on." And Jill giggled a stuffed lion and attempted 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 bumping 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 those everyone was more tired on Sunday than they had been on their arrival Friday afternoon, the busy weekend was time well spent—spent together.
What's Happening at Hope?

The Arts

December
5 Christmas Vespers, Dimnent Chapel, 8 p.m.
6 Christmas Vespers, Dimnent Chapel, 2, 4:30 & 8 p.m.
10 Music Department Student Recital, Wevers Aud., 7 p.m.
11 Madrigal Dinner, DeWitt Center, Kizer Area, 7 p.m.

Chemistry Department Seminars
Every Friday Afternoon
If you would like to be put on the chemistry department's weekly mailings list, write to Hope College Chemistry Department, P. O. Box 290, Holland, MI 49423.

Christmas Vespers on the Air

More than 60 radio stations have indicated they will broadcast the December 28 annual Christmas Vesper service during the holiday season. Contact the station in your area for the day and time.

Critical Issues Symposium

March 3-4

Theme of the 3rd annual symposium will be Relationships in Transition. The Future of Marriage and the Family.

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 preeminence 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 trip scheduled March 2-6 will leave Wyckoff, N. J., and travel south through New Jersey and Pennsylvania en route to Holland. The second trip scheduled March 30 to April 3 will leave Albany, N. Y., travel west through New York state en route to Holland. Costs for these trips will be between $25-3000 which includes transportation, lodging and meals.

calendar of events

Winter Sports

MEN'S BASKETBALL
Nov. 29, Tiffin, Ohio, 6 p.m.
Dec. 3, Adrian, 7 p.m.
Dec. 5, at Adrian, 7 p.m.
Dec. 7, at Alma, 8 p.m.
Dec. 9, at Aquinas, 8 p.m.
Dec. 12, at Concorida, Ill., 8 p.m.
Jan. 5, at St. Mary's, 5:30 p.m.
Jan. 6, at Calvin, 7 p.m.
Jan. 9, at Albion, 8 p.m.
Jan. 11, at Kalamazoo, 8 p.m.
Jan. 13, at Wayne State, 5:30 p.m.

WOMEN'S BASKETBALL
Dec. 1, at Olivet, 7 p.m.
Dec. 4, at Alma, 7 p.m.
Dec. 6, at Albion, 7 p.m.
Dec. 9, at Kalamazoo, 7 p.m.

SPORTS

Volleyball

Women's: Dates to be announced.

Dances

Mar. 5, 7 p.m., Cedar Crest, 7 p.m.
Mar. 9, 7 p.m., Calvin, 7 p.m.
Mar. 12, 7 p.m., Kalamazoo, 7 p.m.
Mar. 16, 7 p.m., Hope, 7 p.m.
Mar. 19, 7 p.m., Hope, 7 p.m.
Mar. 23, 7 p.m., Hope, 7 p.m.

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 1981. 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 Phillips Hall.

For further information contact Office of Admissions.

Young Authors' Conference

Thursday, April 15

A conference in which children, grades K-6, share books they have written under the direction of their teacher. The conference is designed to encourage children to write, to motivate children to write and to demonstrate to children that others write and are interested in what they write. At the conference children participate in a variety of creative imaginative activities. Featured resource person will be author Margie Frank.

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

Youth Days

Basketball Youth Day—February 6

Youth groups of the Reformed Church are invited to attend. These events are designed more as an activity and do not focus on college enrollment as Visitation Days do.

Advance registration is required. Contact Office of Admissions.
Energy Consciousness Abounds Across Campus

by Larry Helder

Deep in the heart of Hope, two departments were attending a seminar where they both learned that their buildings were proving faulty in their hot water heating systems. A sensor noted the change and sent a signal to alert the Hope's telephone system to a possible malfunction. This led to a timely, well-executed replacement of the heating and air conditioning systems. The new systems are expected to save the university $100,000 per year in energy costs.

The seminar was sponsored by the Hope College Physical Plant, and the attendees were impressed by the potential savings. The seminar included a presentation by William Anderson, who discussed the process of selecting a vendor for the project. Anderson emphasized the importance of choosing a vendor that is familiar with the campus's needs.

The seminar also included a demonstration of the new heating and air conditioning systems. The demonstration showed how the systems work and how they can be used to save energy. The attendees were impressed by the energy savings and the improved comfort levels.

The seminar concluded with a Q&A session, where attendees had the opportunity to ask questions and share their thoughts on the new systems. The attendees were generally positive about the new systems and their potential to save the university money.

The seminar was well-received, and the attendees were left with a clear understanding of the benefits of the new systems. The seminar was a success, and the attendees were optimistic about the future of the campus's energy efficiency.

END OF REPORT
Science in Focus: Old Perspective, New Imperatives

When Donald Cronkite tells you what it's like to be an ecologist, he has a habit of borrowing images from the world of art more than of talking about things like pest studies and magnification levels. His classroom lectures and his activities on the side all indicate his interest in the history of science and how it has contributed to the present.

With some poets, it is not unusual for them to fade down a little as they say something, and then briefly gaze out into a nearly pocket of unpeopled space to ponder—and yet, even enjoy—his uncertainty.

'The interested in students getting a clear view of what scientists are up to, not just what we know,' he told yesterday. 'I want them to read papers, to look at the evidence, to know something about the experimental process... I want science students to discover the ways that science is like the other liberal arts— it's creative activity, not just something to be known.'

When I ask him what, in the light of his research in biology—physically distinguished by a wirey, bouncy in his step, and an aura of hair that never clears under his collar and yet survive his forehead in front of an impressive scientist, and that he advocates a hit-or-miss approach to the study of science.

'For me the term 'creative activity,' you can run into some mistaken notions of just what that means. Some people think that creativity is something you can pull out of thin air, without needing many resources of your own.'

Cronkite's interest in the history of science has resulted in new information on the early history of the field. Professor, Samuel O. Mast, who joined the faculty as a young man in 1969 was Hope's first biologist.

Cronkite knew about Mast long before he knew about Mast's connection to Hope, or, for that matter, before he knew much about a liberal arts college in Holland, Mich. Although Mast had been at Hope for nearly a decade, it was his first teaching engagement as a grad student. In 1990 he left to earn his Ph.D. from Harvard and later accepted a teaching position at Johns Hopkins. In 2000 he left the instructorship at Johns Hopkins to replace a world-renowned, well-known biologist. Particularly noteworthy, says Cronkite, were Mast's studies of amoeboid motion and the physiology of the living cell. It was for its use in a wide variety of studies on cell biology. Mast also was known for a book he published in 1911 which dealt with research on various reactions to light. Like most biology students, Cronkite had come across Mast's name in his undergraduate studies. He learned more of the eminent biologist while earning his Ph.D. at Indiana University in the early 1970s because his advisor had been one of Mast's students at Johns Hopkins. In 1972 Cronkite took his first research job at The University of Redlands in California, and there he met another biologist who was well acquainted with the work of Mast. Cronkite didn't learn of Mast's work on amoeboid motion and the physiology of the living cell until he read a paper at the University of Stanford. Often he has not even been that the S.O. Mast gave two brief mentions in that book of his work.
Nykerk Oration Not A Lone Effort

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 planted plant, brings the two friends together to share feelings and ideas one final time. One of them exclaims, "Are you nervous?" and the other reasons, "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. 

Jeanine and Dawn DeWitt, the orators for Nykerk, 1981, supported each other throughout the progression of their work. Nykerk, a Hope College tradition, is a true activity that becomes a tradition itself. It often includes, on the superficial level, a conglomerate of trite phrases and blithe 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: it is the true spirit of "meeting 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; the hope one day to be a speech teacher and debate 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 this year.)

Work this year for the orators involved delving into the theme of individualism. Elena 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" is a broad enough subject that all considering it must ask themselves what it means in their own lives; it is also an appropriate topic for the two women who worked 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 by word by word in attempts to express themselves clearly as never before. This individualism shone through the people and into the speeches. Jeanine's and Dawn's speeches—one 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 recognizes her own thoughts with others' opinions.

If Nykerk were to be compared to the Pull, the emphases of November 7 would have been "winning." But Nykerk is not a female version of the Pull, 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 channeled into a creative, rather than a competitive, outlet. Dawn, her coach, Julie Garlinghouse, readily explains, "Nykerk is a celebration of the Hope woman rather than a competition." Or as Dawn said, having summed up the Nykerk tradition.
A Winter Happening

Saturday, February 6

Schedule of Events
Registration and Coffee
DeWitt Center Kletz
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
1 p.m.
Men's Basketball
Hope vs. Concordia Lutheran
Jayrees 12:55 vs Grand Rapids Baptist
Holland Civic Center
3 p.m.
Jazz Concert and Refreshments
Holland Civic Center Following the Game

What About Our Kids?
We will provide supervision, food, and activity for your children while you attend the seminars and luncheon.

Pre-School Nursery
The Alley, DeWitt Center
Hours: 9:30 a.m. to 2 p.m.
Cost: $3.50 including lunch

Elementary Activities
At the Dow Center, including lunch and activities. Bring a swim suit if you wish to swim. 9:30 a.m. to 2 p.m.
Cost: $3.50 including lunch

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 Kletz.

Pre-School Nursery ($3.50)
Elementary Activities ($3.50)
Luncheon ($5.00)
Men's Basketball Game ($5.00)
General Admission ($5.00)
Reserved Seats ($5.00)
Students and Children ($1.00)

The emphasis on "doing your best" allows the Nykerk tradition of Secret Pals between the freshman and sophomore classes to continue. Generally, the "Can't wait to meet you in the middle—love, your Secret Pal" statements can easily be swallowed and forgotten. Yet in the 1981-82 season, the ties between the seniors, who were each other's Secret Pals, were deep and genuine. They found that they could relate to each other, for no one else shared the same frustrations, struggles—or joys—of being a freshman. A lonely position? It could have been, if anyone had a chance to relate to each other. But with the strength of shared experiences, Dawn and Jeanie formed "team in the middle"—in the middle ground of mutual understanding and appreciation—long before the end of the Nykerk season.

Dining their best, caring about each other, and acting within that spirit of friendship. These are the Nykerk qualities that allowed a rich friendship to fill the vacuum of the otherwise lonely position of orator. Or, as Jeanie expressed it, "We were not really looking to do anything else than to keep up
Hope Grabs MIAA

League championships in football and men's cross-country, along with national recognition, have helped highlight a successful fall sports season at Hope. At the end of the fall season Hope is in first place in the Michigan Intercollegiate Athletic Association (MIAA) all-around standings. "They're the best team we've had," said coach "for twenty years," coach Underwood, who was voted the MIAA's most valuable player.

FOOTBALL

The Dutchmen won their third MIAA championship in four years behind an explosive offense that averaged nearly forty points per game. "They're the best team we've had," said coach Underwood, who was voted the MIAA's most valuable player.

Senior Mark Spencer of Traverse City, Mich., was selected recipient of the Allen C. Kinney award which is given by the coaching staff on the basis of overall contribution to the team and off-the-field leadership.

MEN'S CROSS COUNTRY

The Dutchmen had another outstanding season, winning the MIAA title for the second 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 in the nation. Underwood, who was voted the MIAA's most valuable runner, finished fourth at the Division III championships to earn a spot on the national team. Underwood is the first runner in MIAA history to qualify for the NCAA Division III national meet.

A strong performance at the league meet earned Hope the league co-championship with Calvin College in the team standings. Calvin captured the Dutchmen by one point in a league dual meet. Coach Bill Vanderbelt's harriers came from behind to win the race and earn the co-championship.

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

A True Student-Athlete

by Maria Hoffman

SEAN SPIKEDRILLS. Three-man weaves. Whistle stops. Pop-ups. Stalling. The everyday vocabulary of a business major hardly. Yet 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. (see page 12)

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, simply participating in the activities they did. 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 his 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 specific 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 starting 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 each for volleyball and basketball and twice for softball, she also was elected all-area for basketball.

"You've got to stick with it to be good," Faye comments. She has followed her own advice throughout her years at Hope as she has continued to excel in all three of her high-school sports and be a valuable player in both volleyball (IV her freshman year) and softball (various her sophomore year). She also has been All-State in softball for three consecutive years.

Her dedication paid off as she was elected in three teams at Hope, but she also plays for both the Holland and the Zeeland slow pitch softball summer leagues. She takes for granted the fact that, throughout her entire scholastic year, she must organize her studies and social life around practices and events. Her involvement during the school year is continuous, the various seasons overlap in such a way that the time Faye finishes her volleyball season, she already has missed three weeks of basketball practice. The basketball and softball seasons overlap in a similar manner.

The time and energy demands that teamwork involves could lead one to wonder how academic success in the life of the athlete. 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 life, 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 not to abuse their acceptance of her schedule: "I try not to bug them with handing in late papers or posting tests—otherwise it gives sports a bad name."

When sports seem to demand such commitment, and time for herself is at a minimum, what makes Faye remain so involved? First of all, sports become her relaxation. Not only does she find the competition and physical activity to be enjoyable, but she also believes that sports involvement is a great way to meet people. "Knowing and interacting with different kinds of people is something you'll have to do all your life," Faye explains. She claims that experience is the best teacher—and that the things she learns on the courts or in the fields could not be learned just by reading books.

All seniors view their school lives differently than they did during their freshman year. And Faye, "she still likes to play, but she's not so competitive," says Carol Miklos, one of Faye's house-mates. Faye insists that the continues to "play to win," but that she has learned that, "the meaning of winning isn't as important as making the game a positive experience."

\[\text{News from Hope College, December 1980}\]

SOCCER

The Dutchmen were dethroned 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 an 11-4-3 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 of Albany, N.Y., was named to the honor team for the third straight year while replacing him for the second year were Junior Todd Knauff of Farmington, Mich. and sophomore All-Cutters of Wheaton, Ill. Named for the first time was senior Scott Savage of Rochester, N.Y.

Women's Cross Country

Intercollegiate cross country for women made its debut this fall. The Flying Dutch finished fourth in the MIAA standings and were eighth at the AIAW Division III midwest regional run.

Freshman Diane Boughner of Three Rivers, Mich., became the first woman to qualify for the AIAW Division III nationals. At nationals she was 57th among 163 runners.

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

FIELD HOCKEY

The Flying Dutch enjoyed another excellent season, finishing in seventh place in the MIAA race and posting a 9-6-3 overall record. Junior Mary Lou Ireland of Neshau, N.H. led the MIAA in scoring with 15 goals while team-mate Brenda Vander Werf tied for the MIAA 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 Tamminga, Ireland, Melanie Wanne, a freshman from Ann Arbor, Mich.; Paula Veldman, a freshman from Red Hook, N.Y., Mary Galffy, a sophomore from Union Springs, N.Y.; Karen Van Der Lents, a junior from Hawthorne, N.J.; and Jaci Van Heest, a sophomore from Holland, Mich.

Ireland was selected from the Michigan College field hockey team to compete at a national tournament sponsored by the United States Field Hockey Association. She was joined by coach Margie Snyder, an outstanding field hockey player. Snyder was invited to the nationals for the first 10 years.

Ireland was voted the team's most valuable player while Van Der Heest and Wanne were voted co-most improved. Ireland and Tamminga 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 Blue team of Elis Verdo, P.R. and sophomore Linda Perry of St. Joseph, Mich., was voted to the AIAW all-state team. Perry was honored for the third straight year.

Jerez was also voted the team's most valuable player for the third straight year while Anne Hendrickson, a freshman from Grand Rapids, was voted the most improved. Perry 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 standings for his season average. Mitchell was named to the All-Michigan team.

\[\text{Sports Roundup} 11\]
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 certified as "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 documentary work which exposed the Vietnam War to the American people. The Middletown Film project has been undertaken at a cost of more than $3 million by funding agencies for its National 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 Middletown film project began over four years ago, not in New York City, but in Muncie, Ind.—a community which has become code-named Middletown ever since the mid-1920s when two social researchers, Robert and Helen Merrill Lynds, went there to conduct community studies which were published in a classic entitled "Middletown and Middletown in Transition." The series consists of six human dramas found and filmed in the "average" American community of Muncie, Ind., and was inspired by wellknown community studies conducted there in the 1920s and 1930s.

Middletown in Transition, a report of these early studies, hasn't spent much time on the history book shelves since he first began working on the film project four years ago. Photo by Kay Bacon, a sophomore honors student at Ball State University, Muncie's "averageness" rubbed off?

C. Warren Vander 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.

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"America's Energy is Mindpower" is a national campaign to further public awareness of education as the major hope for improving society. Our Mindpower series examines this theme through profiles of all-MIAA teams.

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H-people Are Newsmakers

LITERARY WINNER

Julie Herrick's '56 White of South Bend, Ind., received honorable mention in a fiction contest recently sponsored by Men magazine. Her story, "The Viewing," placed in the top four of about 800 entries and was announced 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 will now consider her an outsider.

White, who says she's "always been interested in writing," pursued a teaching certificate in Hope's English department. She now writes fiction part-time.

BIBLICAL PATHFINDER

John N. Piet '35 spent years in classroom teaching the Bible, completing divinity and missions studies while earning his D.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 1949-1960 while associated with Vreeland College in Kolkata as professor of English and ultimately president.

To begin his new assignment as an author, he says, he first read the Bible through the eyes and understanding of those encountering it for the first time and discovered that when the Good Book is considered in its true 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 sixty books that stretch between Genesis and Revelation as one meaningful whole.

Piet presents those of the Bible, from the ancient myths to those of the modern church, in a fiction form. "I want to show people that the Bible is a book of life, of living," he says. "It's a book that tells stories that are true and that can be applied to our lives today."

COMMUNITY PLANNER

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Puppets Capture Imaginations

Picture this: It's the middle of the afternoon and you've readied a tray of your best warm spices and you're feeling sexy. The fall air is crisp and you're starting to remember the bar in your desk that you've got to eat tonight, or maybe it's the other thing... But, there's a red balloon on the side of your middle finger from holding your pencil too tight. The cookie jar is full when you leave home this morning, and you're starting to feel your hunger and burnout about what's going on in school right now. Then the teacher brings out the puppets—and you know your goal is to make them look good.

During the weeks of school there was an elementary school teacher in both Lansing and Jenison, Mich. Jane Decker, 72, Zevalkink came to the conclusion that all children love puppets. She began to teach them as aids to teach automaticity and two years ago decided to concentrate on puppetry as a full-time profession. She has found that puppet theatres are a great way to present classic tales and tales to children who might not learn through books. She has written a book called "Puppets Capture Imaginations" which will be published in the fall of 1981.

In her paper shows, Zevalkink manages to find time to make lead roles in area civic theatre productions and serve as an interim pastor of a local church. Her old friends would be surprised to see her now. She used to be shy. She was a late bloomer, she used to call her father "a favorite puppet sidekick. Ugly Duckling."
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, it's the benefits we can derive from the manipulation of biomedical phenomena—such as the biochemical manufacturing of hormones, drugs and vaccines, the manipulation of the body's internal energies, the creation of new functional devices and also introduced new techniques which can be applied to other kinds of biological research. These techniques can be used to conduct genome research and study the molecular level. At the same time, Cronkite says that there are legitimate fears associated with the development of genetic manipulation.

In principle, if we can do it with bacteria, we ought to be able to do it with people. It's the same principle. What if we manipulate people as well? What if we manipulate their genes and study them at the molecular level? At the same time, Cronkite says that there are legitimate fears associated with the development of genetic manipulation.

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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 1982. 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 in the hypothalamus to cause drinking. Neural signals from pressure receptors inside blood vessels may also stimulate drinking.

Dr. Barney and his fellow investigators, Dr. Merlin Fregly and Dr. Ross Theriault 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 extracellular thirst stimulation, increased by 10 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 class clearly indicates 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.

CHAMPIONSHIP BASKETBALL!!

Enjoy exciting action featuring the Hope College Flying Dutchmen

1981-82 HOME SCHEDULE

<table>
<thead>
<tr>
<th>Date</th>
<th>Opponent</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Wed., Dec. 9</td>
<td>Aquinas</td>
<td>8 p.m.</td>
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<tr>
<td>Sat., Dec. 12</td>
<td>Concordia, Ill.</td>
<td>8 p.m.</td>
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<tr>
<td>Sat., Jan. 23</td>
<td>Kalamazoo</td>
<td>8 p.m.</td>
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<tr>
<td>Wed., Jan. 27</td>
<td>Calvin</td>
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<tr>
<td>Wed., Feb. 3</td>
<td>Olivet</td>
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<tr>
<td>Sat., Feb. 6</td>
<td>Concordia, Mich.</td>
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<tr>
<td>Wed., Feb. 10</td>
<td>Alma</td>
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<td>Sat., Feb. 13</td>
<td>Adrian</td>
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<tr>
<td>Wed., Feb. 24</td>
<td>Albion</td>
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Home games played at the Holland Civic Center

TICKET ORDER FORM

Here is my 1981-82 Hope College basketball ticket order:

| RESERVED season tickets at $20.00 |

Name ________________________________
Address ________________________________
City __________ State & Zip __________
Telephone ________________________________

Mail order with payment to:
Jane Mason, Hope College Athletic Ticket Manager, Dow Center, Holland, MI 49423

For further information call 392-5111, ext. 3270