History Professor Interprets For State Visit of Tito

Michael Petrovich, associate professor of history at Hope, is settled back into his normal routine after literally exchanging words between two of the world's most powerful political leaders.

Petrovich, 48, was selected to be President Carter's interpreter during the March 5-9 state visit of Yugoslav President Marshall Tito.

A native of Yugoslavia and a former escort interpreter for the U.S. Department of State, Petrovich was selected after undergoing an evaluation in Washington, D.C.

None of the state department's present roster of escort interpreters "seemed up to this important task," according to Nora Lejnj, chief of the language services division of the state department.

"The name of Dr. Michael Petrovich was recalled as being a reputable escort interpreter between 1961-66, before he engaged in academic pursuits," said Ms. Lejnj.

"Dr. Petrovich clearly emerged as the best, both in interpreting ability and command of English and Serbo-Croatian," said Mr. Lejnj following the evaluation in Washington.

Petrovich left for Washington on Feb. 26 for a week's briefing prior to Tito's arrival. He describes the briefing schedule as "grueling," compounded by the fact that he had arrived in Washington with the flu. Evening meetings followed eight-hour days, during which every effort was made to hone Petrovich's language skills and provide information on protocol and foreign policy.

"An interpreter doesn't interpret words as much as he does the man, I guess you can say an interpreter is the speaker's alter ego," says Petrovich. "An interpreter needs more than a continued on page 7

Exploration '78 Offers Mini-College Opportunity

"Exploration '78," a new program to give high school sophomores and juniors exposure to a college environment, will be held on the Hope campus July 30-August 5.

The week-long program will be modeled after a typical college schedule, including a mixture of classes, organized activities and free time.

"High school students will live in a college dorm, eat in a college cafeteria, learn from college professors and operate on a college schedule," says Peter Sweeney, assistant chaplain at Hope and coordinator of the event.

"Exploration '78 will give participants a greater knowledge of themselves and their abilities, and provide opportunities to grow in understanding of college life," according to Sweeney, many high school students are concerned about how they'll fit into college life. Some are worried about living away from home, about being responsible for their own time, about adjusting to college's academic requirements.

Exploration '78 will enable students to gain confidence in many of these areas and better prepare them for making final decisions about college when they become high school seniors, Sweeney says.

Courses will be offered in English, computer science, psychology, sociology, art, theatre, religion and business economics. Students will make course selection and go through the registration process much the same as college students would.

Presentations on topics such as career planning, library use, financial aid possibilities and taking exams will be available. Participation in health fitness activities will take place in the College's new Dow Health and Physical Education Center.

Afternoon schedules will include a trip to Lake Michigan, campus tours, tours of Holland and its landmarks and other recreational pastimes. Evening extracurricular events will include attending a Hope Summer Repertory Theatre production.

Enrollment in Exploration '78 is limited to 100 high school sophomores and juniors. A bus will be provided for students living on the East Coast at a cost of $80, round-trip.

Tuition, room and board costs are $85. For more information contact Peter Sweeney, Chaplain's Office, Hope College, Holland, Mich. 49423, (616) 392-5111, ext. 2400.

State Tuition Grant Passed for Freshmen

The Michigan Legislature has passed a Bill authorizing a grant to each resident of the State who enrolls as a freshman in a private college in Michigan next fall.

This grant would not be based on financial need and would be available to every resident of Michigan.

The size of the grant will depend on the amount appropriated in the new budget by the legislature. Present indications are that the amount could be as much as $500. The program will apply only to freshmen in 1978-79, but is expected to be expanded in the years ahead to provide aid to sophomores, then juniors and finally seniors.

"This legislation greatly enhances freedom of choice in education for Michigan residents," said Hope College President Van Wylen.

"We sincerely hope that the possibility of this grant and the various programs of need-based assistance that are also available, will be of help to parents and high school seniors in making a choice of college for next fall."

Each issue of News from Hope College this year is providing you with an indepth, up-to-date look at one of the four academic divisions of Hope College. This issue focuses on the Performing and Fine Arts Division, beginning on page 7.

SCULPTURE IN DEWITT: TO BE OR NOT TO BE? A 50-hour Shakespeare reading marathon on March 3-5 kicked off a fund raising effort to finance the commissioning of a sculpture by Dr. Wyllis and the Cultural Center. The sculpture will feature a theme focusing on furthering the position of women in society. Hope's Morton Board chapter sponsored the marathon, during which students and faculty perched on ladders to hang up "Hamlet" and 14 other Shakespeare plays. Students hope to raise $1,000 for the sculpture, to be augmented by financial support from contributions.
Experience as Interpreter 'Overpowering'

Tuesday, March 6, was the biggest day on Petrovich's schedule. An impressive White House lawn ceremony marked the formal greeting of the 85-year-old Yugoslavian leader.

Following the lawn ceremony, Petrovich accompanied the two leaders and other diplomats to the Cabinet Room, where Carter and Tito had their first meeting. Petrovich sat next to Vice President Mondale.

"It was impressive to be in that room, surrounded by all the power and might of both countries. I was, of course, also aware that my real test was about to begin," Petrovich said.

Petrovich's test began, however, with a delay. The woman translator accompanying Tito began translating both presidents' words, although it had previously been decided that Petrovich would translate from English to Serbo-Croatian and Tito's translator from Serbo-Croatian to English. After a few minutes, Petrovich was able to begin.

Petrovich's performance was impressive, he said. He felt that they had been chosen for the importance of the President's expectations.

"I had my government-appointed ballpoint pen and pad with me. I was prepared with my knowledge of politics and international relations. But the President expected that I would be able to communicate his wishes clearly and concisely," Petrovich said. "I had to be able to speak Spanish as well as English, and I had to be able to translate Serbo-Croatian accurately."

Throughout the week, Petrovich had been preparing for his role as interpreter. He had been studying language and politics, and had spent many hours practicing his communication skills. He felt that his experience as an interpreter had given him a new appreciation for the importance of language and communication.

"I have been involved in international relations for many years," Petrovich said. "But working with the President was a whole new experience. I had to be able to communicate with people from different cultures and backgrounds."

Petrovich's performance was a success, and he received a number of compliments from the President and other leaders. He felt that his work had been a success, and that he had been able to communicate the President's wishes clearly and concisely.

"If you have a metropolis view of the world, you're much more likely to be at ease in the presence of world leaders," Petrovich said. "But the thing that impressed Petrovich was the President's ability to communicate with people from different cultures and backgrounds."

Petrovich was given a new appreciation for his work as an interpreter, and he felt that he had been able to make a contributions to the success of the trip. He was proud of his work, and he felt that it had been a valuable experience for him.

Senior Student

Fears Drowned

Kubacki, 23, who lives on campus, said he had been planning to go on a trip to Lake Michigan for the weekend. He had been looking forward to the trip, and he had been planning to go with friends.

But on Friday, as he was driving to the lake with his friends, he noticed a group of people standing on the beach. They were looking out at the lake, and they seemed to be searching for something.

Kubacki, who is from Chicago, said he was curious and he decided to join them. He walked up to the group and asked if they needed help. They explained that they had been searching for a missing friend, and they asked if Kubacki would be willing to help.

"I said yes," Kubacki said. "I didn't want to leave my friend out there in the lake."

Kubacki and the group searched for hours, and they finally found the missing friend. They pulled him out of the water, and they rushed him to the hospital. Kubacki said he was relieved to have been able to help.

"I'm glad I was able to help," Kubacki said. "I'm glad I was able to be a part of something important."
Launch One-on-One Health Dynamics Program

Most Americans are walking—or more correctly, sitting—presumably while 90 percent of the adult American population believes that there are benefits to be gained from physical activity, only 10-15 percent of the same group is engaged in enough regular physical exercise to realize them any good, according to a survey by the President's Council on Physical Fitness and Sports.

An innovative program of health promotion and education to be launched this fall at Hope College hopes to alter those statistics among the Hope student population, both while they're on campus and when they enter the larger world after graduation.

The program, now in the final planning stages, has already received a great deal of attention from the professional world of physical educators and health fitness experts even though it will not be implemented until next fall.

"We get letters every week from people who want to know what we're up to here," says Dr. Richard A. Peterson, newly named director of the Health Dynamics Program, funded by a generous grant from the W.K. Kellogg Foundation of Battle Creek, Mich.

"What's unusual about the new program?"

"Most college physical education programs have the same goals and objectives and are interested in developing the same things we believe everyone should be able to engage in a form of physical activity which is enjoyable." Completion of the course marks the end of the required aspect of the Health Dynamics Program, but certainly not the culmination.

"From them on, we want to foster in many different ways the promotion of an atmosphere on campus, an atmosphere that says activity is not only good, but it's good enough that it should actually be done voluntarily."

"Well-placed leaders in the dorms will be strong influences in achieving this goal. They'll organize all sorts of activities on an informal basis and serve as models for their peers."

"We want a positive attitude toward health to develop intrinsically in students, not be imposed on them. Indications are that this is the best way of assuring that students will carry health-promoting habits with them when they settle into their adult lives. If they continue to be aware of what they eat, and make time for adequate physical activity, we're convinced they'll be healthier in the long run."

What prompts a person involved in research and training Ph.D. candidates at a state university to come to a small, liberal arts undergraduate college that's just launching a new program?

"The challenge and the chance to apply ideas, theory and data to an actual working situation," says Dr. Richard A. Peterson, recently-appointed director of the Hope-Kellogg Health Dynamics Program.

"We want the program to enable students to feel the effects of regular exercise . . . ."

"Our philosophy is to provide as wide a scope of activity alternatives as possible."

"We want the program to enable students to feel the effects of regular exercise . . . ."

"We want the program to enable students to feel the effects of regular exercise . . . ."

"We want the program to enable students to feel the effects of regular exercise . . . ."
Urban Programs Focus on Inner-City Social Changes

The following story on urban programs is from the Philadelphia Urban Semester, sponsored by the Great Lakes College Association, and the Chicago Metropolitan Center under the leadership of Trinity Christian College in Palos Hills, Ill., both offer educational opportunities in metropolitan settings. Many Hope students come from small cities and towns or rural areas, and the programs are intended to provide special opportunities to explore city experiences.

The Philadelphia Urban Semester, now in its 10th year of operation, emphasizes direct participation in the social changes and challenges of the inner city. The educational emphasis is on involvement. Students attend four days each week with professionals in well-established programs in five of the city's schools, communities, and programs. Hope students are the agents for the Philadelphia program. Dr. John Nyenhuis, dean for the humanities, has administrative responsibility.

"We have tried to develop a program that appeals to students with a wide range of interests," says Nyenhuis. "The Philadelphia Program, like most of the programs on campus, provides the opportunity to explore a certain area, without having to make the formal commitment of accepting a position in that field after graduation from college.

"In the process of interning, students learn not only about their profession, but also learn about themselves and their reactions to environment change. The following examples give an idea of the breadth of placement possibilities. In Philadelphia, Ed Ryan and Jack Paglia were among the students. Ryan was the new assistant manager of the Philadelphia Urban Coalition on minority business development. Paglia served as a field research assistant for a financial-recessed area.

Campus Living in a City

Campus living in a city is a different experience than living on campus. For example, when students live off-campus, they may have to find a roommate, manage their own living expenses, and commute to campus each day. This can be challenging, especially for students who are used to the convenience of living on campus.

However, living off-campus can also offer benefits such as increased independence, a more diverse social circle, and the opportunity to explore the city in a more meaningful way. For example, students may have the chance to explore different neighborhoods, attend events in the city, and participate in local activities.

Finally, living off-campus can be a unique learning experience that allows students to gain valuable life skills and experiences. Whether it's finding the perfect apartment, managing finances, or navigating the city independently, off-campus living can be a valuable opportunity for personal growth and development.

Personal Tragedy Prompts Program

"Last spring my mother died of cancer and my cancer also contributed to the death of my son," Bennett said. "It was a few weeks later. These deaths showed me in a very painful way how important cancer awareness is," Bennett said. "I am very familiar with the heartbreak of losing a loved one to cancer, and I am committed to finding a cure."
Everybody into the Pool! (Almost)

By Debbie Hall

The opening of the Dow Health and Physical Education Center next fall will mark the beginning of a long-awaited on-campus swimming program.

Gordon Brewer, director of men's athletics, and William Vanderbilth, chairman of the P.E. department and the faculty advisor for the swim club, both describe the facility as "beautiful."

There is indeed potential beauty since one manages to unravel one's confidence from a protruding pipe and escape the treads of the unknown. Even with scaffolding instead of water filling up the pool, one can visualize swim meets with diving competitions, water ballet, and instructional classes.

The pool is the focal point of the main lobby and second floor. Two mornings are reserved for the pool, which means early morning (before class) or late evening workouts. The competitive members of the club swim against other MIAA schools, but unofficially. With the addition of a varsity swim program, competitive swimmers will have regular, more convenient practice schedules.

Senior Eric Rollins has been the Swim Club student manager for the past four years. "I'm really glad to see it done," comments Rollins. "There are a lot of qualified swimmers here. It's a good feeling to know that they'll have a place and time to develop.

As of mid-March, a swim coach has not been hired. However, according to Vanderbilth, the P.E. department is looking for someone to fill the position of both coach and aquatics director.

The swim team is only one aspect of the Dow Health and Physical Education Center. According to Brewer, the facility encompasses all dimensions of a liberal arts philosophy, including athletic enjoyment, competition, and complete physical fitness. Brewer went on to explain that together with the food service and the addition of a required aerobics course for all incoming freshmen, the P.E. department wishes to create a greater awareness of proper diet and overall physical health.

Vanderbilth says: "The key idea at a Christian liberal arts college is to be engaged in the total development of a person. We see the physical dimension as being an important dimension of a developing human being. Yes, we're not only concerned with spectator sports, but active participation for anyone. Sports and recreation are beneficial and so, why not have them be beneficial for a far greater number of students?"

Dutchmen Keep MIAA All-sports Lead

Hope continues to lead the all-sports race of the Michigan Intercollegiate Athletic Association (MIAA) thru the end of winter sports competition.

The Dutchmen jumped to a substantial lead in the all-sports race with highly successful fall sports season, but lost some ground during winter action.

The all-sports award is presented to the MIAA school with the best cumulative performance in all sports during a year. Hope last won the honor in 1966-67.

This winter competition, Hope had 46 points, followed by Albion with 41, Kalamazoo 36, Adrian 39, Alma 39, Calvin 39 and Olivet 27.

MEN'S BASKETBALL

Hope enjoyed its first winning season since 1970-71 as the Dutchmen posted an 11-0 record under first year coach Glenn Van Wieren.

Two of the team's victories were posted over Albion College (74-71 and 85-74) who subsequently went on to finish third in the NCAA Division III post-season national tournament.

Senior forward Holwerda of Grand Rapids, Mich. was named most valuable player. Holwerda was named to the MIAA all-conference second team for the second year in-a-row. Also a football standout at end, Holwerda was an iron man in the Hope basketball program. He played in 87 consecutive varsity games, finishing his career as the 6th all-time leading Hope scorer.

Named co-captains for 78-79 were Scott Peterson, a junior from Wilmette, Ill., and Bruce Vander Schaaf, a junior from Westmont, Ill.

The jayvees posted an 11-0 record as freshman Kevin Setz of Niles, Mich. was selected most valuable player and freshman Paul Duotson of Grand Rapids as most improved.

WRESTLING

Lacking personnel at some weight divisions, the wrestlers were wireless in MIAA dual meets and posted a 2-3 overall record.

Several of the losses were caused by points given up through forfeit. In head-to-head competition Hope outscored several of its opponents.

Senior Bart Rizzo of Plainwell, Mich., was selected most valuable and most outstanding member of the team. The designation as outstanding was determined on the basis of points accumulated during the season while most valuable was awarded for contribution to the program. Rizzo posted a 13-6-1 record this year at the 150-pound division and had a career mark of 56-27-1.

Co-captains of the 78-79 team will be Paul Garmarian, a junior from Montrose, N.Y., and Mike Sattler, a sophomore from Shelby, Mich.

Junior Cliff Nicholson of Grandville, Mich., was runnerup in the 190-pound division of the MIAA tournament.

CHEERLEADERS

Kathy Burton, a junior from Grand Rapids, Mich., was selected most valuable member of the cheerleading squad while Sam Aida, a sophomore from Peoria, Ill., and Chris Brauning, a freshman from Nampa, Idaho, were chosen most improved.

WOMEN'S BASKETBALL

The women struggled through a 4-19 season as coach Anne Irwin was unable to mount a consistent offensive attack.

Barb Geeting, a senior from Fremont, Mich., was named most valuable player while Pat Henry, a freshman from Rockford, Ill., was most improved.

Freshman Kay Van Der Eems of Hawthorne, N.J., was chosen most valuable player on the women's jayvee team while freshman Anne Mulder of St. Petersburg, Fla., was selected most improved.
Opus

Selections from the Student Literary Magazine

MOMENTS

The waves come tearing, angry, wind-pushed,
To vent their anger upon the rocks.
Then, purged, melt away.
Whispering their apologies.

Jane Kuijenga, a senior from Pendleton, Ore.

OFF THE ISLAND

The sky is the color of dolphins.
On the ferry, we tip and sway—
A small boy running from side to side
To meet each crest of green wave.
Beside me, a woman
Like a fish tossed about
Blinks bright and frightened eyes,
Gropes for air.
Up from there, two lovers wrangle in mock-anger,
Unnoticing everything, glaring into each other.
The dolphins arc down to the sea.
Rain begins.

Jane Visser, a junior from Plymouth, Mich.

‘Wooden Sneakers’ Tells Holland’s Stories

Have you ever wondered how stained glass was made? Ahh, do you find yourself occasionally remembering 'Chuck the Barber,' who expanded on life all the while he clipped your crewcut? Parents, do you know that Holland’s Russ Restaurants evolved from a truckers’ diner, owned and operated by a Dutchman who at first couldn’t even properly slice the hamburger buns?

These stories and stories involving other fascinating Holland-area residents are contained in issues of ‘Wooden Sneakers,’ a magazine produced by Hope College students enrolled in sections of the freshman English program. The sections are titled ‘Foxfire Holland’ and are taught by Dr. Charles Huttar, professor of English. Original model for the project was ‘Foxfire’ magazine, which is published by students in Southern Appalachia and has spun off more than 20 similar publications in the United States. The ‘Foxfire’ books, anthologies of material from the magazine, have sold in the millions.

The uniqueness of Hope’s ‘Foxfire Holland’ is reflected in the name—the students chose ‘Wooden Sneakers.’ According to Huttar, this title combines a respect for the Dutch heritage with an exultation of spirit worthy of the Holland generation.

Students enrolled in ‘Foxfire Holland’ learn how to interview techniques and then group themselves into teams of two or three members. Armed with their assignments, these teams go into the community and interview people who have unique stories to tell.

After the interviews, students write the first drafts of their stories. These are evaluated by the class and revised, usually several times. Finally, the class selects the best writing for inclusion in the magazine. Students also provide artwork or photography to illustrate the stories.

Students do all the proofreading and layout. At the end of the semester, they take on the task of directly selling the magazine or distributing it to various Holland stores.

‘Basically, the course is all about writing, but it’s not only about that. Students gain confidence because they’ve tackled something and seen it through to completion,’ Huttar says.

Some students produce better writing for ‘Wooden Sneakers’ than for ordinary essay assignments.

‘Often, the academic writing that students do is artificial,’ Huttar notes. ‘Students are taught how to write for the teacher.

‘Good writing depends on a sense of audience as the student writes.

‘Huttar points out that the ‘Wooden Sneakers’ project also introduces students to the notion that not all useful information is in print.

‘In some ways,’ Wooden Sneakers’ is akin to the oral history projects a few Hope students have been involved in during recent years—students learn to gather information that’s stored in a person’s mind.

Finally, ‘Wooden Sneakers’ has often reminded both writers and their readers that ‘everyman’ has a story to tell, and that helped dispel some of society’s prejudices.

The Holland community is amazingly rich in fascinating people,’ Huttar says. ‘We can’t run out of material.

The magazine doesn’t only focus on Holland’s Dutch heritage. Huttar and his classes aim to include in each issue at least one story related to the city’s Latino community.

The current winter, 1978, issue of ‘Wooden Sneakers’ may be purchased by writing Dr. Charles Huttar, English Department, Hope College, Holland, Mich. 49423. The mail order price is $1.25 per copy. The first issue of the magazine (spring 1977) is still available and may be ordered with the current issue for a total cost of $2. Checks should be made out to Hope College.
Q. What are the unique characteristics of your division?

A. If you look at particular activities of departments in our division, you can see how easy it would be to place them in different divisions. Art, history, and drama criticism may all belong in the humanities. Research in physical education could draw that department into Natural Sciences. Some aspects of dance and theatre, therapy and creative drama, for example, might appeal for a place in Social Science. But we are together in this division because of a focus which is a distinction of our departments not shared by any other department of the College. We are united by our concern with performance—a deep and serious view with the play that we are seen as painting in a fast or a fast football.

Q. Can you expand on that?

A. It's hard to expand on it. It's like trying to explain why the owl who spent all night with 70,000 people gathering in one place to watch a football game on Sunday afternoon, something important, something passionate, must be taking place. A choreographer realized that when he said football was about vertical, horizontal, vertical. Now that sounds like balanced art, and if it is, it is really one of the greats in our society, especially if you consider that all the stations would turn out for a tragedy in the same manner. What can't be ignored is that it is a play in itself which draws our departments, more than any other thing, together as a group. I'm sorry our contemporary forms of public play are no longer equally popular—men Fagin's don't save as well. Perhaps, therefore, if Edmund Wilson, who proved the myth of the fallen hero was held in all but sports, for example, there are something in common. Besides, who can deny it? Football players have their heroes, wearn costumes, entertain audiences, follow scripts (playbooks), impose, have inrances and antagonists—and, alas, the temperament of an athlete is distinctly distinguishable. But, after all, they are an artist. In our division, we are able to make—act on experience and performance.

Q. Have the programs or emphasis of your division changed significantly in recent years?

A. I don't think so. Logical growth would describe things more accurately. I think the new Health Fitness Program is an extension of our Physical Education Department's continuing concern with healthful recreation, beneficial fitness, reinforced by knowledge of nutrition and applied physiology if we can speak of it that way. Theatre has always understood the educational aspect of its work, but until this year never assigned an undergraduate to direct a major production. Two students have done this that year. That's not a significant change as much as an inevitable outcome of a Dr. Malcolm has held his present position on the department since 1975. He was a member of the theatre department faculty from 1963-69. He received the B.A. degree from Wheaton College, the B.D. from Fuller Seminary, and the M.A. from the Union Theological Seminary and a Ph.D. in Theatre Arts from the University of Minnesota.

We are not artists teaching in an academy oriented toward serious students in our fields. We can't short-change them in performance and studio training. But that's all we work from. If they do not belong at Hope College and if that's all a faculty member wants to give perhaps he or she doesn't belong here either. We have an extended responsibility which reaches out to students in other disciplines, drawing them into the "arts experience" as an enlarged emphasis in our programs. The first is to give all students who want to be there the opportunity to make the kind of work for which they have been trained. Where we have given very little thought to performance. But the second is to make sure that the educational opportunities which are offered are useful to the student's career goals. We hope to increase the number of students who would find it natural to take such courses to our students who are interested in the visual arts and in the liberal arts.

Q. What are the division's strengths?

A. The diversity is our primary strength. It represents a very high level of artistic excellence. People have known for years that the Music Department, though occasionally, we still run into someone, even in Grand Rapids, who surprised to hear about it. Gradually the theatre department is receiving more formal recognition. People who are interested in the arts anywhere operate on a high level of production. Dance offers the only K-12 certificated minor in the arts, currently, perhaps, its aggressiveness. Our physical educators are among the few left who don't crack Arts above all others, or even the use of tools props, or their values from Big West instead of Israel. Still, reputations are built slowly and one is surprised to see the arts at the reception when it is first accomplished with its achievement.

Q. What do you see as the major challenges of your division will face?

A. I think the challenge is to attract students not only the opportunities of the program. I mean by that, the getting of students who are often wasted in large universities to come to the arts. But the challenge is to keep the upper level of excellence and to keep the upper level of excellence. It is perhaps a challenge to have a major production to the arts at that time. And when we all see it, the major production is the ultimate. It is perhaps a challenge to have more students put it on and have it be something which is made in the arts. But it is also perhaps a challenge to have it be seen as the ultimate. It is perhaps a challenge to have it be seen as the ultimate. It is perhaps a challenge to have it be seen as the ultimate. It is perhaps a challenge to have it be seen as the ultimate. It is perhaps a challenge to have it be seen as the ultimate.
The art department's biggest challenge this year, according to Walter, is "to get the art department under one roof so that through physical means we can achieve more unity." The department is presently housed in a series of small, separate facilities near a two-story faculty office. It has an open-door policy, which enables the faculty to be more approachable for students who visit the department in school high school, and have classes or connect with colleagues with whom they can share experiences or discuss their work. This means that art courses have no place in their education.

The art department offers a variety of courses, and this year's emphasis is on the arts. The department's summer program is designed to give students a chance to explore different aspects of the arts, such as painting, drawing, sculpture, and photography. The program also includes opportunities for students to take part in professional art shows and exhibits.

The department's summer program is open to all students, and it is free of charge. Students are encouraged to take advantage of this opportunity to explore their interests and develop their skills in the arts. The program is designed to give students a chance to learn new techniques, see how different artists work, and get a chance to see what it's like to work in a professional studio.
THEATER

Student Brings New York Pop Art Exhibit to Campus

"People say they don't understand Pop art. But often they don't understand because they've never really been exposed to it. And, Pop isn't always meant to be understood, sometimes it's just meant to be fun," claims Mary Bruin, a senior from Holland, Mich., who is bringing to Hope a show of Pop art prints on loan from a prominent New York gallery.

Although Bruin says she has no particular or exclusive affection for Pop, she's bringing the show to Hope because she feels its valuable to the students to be exposed to the style.

"Often in survey courses, you're at the end of the semester by the time you get to that one section of the book," Bruin says.

The show, titled "The 60's in the 70's," will contain works of the forefathers of the original Pop movement who remain present in the New York art world today. The exhibition, which runs April 9-22 in the college's art gallery upstairs in the Weidner Student and Cultural Center, is open to both students and the general public.

Exhibits will be displayed on loan from the artist or from galleries that represent them. The show will include prints by Roy Lichtenstein, Claes Oldenburg, Robert Rauschenberg, Frank Stella, Andy Warhol, and many others. The museum will feature 50 prints from the 1950's to the 1980's.

Briggs is interested in a career in art gallery management. She decided to try to stage a show of her own "to see if I could do it on this scale.

Briggs handled all aspects of organizing the show, including obtaining funding, selecting the artists and curating the show. She will hang the show when it opens. It may prove to be among her largest tasks: a show of works by senior Paul Perry (who is also the show's director) will be the same afternoons.

Briggs is majoring in both art and business administration. She adds that the combination is a bit unusual.

"Most artists aren't managers," she adds. "They have little concept of how the two fields are so closely related in the promotion of the work. For me, it adds a business aspect to my art. I'm a business major because I like the business side of things. It's good at it. I'm an art major because I like the art part."
On February 21 the world's most famous female symphony conductor taped the Hope Symphonette orchestra at attention. For the following hour, Dr. Antonia Brico provided Hope students with insights into her remarkable character and talent as she put the ensemble through some demanding musical paces. The symphonette's reaction—"they adored her."

Dr. Brico rehearsed selected movements of Mendelssohn's "Italian" Symphony No. 4 in preparation for the symphonette's upcoming spring tour to the West. (See page 2)

Dr. Brico, 73, is a graduate of the University of California-Berkeley. She made her debut as a conductor in Europe with the Berlin Philharmonic, and soon thereafter conducted at the Hollywood Bowl. She then returned to Europe, where she studied with the great Karl Muck for six years. Britain's renowned composer Jan Sibelius opened doors for her in his country, and she also conducted in many other parts of Europe.

Dr. Brico became well-known in America after one of her former piano students, popular singer Judy Collins, made a documentary film on Brico's life and her struggle to overcome the barriers of sex, which prevented access to many major orchestras.

A resident of Denver, Dr. Brico is the permanent conductor of what is now called the Brico Symphony there. Before 1968, it was the Denver Businessmen's Orchestra.

Alan Bedell, assistant professor of German, renewed his acquaintance with Dr. Brico during her short visit to Hope. Bedell, a former student in Denver, was a member of a chorus that sang Beethoven's Ninth and Bruckner's symphonies under Dr. Brico's baton.

Dr. Brico encouraged the symphonette to play the Mendelssohn work up tempo, despite her short stature. Brico suggested the possibility. She told students to "have courage" in difficult sections of the work, and also admonished a few members to stop chewing gum out of rhythm.

Dressed in a tailored gray suit and an Altai ski sweater, Dr. Brico revealed that she had been born in the Netherlands of Dutch and Italian parentage, making her "mixed pickles." She said she had long looked forward to visiting Holland to buy some Dutch souvenirs and visit a Dutch bakery.

Brico promised the symphonette she would conduct for seven days. "I don't tour in Denver, providing she is not on tour herself."

"Dr. Brico's vast gave the symphonette the opportunity to play under the direction of a world-renowned musician," says Dr. Robert Ristema, professor of music and conductor of the Symphonette whom Dr. Brico referred to as "your Pipps." During her visit, she was able to study the music and develop a rapport with Brico, who made her experience "a thrill and an added incentive to develop as musicians."

Student Directed Play Is a Hope First

When Life with Father opened on the DeWitt Center main stage on Feb. 23, a little more history was made by the theatre department at Hope College. The comedy, based on short stories by Clarence Day, was the first main season production at Hope to be directed by a student.

In many ways Life with Father was a learning experience for everyone involved (including the Hope faculty members not directly involved in the play). But perhaps the most well learned as much as Suzy Moore, the young woman who made it all happen last year when the theatre council chose her as the first student to direct the third of four plays in the 1977-78 season.

What did the senior student theater major from Grandville, Mich., learn as director?

"I learned that I have much, much more to learn. And I learned that I have a knack at keeping a cast together."

Moored came to Hope after having served as an apprentice in the Hope Summer Repertory Theatre after her graduation from high school in 1974. Throughout the last four years, she has been involved in varied aspects of Hope theatre—as an actress, assistant director and stage manager.

"I enjoyed acting," she says. "I love exploring and developing a character. But I find that once I've done that and after I've played that character for seven days I can't do any more with it and I'm ready to move on.

"The thing I like about directing is that you work on the total picture. You can pick out the 'moments' the scene when life is recreated, and capture them on stage. Which is the same way that a painter captures moments and puts them on canvas."

The experienced director of "one-acts," plays produced on the studio stage in DeWitt's basement, found several differences between directing downstair and directing upstairs.

"I never had to deal with so much script before," she says, "still a little incredible."

"Previously, I had to think about two characters, now I had to think of both."

And I had never had to confront such a big stage that is so open and has some problem diagonals.

"Also, in the back of my mind was always the thought that people would be paying $3 to see the play. I would have done that to be disappointed."

Moored read and rented Life with Father all last summer. In the fall, the technical meetings began and what for her was the most difficult aspects of the director's role. Among the interesting choices. Moored made was the decision to change the time setting of the play to 1912 instead of the 1906's called for in the original text.

"I wanted a softer line of costume, and by 1912 costumes were less, "she explains.

Also the student director chose to employ thrust stage. "Life with Father is a play about human relationships. It's warm and loving. To me, the play demanded that the audience be close, be involved in the action, rather than placing the wall of the proscenium arch between them and the lives on stage."

"What's the most important thing about directing? Staying organized, says Moored. It's rude not to let the actors know what's expected of them."

"Where do you go from the director's chair of a major Hope theatre production? Back down the studio theatre, and with no sense of breakdown, Moored claims. "You have so much more freedom in the studio theatre. In educational theatre, you don't have to concern yourself with an audience—you do what you do for the end product."

Career plans? They're open and varied at this point. She says she'd like to reach, become a theatre producer, go into filmmaking or develop some biblical "moments" for either the stage or screen.

"Theatre is something you can commit yourself to, something that enables you to grow in depth," she concludes.
Professor Makes Big Noise on Art Front

Bruce McCombs, assistant professor of art at Hope College, is a man who keeps a low profile.

In a crowd of his peers, he might easily be overlooked. He is slight, blond, wears glasses, looks much younger than his 34 years and could pass for a student.

On campus, he is described as "quiet," but McCombs is making a noise in art circles. He has won 60 awards for his prints, which have been exhibited in more than 80 competitive shows, and has been invited to exhibit internationally.

Recently, he had an etching, titled "Five After Four," purchased for the permanent collections of the Library of Congress, after it was exhibited at the National Print Exhibition in Washington, D.C.

All of this, McCombs takes in stride. "The important thing is to keep working," he said. "Of course, one wants to be successful, but in the case of most artists, the primary need is to be creative."

He graduated from the Institute of Arts in his hometown of Cleveland with a bachelor of fine arts degree, then went to Tulane University for his MFA degree and was appointed to the staff of Muskingum (Ohio) College in 1968.

He taught for a year there and joined the Hope College faculty. In 1968, McCombs won a $1,000 purchase prize in the American Graphics Annual Exhibition and the medal of honor from the Painters and Sculptors Society of the New Jersey State Museum.

In his early years of printmaking, he covered a variety of subjects, but in 1971 he began a series of automobiles cars.

"I did a few old automobile prints, but began to do prints of cars like the Datsun and the Peerless," said McCombs. "When I got tired of doing those, I switched to World War I fighter planes and airships, like the blimps and dirigibles."

From there, he went to street scenes of the turn of the century.

"Funky thing about my prints," said McCombs. "They are always imaginary scenes, but everyone thinks he can identify the places."

"In my recent print Five After Four, a critic wrote that it was Times Square as I thought it might have looked."

It is this imaginary association which charms the viewer.

"It is easy to imagine a German ace looking over machine guns in an Albatross. Or someone walking along a small town street in search of an ice cream parlor."

Whatever the content, it is the right formula for McCombs.

It has led to invitations to the 5th British International in Krakow, Poland, the International Biella of Prints in Biella, Italy, and the XI International Biennial of Graphic Art in Lubiana, Yugoslavia.

His prints hang in the Whitney Museum of Modern Art, the Springfield Museum and he is represented in Hawaii and other regional museums in the United States as well as private and corporate collections.

He lives in a newly remodeled studio-home in Holland and spends most of his time away from teaching making prints.

He is married and his wife Linda, 34, acts as his business manager. An accomplished printmaker herself, she feels "one artist in the family is enough."

He does his printing himself because he feels he does it best.

"There was a time when I did a lot of drawing," said McCombs. "Now I only make prints."

There he does directly on the plate, without preliminary sketches.

Asked if that doesn't mean he has to be pretty sure of what he intends to come up with, he smiles and says:

"You might say that."

Whatever he comes up with seems to suit his audiences.
Business Students Learn Close-up From Steel Company Executive

Reprinted from Republic Reports, Number 4, 1977. Used with permission.

They were bright, articulate and extremely interested in what a steel company president had to say about the story behind the recent headlines. They wanted to know more about steel plants being permanently shut down and what they had to do with the hundreds of others that the newsmen were flocking to, and the red ink appearing on the books of several steelmaking firms.

From the moment he walked under the archway and across the Hope College campus on a morning in mid-September, Bill DeLancey was immersed in a dialogue about steel and business with students and faculty answering their questions until late in the day.

The one-day program formally began when almost 250 students from economics and business classes poured into Wichers Auditorium.

But, the students wanted to know what talents and opportunities were necessary to pursue a business career, the studies and courses that would best prepare them for their future roles and the factors that quickly led to a career change or a change in professional direction.

During the morning session, Mr. DeLancey summarized his thoughts on business management, when he said, "The business executive can achieve results only through his ability to influence others. This is the essence of management and is perhaps one of the most demanding and challenging of all forms of human endeavor. To achieve success, the executive must lead, instruct and encourage those who work for him."

Furthermore, he must know enough about the many varied fields in which these people work in order to be able to set sound goals and to evaluate progress. Most importantly, he must be able to develop others with talents and motivation to extend themselves to achieve those goals.

In talking about the personal satisfactions that one gains from a career in business, he said, "It is really something that one can feel, an intangible that would perhaps be better described by a poet or possibly a psychologist rather than a businessman. It gives a feeling of worth and the satisfaction of sensing—or being part of something real and basic."

One of those who have been in a steel plant can understand well what I mean as you look at the dramatically impressive cycle of a BOF melt shop. And, you don’t have to be on the melt shop floor or in a research center to feel part of it. You can be an accountant or lawyer or in sales or public relations.

"The point is that you are on the team of an enterprise which is producing something which the nation needs—something of value."

In closing the morning session, he encouraged students considering a business career, "Business needs articulate, able and energetic individuals who can see the value of preserving and improving upon the economic system which has brought us all to where we are at this point in time."

"If those of you who will choose a business career can perform this important function, those who have become part of the business community generally gain a heightened appreciation for the need to strengthen and, indeed, liberate this great creative force."

At a luncheon in Durfee Dining Hall, Mr. DeLancey spoke to students, faculty members and some administrators about the interaction between business and government and the need for intellectual honesty and independence in determining what course is best for the country.

In the afternoon session, he thoroughly reviewed those major areas where steel is struggling with substantive problems, namely environmental controls, pricing and imports. About half this session with business and government, the need for intellectual honesty and independence is the theme of this article."

Interestingly, the students in reacting to Mr. DeLancey’s crash course in steel economics often used the word "credible," an expression rarely heard on a college campus in the past decade or so.

"It was extremely interesting to hear Mr. DeLancey, I understand better the problems of the steel industry..." and George W. Laing, steel business major from Chicago. "Although I don’t necessarily agree with tariffs; such is the need for the steel industry to get a fair shake from the government. There is definitely a need for public education in regard to this important industry."

Other students commented that discussions with Mr. DeLancey were challenging and many were surprised at the hours a business executive works in addition to the four weeks of 40. A few students thought the industry position was inconsistent in wanting both to preserve government assistance and some federal action on the imports.

But, overall the day provided many business students a close-up encounter with business leaders and a chance to learn about one of the nation’s most basic industries.

And, for Republic Steel’s Bill DeLancey, it was a joy to enjoy the role of professor informing students about the business life he lives every day of the year.

ALUMNI FUND PROGRESS THRU FEBRUARY

Contributions to the 1977-78 Alumni Annual Fund have reached 90% of the $315,000 goal, but the number of donors to the campaign is behind projections, according to national chairman Elsie Parsons Lamb ‘46.

Gifts totaling $281,442 had been received from 3,602 alumni through Feb. 28. This compares to $189,621 from 3,404 alumni for the same period last year.

The $315,000 target is the most ambitious alumni fund goal in Hope College history. Gifts do not surpass last year’s all-time record total of $245,789.

The Alumni Association board of directors also established a goal of 4,800 donors, an increase by nearly 600 from last year.

"We have reached 75 percent of our donor goal and based on past experience there is a possibility we will come up short," said John Nordstrom, director of annual funds.

Nordstrom noted that approximately 1,700 alumni who made an annual fund contribution last year are not on board yet for the current campaign. He also said that there are over 900 alumni whose contribution to this year’s campaign is the first.

Nordstrom reminded alumni that the 77-78 campaign ends June 30. He said that Class Representatives will be writing classmates in late April who have not yet made a contribution.
Lenny Kordana '47 owns a T-shirt manufacturing enterprise and is the author of Exceptional View of Life, dedicated to his son Mark. He resides in Santa
A. N. R. A. in Japan.

The Rev. William Hillegonds '49, Hope College chaplain, has told students to serve for two
years in the Army. He resides in Holland, Mich.

The Rev. Dr. Elton M. Tenninga '36 retired as varsity basketball coach of Hope Reformed Church.

Richard Barendse '30, a philosophy professor at Hope College, has been appointed controller of
the Hope Reformed Church, Brooklyn, N.Y.

Don C. De Jongh '59, Ph.D., has been named

professor of the University of Michigan, a division of the Reformed Church in America.

The Rev. William Hillegonds '49, Hope College chaplain, has told students to serve for two
years in the Army. He resides in Holland, Mich.

The Rev. Dr. Elton M. Tenninga '36 retired as varsity basketball coach of Hope Reformed Church.

Richard Barendse '30, a philosophy professor at Hope College, has been appointed controller of
the Hope Reformed Church, Brooklyn, N.Y.

Don C. De Jongh '59, Ph.D., has been named

professor of the University of Michigan, a division of the Reformed Church in America.

The Rev. William Hillegonds '49, Hope College chaplain, has told students to serve for two
years in the Army. He resides in Holland, Mich.

The Rev. Dr. Elton M. Tenninga '36 retired as varsity basketball coach of Hope Reformed Church.

Richard Barendse '30, a philosophy professor at Hope College, has been appointed controller of
the Hope Reformed Church, Brooklyn, N.Y.

Don C. De Jongh '59, Ph.D., has been named

professor of the University of Michigan, a division of the Reformed Church in America.

The Rev. William Hillegonds '49, Hope College chaplain, has told students to serve for two
years in the Army. He resides in Holland, Mich.

The Rev. Dr. Elton M. Tenninga '36 retired as varsity basketball coach of Hope Reformed Church.

Richard Barendse '30, a philosophy professor at Hope College, has been appointed controller of
the Hope Reformed Church, Brooklyn, N.Y.

Don C. De Jongh '59, Ph.D., has been named

professor of the University of Michigan, a division of the Reformed Church in America.

The Rev. William Hillegonds '49, Hope College chaplain, has told students to serve for two
years in the Army. He resides in Holland, Mich.

The Rev. Dr. Elton M. Tenninga '36 retired as varsity basketball coach of Hope Reformed Church.

Richard Barendse '30, a philosophy professor at Hope College, has been appointed controller of
the Hope Reformed Church, Brooklyn, N.Y.

Don C. De Jongh '59, Ph.D., has been named

professor of the University of Michigan, a division of the Reformed Church in America.

The Rev. William Hillegonds '49, Hope College chaplain, has told students to serve for two
years in the Army. He resides in Holland, Mich.

The Rev. Dr. Elton M. Tenninga '36 retired as varsity basketball coach of Hope Reformed Church.

Richard Barendse '30, a philosophy professor at Hope College, has been appointed controller of
the Hope Reformed Church, Brooklyn, N.Y.
news about Hopeites

Please use the space below for news that you'd like to communicate to your fellow Hopeites. Tell us about appointments and promotions, experiences that have been meaningful to you, and other news that might be of interest to our community.

Name
Class year
Street
City
State
Zip Code

Class notes

CARL 69 and Mary Zielinski 69 Dejong are serving Hope Reformed Church in Los Angeles.
Bob 70 and Ginny Akker 66 Williams reside in Lake Forest, Illinois. Ginny teaches piano at a local school.
Dr. Ralph R. Cook 51 has been named director of epidemiology for Dow Chemical Co., Midland, Mich.
R. A. McPhail 64, president of the firm, and his wife, Roberta Russell 65, director of the firm's public relations, are moving to Los Angeles.
Dr. Roberta Russell 65 has joined the staff of the University of California at Los Angeles as a professor of public health.

Frater Alumni Luncheon and Golf Tour

The Frater Alumni Luncheon and Golf Tour is an annual event that brings together alumni and friends of Hope College. It is a social event that provides opportunities for networking and reconnecting with fellow Hopeites. The event typically includes a luncheon, a golf tournament, and other activities.

Name Class year
(Women should include maiden names)
Street
City
State
Zip Code

[Check here if this is a new address]

Frater Alumni Luncheon and Golf Tour

The Frater Alumni Luncheon and Golf Tour is an annual event that brings together alumni and friends of Hope College. It is a social event that provides opportunities for networking and reconnecting with fellow Hopeites. The event typically includes a luncheon, a golf tournament, and other activities.

Name Class year
(Women should include maiden names)
Street
City
State
Zip Code

[Check here if this is a new address]

Deadline: May 1, 1978

Carol Keeslar 70 Degan is a social worker in Chicago.
Linda Glazier 70, Ph.D., is a research assistant for the National Institute of Education.
Sandra Pickard 70 is a law clerk in Ohio.
Capt. Paul H. Ramsey 70 is a captain in the U.S. Air Force, stationed in England. He is a captain and pilot.
Charles A. Laun 69 is an associate professor of educational psychology at George Washington University.

Editor: Tim Shelton

Send to: Alumni Office, Hope College, Holland, Michigan 49423

The Alumni News encourages readers to reach out to the individuals mentioned for further information or updates on their latest projects and achievements.

The Alumni News also highlights the importance of alumni engagement, noting the significant contributions of alumni leaders in various sectors such as technology, business, education, and the arts.

The Alumni News concludes by encouraging alumni to participate in alumni events, stay connected, and continue to support the university's mission.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News concludes by encouraging alumni to share their stories and experiences, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.

The Alumni News provides a platform for alumni to share their stories, experiences, and advice, promoting a sense of community and mutual support among alumni.

The Alumni News emphasizes the role of alumni in shaping the future of the university and society, highlighting the impact of alumni contributions on various fields.

The Alumni News concludes by inviting alumni to stay connected and engage with the university community, fostering a lifelong connection to the university and its values.

The Alumni News underscores the importance of alumni engagement in sustaining the university's mission and ensuring its continued excellence.
Wind Energy Today

by L. Ward Slager

Within the past few years the push for pollution control, the realization that fossil fuels are only a finite energy resource has spawned a group of alternate energy industries. One of these fledgling industries is the wind industry. In reality it is not new but the renaissance of an industry that extended back to the 1100's and suffered a severe setback from fossil fuels and K.I.A. in the 1930's and 40's.

The present wind industry has its roots in the environmental and energy styles prevalent in the late 60's and early 70's. Many of the people involved in the "back to nature" movement of that time realized that they did need each other for economic and ecological reasons. They were able to get a start in an inexpensive and non-polluting form by resurrecting many of the old wind electric generators produced by such companies as Jacobs Wind Electric, Wincherger, Dunkite, and Paris-Dunite. These generators had lain idle in farmyards for many years but due to simplicity and ruggedness of their design were put back into service easily.

Parts of that "Mother Earth" sentiment, such as a non-polluting lifestyle, are now slowly becoming societal values. These values along with the various energy "crises" that are occurring are behind the development of the wind industry from small garage inventors into businesses to larger mass consumer oriented concerns. This is a necessary one and is being achieved by the infusion of money from the federal Department of Energy into the research and development labs of businesses and universities around the country. Such companies as Lockheed, Grumman Aerospace and Rockwell International are designing, building and testing large (100 foot to 400 foot) diameter wind generators to be used either individually or in groups as an electric utility for small towns and villages. These machines will be of two types. They will be either a conventionally styled two-bladed rotor or the unconventional "one bladed" Darrieus rotor. If the large machines currently being tested prove themselves, they will find wide application and could number as many as 100,000 to 200,000 installed units by the year 2000, according to General Electric study.

Smaller, less well-known companies such as Wind Energy Systems and Technologies, Windworks, Zephyr Wind Dynamic, Dakota Wind and Sun, and Natural Power, and numerous universities are working on small (6 foot to 40 foot) diameter machines to meet the growing market for supplementary power systems in vacation homes, rural homes, remote fire stations and oil rigs, offshore booms, and agricultural irrigation. Another large market is developing in the "Third World" countries. Most of these machines are conventionally styled two or three bladed machines with either AC or DC generators. The studies referred to in the previous paragraph also concluded that in North America as many as 9 million small machines could be installed by the year 2000.

With the above background one may wonder why wind electric generators are not springing up throughout the country side, helping to alleviate the current energy problems. Although there are many factors, the main reason that this is not happening presently is economic. (One factor to keep in mind while reading this is that even with implementation of 300,000 large and 9 million small machines only 5 to 8% of the projected U.S. electrical energy demand in the year 2000 could be met by wind. The energy "crisis" will not be solved by any one source.)

The government money which is an imperious necessity needed by the wind industry has its shortcomings. The research and production of large machines which might be quickly done in the private business sector is slowed by the government's role in the R and D program. Private business finds it advantageous, understandably, to let the government provide all the money for R and D even if it does take years longer to complete the program and even though large machines are presently economically feasible (costs to consumer would run 3 to 4 cents per kilowatt hour).

The economics of small wind machines takes on several other dimensions. First, business would rather not get involved with small wind machines because of the large amount of capital and labor it would take to produce and market the 100 to 200 small machines needed to match the profits of selling one large machine. Secondly, the present small businesses are highly competitive and capital poor and many of the advances that are made on design and production are not shared. This has the effect of slowing the whole industry down. Finally, in most areas where electrical energy is available for less than 6 cents per kwh, consumers are not willing to look at it as much as a 15 year payback on their investment in the wind machine even if this is still much less than the 20 to 40 year system lifetime. Thus the lack of large amounts of capital competition, and a competitive market are impeding the progress of the small wind systems industry.

What then is the immediate future of wind as an alternate energy source? Large scale wind systems will not begin making an impact for at least five and possibly ten years. At that time, they will be installed at the most favorable sites and will be interfaced with existing utility grids as primary supplementary systems. Small systems are now being produced, sold, and installed in limited quantities. As inflation and dwindling resources drive up the price of electrical power, the market will improve enough so that by the year 1985 there may be as many as 100,000 small machines in operation. This amount of production will reduce prices as production lines are put into operation, which will also improve the economic feasibility of wind for the average consumer.

In conclusion, the following facts are given as a guide to the individual who is considering the use of a wind system for his energy needs. The wind industry has been progressing rapidly in the past several years but is still a young industry. Many of the problems involved in using a wind system have not been completely worked out. Details such as maintenance, economic analysis of a particular installation and legal analysis of the aesthetic, wind rights, and utility interface considerations will be up to the individual consumer to work out. Help in these details is available from the American Wind Energy Association which is directly involved in the promotion of wind.  The average consumer should read the many materials most available through AWEA currently in print on wind energy and talk with the pioneers that presently have systems installed in order to gain experience with wind as an alternate energy source.