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Cover: Van Raalte Hall was built in 1903. It is believed the original cost was $35,000. Improvements in 1945 and 1952 cost $50,000. This building is constantly being improved and rearranged to accommodate the increasing student enrollment.

Published four times a year: January, April, July and October
Marian A. Stryker '31, Editor
Entered in the Post Office at Holland, Michigan as second class matter under the Act of August 24, 1912.
Dr. Lubbers used Psalm 1 as his theme and said the psalmist "must have known someone like Milton Hinga." He pointed out that Mr. Hinga lived his strong faith and continually showed his Christian character. He spoke of Mr. Hinga's keen judgment, charitableness and loyalty to what he believed was right.

Mr. Hinga is survived by his wife, Gladys; a daughter, Constance '49 (Mrs. Max D. Boersma), Grand Rapids; a son, William K. '51, Holland; six grandchildren; his mother, Mrs. A. E. Hinga, Peru, Ind.; two sisters and a brother.

A memorial fund was started at Hope College by alumni and friends as a tribute to Mr. Hinga. Mrs. Hinga and the family wish to express gratitude to all those who have contributed to the memorial, also to the many who have sent cards and letters of sympathy.

On Wednesday, June 1, the Holland Evening Sentinel carried the following editorial:

Thousands of people in the community and throughout the state knew Milton L. Hinga as "Bud." To many young people with whom he had contact over the years he was "coach," to others "Prof" as well as "Dean" in later years.

Milton L. Hinga spent almost half of his life coaching and teaching in Holland, first at Holland High School and then at Hope College. He was also a familiar person in many other parts of the state serving as sports referee.

A native of Kalamazoo, he came to Holland in 1923 for an eight year stay at Holland High School. He moved to Hope where he coached until 1946 and served as dean of men for 12 years. Since 1956 he was dean of students living on the campus.

The students of Hope honored Milton L. Hinga by dedicating their yearbook this year to him. In their dedication, the students pointed out that although Dean Hinga has become widely known throughout the area as an excellent coach, sports enthusiast and authority, his greatest contribution was as a friend, a guide and counselor.

Thousands will remember him as an outstanding person influencing the lives of both young and old. No one can give as much time and energy as he without gaining the respect of all those with whom he came in contact.

Coaching all sports and serving as athletic director for almost two decades at Hope, his teams hung up many records. The "Blitz Kids," his 1942-43 team, held a reunion in February when they attended the basketball game in the Civic Center.

Hinga taught a young people's class at Hope Reformed Church for several years and he also spent many summers as a counselor for teenagers at Reformed Church camps.

Hinga's instruction and counseling proved valuable and helped shape many lives. Many of the young people he counseled later entered the Christian ministry.

We were pleased to know Mr. Hinga and his family personally. Many people shared similar fine relationships with this man, not only the young people but their fathers and mothers as well. We have lost a fine citizen and we join thousands who will miss Milton L. (Bud) Hinga.
AREND D. LUBBERS

Pella, Iowa — The Executive Committee of the Central College Board of Trustees announced on June 2, the appointment of Arend D. (Don) Lubbers, 28, as president of the college, thus making him the youngest college president in Iowa and one of the youngest in the United States.

Lubbers will begin his duties on August 15 at which time Dr. G. T. Vander Lugt’s resignation becomes effective. Dr. Vander Lugt will go to New Brunswick (N. J.) Seminary to assume the James Suydam chair of systematic theology. Lubbers has been vice president for development at Central since September, 1959.

As president of Central, Lubbers follows in the footsteps of his father, Dr. Irwin J. Lubbers, who served as the college’s president from 1935 to 1945 and has served as president of Hope College since 1945. Both colleges are sponsored by the Reformed Church in America which is the oldest church with a continuous history in the United States. Central College was founded in 1853.

A graduate of Hope in 1953, Lubbers received a master’s degree from Rutgers University in 1956 and is now a candidate for the doctorate degree at that institution. His thesis topic is “The History of the Reformed Church in America 1788-1851.” He served as an instructor in history at Wittenberg College, Springfield, Ohio from 1956 to 1958.

Lubbers is a member of the American Historical Association, the American Alumni Council, Pi Kappa Delta, Phi Alpha Theta, Fraternal Society, Rotary and the Reformed Church in America. In the summer of 1951 he was chosen as Community Ambassador from Holland, Michigan to Yugoslavia. He is married to Eunice Mayo Lubbers, formerly of New Brunswick, N. J., and has three children: Arend D., six; John Irwin Darrow, three; and Mary Elizabeth, one.

Lubbers is a 1949 Holland High graduate and served as high school mayor.

Editor’s note: “Like father, like son” has been repeated by nearly everyone in Holland since Don’s new position was announced. There is another somewhat less familiar quotation which is singularly applicable to this pair: “One father is more than a hundred schoolmasters.” Your editor adds: “and when the father is a teacher by gift and by training . . .”, we predict a bright career in college administration for President Lubbers’ son!

EUGENE E. VAN TAMALEN

HOPE GRADUATE IS AWARDED $50,000 RESEARCH GRANT

Reprinted from Holland Evening Sentinel May 11, 1960

A 34-year-old Hope College graduate has been given a six-year, unsolicited and unrestricted $50,000 research grant from the Petroleum Research Fund.

Prof. Eugene E. Van Tamelen, former Zeeland resident who has been with the science department of the University of Wisconsin since 1950, may use the money for basic research along any line which may afford a basis for subsequent research directly connected with the petroleum field.

The importance of such grants to basic researchers is that the freedom of investigation the grants give often leads to broad concepts and ideas not yet recognizable. It is quite possible, but not absolutely necessary, that Prof. Van Tamelen’s studies may lead to improved petroleum industry processes, more efficient fuels or new methods of synthesizing petroleum derivatives.

Prof. Van Tamelen is internationally known for his work in determining the molecular structure of natural products and chemical synthesis, or laboratory manufacture of such compounds. He and his colleagues’ most recent research contribution was the synthesis of colchicine, one of a group of complicated chemical compounds that affect cell growth which may some day be useful in cancer control.

The scientist received an A.B. degree from Hope College in 1947, M.A. from Harvard in 1949 and a Ph.D. from Harvard in 1950. He went directly to the

(Continued on Page 16)
Miss Ross Retires

As Miss Ross closes her career, forty years of searching, learning, teaching are summoned for review and analysis. The review reveals that she has taught all the courses—twenty-eight of them now provided in the Hope College history curriculum—save one, Europe and the World in the Atomic Age. Four of the current offerings were first proposed, developed and offered by her. These are Geography—Human and Political, History of the Far East, History of Sub-Sahara Africa and Contemporary Problems.

In analyzing the scope of the courses Miss Ross has taught, one can’t help noticing that her teaching has demanded continual study and research. Indeed a colleague in the history department has often remarked with amazement that Miss Ross insisted on teaching but one section of any subject. She never allowed herself the “luxury” of a second section where she could coast by repeating the material used in the first section.

A glance at the history courses listed in the Bulletin shows that during the last two years of her teaching career she has taught ten different courses. A second glance will awe one with the range of this subject matter—all the way from Cultural History of the Early Mediterranean to Contemporary Problems.

It is amazing to learn further in this review that the diverse subject matter Miss Ross has taught has not consumed all her time and all her energy. During these years at Hope College—thirty-four of them—she has never relaxed her devotion to the cultural development of the Hope students. In the pursuit of this cause she started Palette and Masque, Hope’s dramatic society which has evolved to high status on the campus. Another of her “babies” was the International Relations Club which, too, has developed into an organization of distinction.

Those who know Miss Ross describe her as a feminist. In promoting political, mental, social, and industrial equality of women with men, she has mirrored her own status.

But this is not to say that her feminism has limited her femininity. Though she might have one think she is objective in her approach to all things, she has been unskilled in covering up her subjective interest in her students. She has been sensitive to their needs and has in a manner she thinks is not known, provided the things needed for several to continue their education. In the matter of her appearance and dress, Miss Ross has enjoyed traditionally feminine interests. Blessed with a good skin and pretty hair, good taste and a good figure, it has probably not been too difficult for her to look as nice as she always does.

Purposeful is another adjective a friend used to describe her basic trait. No matter what she does, purpose is evident. And perhaps this quality has been the secret of her accomplishment. She has been efficient by doing only the things she could justify doing.

Woodworking, from jack knife carving to furniture making, is one of Miss Ross’ many hobbies. The friend who labeled her “purposeful” said, “Miss Ross attacks her furniture making for her cabin with the same measure of resolution and precision she used in teaching United States History in Holland High School and in preparing for new courses at Hope College.”

With her close associate of many years, Miss Janet Mulder, Miss Ross has enjoyed a delightful social life in Holland and Grand Rapids. The Mulder-Ross cabin on Drummond Island is a so-called summer retreat, but members of the Hope staff who have visited them there—often overheard hinting for a return invitation—report that these two have captured “Utopia.” With a colony of like minded people the activity there hardly qualifies as a retreat.

It will be at the cabin, no doubt, that Miss Ross will carry out some of her projects for the future. She has several manuscripts in the making. She plans to read most of the 150/200 books that have been passed over in her library. A trip to Europe, Africa, the Middle East will conjure up memories of classroom travels. All these will be spiced with her gentler hobbies of bird-watching, fishing, boating, cooking.

Though Miss Ross closes her formal teaching career, deeply entrenched traits that have characterized her work will not be shaken. Hope alumni and faculty know that she will continue to search, to learn and inadvertently to teach.

The whole art of teaching is only
the art of awakening the natural curiosity
of young minds for
the purpose of satisfying it afterwards.

Anatole France
"There’s music in all things, if men had ears," a quotation from Byron is the inscription on a gift presented by the classes of 1955 and 1956 to the college. Pictured above it was designed as a sculpture for the Music Building by William R. Krueger. He was engaged by the classes through their representatives, K. Don Jacobusse ’55 and John and Mary Hospers De Pree ’56, to make a memorial piece. It has been mounted in the west window of the north corridor of the Music Building. K. Don (center) and John (right) presented it to the college on the afternoon of Commencement Day, June 6. Marian Stryker (left) accepted the sculpture for the Alumni Association.

At the time the piece was designed and executed Mr. Krueger was Art Instructor at Eastern Michigan University in Ypsilanti. He is, however, moving to the Art Department of Queens College in New York in August.

Mr. Krueger, a 1955 graduate of Oberlin College with an M.S. degree from the University of Wisconsin, is an interesting young artist who works with a medium of molten steel from which the above was designed. A journalism student at Eastern wrote the accompanying sketch of the artist as a class assignment.

He dug potatoes, made Band-Aids, ran a punch press, carried luggage, sold brushes and now, thirty-five job experiences later, William R. Krueger is taming molten metal to act as clay.

Krueger specializes in steel sculpture that varies from solid forms to open steel lines enclosing space; from the human figure to expressive abstract forms, and, in scale, from a charming two inches to a dramatic nine feet.

This fascinating up-and-coming sculptor is as versatile as his work. His enthusiasm does not stop with art but carries over into the fields of psychology, philosophy, drama and literature.

His determination to experience creative "firsts" was recently obtained with his completion of a steel portrait head he was commissioned to make of a wealthy New York man. Mr. Krueger explained: "It is the first to my knowledge ever to be modeled from steel."

He is currently involved in several other "firsts." Among them are the development of an Alumunim alloy that does not shrink and a primer on aesthetics designed for art majors.

Along with these projects and teaching Sculpture, Ceramics and Integrated Arts at Eastern, Mr. Krueger is showing his work in Detroit, Birmingham, Grand Rapids, New York and Nashville. He is also working on plans for the commission pieces for the Hope College Music Building and the portrait head of a missionary in India.

Krueger, who seems to have been going places all his life—is now watching his work go places also.

**ADVANCED DEGREES**


Merwyn R. Vander Lind ’58, M.S. Physics, Ohio University, June 5, 1960.


Leonard G. Rowell ’57, B.D. Drew University, June 6, 1960.


John F. Pelon ’52, M.S.W., Rutgers U., June 8, 1960.

Peter N. VandenBerge ’37, M.L.S., Rutgers U., June 8, 1960.


Merle O. Plagge ’56N, M.D. St. Louis U., 1960.


ALUMNI ASSOCIATION BOARD NOTES

Three recently appointed directors were present at the semi-annual meeting of the Alumni Board on June 4.

Anthony P. Dijkstra '41 represented the Rochester Club; James B. Hinkamp '40, the Detroit Club, and Richard A. Hertel, the 1960 class.

"Tony" succeeds Pearle Leenhouts Beach '27 whose term expired this year. He is a graduate of Western Seminary and has served two pastores: the Marion, New York, Reformed Church (4 years); and the Interlaken, New York, Reformed Church (10 years). Since 1958 he has been instructor in English at the Canandaigua, New York Academy. His teaching is combined with work leading to a graduate degree in English and Education at the University of Rochester.

"Jim" takes over for Harry Friesema '32 whose term also expired this spring. Currently he is Research Supervisor of Petroleum Additives at the Ethyl Corporation in Detroit. He joined the company in 1955 as Research Chemist, moved to Section Head in 1948, and to his present title in 1952. A professional scientist with a Ph.D. from Ohio State U. in 1943, Jim is the author of twenty publications and patents primarily on Petroleum Additives. His extra-curricular activities include his being Vice Chairman of Birmingham Citizens Committee for the Study of Curriculum, and Elder in the First Presbyterian Church of Birmingham. His wife is the classmate "teddy" Meulendyke. There are three Hinkamp children: James II, 14 years old; Joan, 11, and Billy, 8.

Dick Hertel was elected by his class to represent it for a two year term. He is entering Calvin Seminary in September. Being close to Hope's campus, he will be able to attend the Board meetings.

At the June 4 Alumni Board meeting Dr. Hollembach asked the directors to consider the matter of continuing the Academic Homecoming and the promotion of club meetings as a continuing education medium.

After considerable discussion concerning the first proposal, the Board acted to eliminate Academic Homecoming from the 1960 program. In the discussion it was found that the students do not care to have everything academic. They like one week-end of relaxation. If an Academic Homecoming is to be tied with Homecoming it should be provided once during each student generation rather than yearly. Also it was felt that an academic week-end might better stand alone at some other time in the college calendar.

Considering the proposition of making club meetings continuing education sessions, it was pointed out that many colleges find they are more successful in getting alumni out for club meetings if it is made a worthwhile evening with intellectual stimulation. Dr. Hollembach had proposed that members of the Hope faculty could prepare good papers in various areas—Dr. Voogd is going to Jerusalem this summer, Al Vanderbush to the Democratic National Convention, et cetera—programs available could be sent to club officers to choose the one desirable for the particular club.

The Board acted to create a committee with Dr. Hollembach as chairman to organize a so-called speaker's bureau.

In Dr. Lubbers' remarks to the Board he announced that the Kresge Foundation had given Hope $50,000, the same amount it had given to De Pauw and Brown; the "Looking Ahead with Hope" campaign in Wisconsin, under the chairmanship of John Ver Meulen, raised $15,000; the campaign will continue in Detroit during June and then be discontinued until fall when it will be opened in the New York City area.

Dr. Vander Lugt, college dean reported on the Academic Progress of the college. He reported the changes in curriculum, schedule and staff.

Final action by the Board was taken as a result of a report made by Dr. Paul Fried, director of the Vienna Summer School. This action will be announced in the October Alumni Magazine which will also contain a resume of the five years of the Vienna Summer School; prepared in Vienna.

Statistics taken from plans of the Class of 1960 reported in this magazine:
38% will enter the teaching profession;
35% will enter graduate schools or seminaries;
10% will take positions;
1% will enter the Armed Services;
15% are undecided.

Thirteen per cent of the total number of graduates received scholarships, fellowships, or assistantships for graduate study.

Dr. Clarence H. Hollembach

DR. HOLLEMBACH ALUMNI DINNER SPEAKER

Dr. Clarence H. Hollembach '14, retired missionary doctor just returned from Taiwan, was the speaker at the annual Alumni Day Dinner in the Civic Center on June 4.

Special guests were Miss Metta J. Ross who retired from the Hope faculty at the close of the year; Miss Martha Jane Gibson, English professor on the Hope faculty from 1919 to 1929; members of the 50 Year Circle, the Class of 1960; Miss Laura Boyd and Mr. Albert Lampen, retired faculty; Mr. G. J. Van Zooren, donor of the Van Zooren library to be built before Alumni Day 1961.

Dr. Hollembach related first person incidents and situations he had encountered in his 34 years as a practicing physician and surgeon in the Orient: 31 years in China where he was Superintendent of Hope Hospital in Amoy, and the past three years in Taipei, Taiwan in charge of Mackay Memorial Hospital.

Dr. Hollembach's narrative was so inspiring that Dr. Lubbers remarked, "It sounded like the missionary journeys of St. Paul."

Paul Dame, President of the Alumni Association, was master of ceremonies for the dinner program.

Reunions held during the day (pictured in this magazine) were reported to be well attended and happy occasions.
1960 Alumni and Their Plans

Editor's note. This list includes those who will finish their work July 29, those who completed their work on January 29, and those who received their degrees at Commencement on June 6.

Coulson, Charles M., Jr., Jersey City, N. J., U. of Miami (Fla.) graduate school, psychology.
Crawford, Sharon A., Holland, teach (secondary).
Damstra, Philip L., Holland, Wayne State U. College of Medicine.
De Braal, Alan R., Rochester, enroll Military Service.
De Jong, Carl, Orange City, la., enroll Western Seminary.
De Jong, Marcia Baldwin, Muskegon, teach (elementary) Madison, Wis.
De Jong, Marvin L., Hudsonville, graduate assistantship, Clarkson College of Technology, physics.
De Jong, Mary L., Hudsonville, teach (elementary) Portage.
De Jonge, John W., Zeeland, indefinite plans.
De Noble, Janet, Prospect Park, N. J., teach (elementary).
De Vries, Martin, Jr., Holland, graduate school.
De Vries, Roger L., Zeeland, U. of Mich. graduate assistantship, chemistry.
De Witte, Sheryl R., Fremont, Mich., social work Seattle, Wash.
Diekmann, Fred, Union City, N. J., marry Barbara Bootsman '60 June 11, New Brunswick Seminary.
Dorn, Margot Fisher, Kalkaska, indefinite plans, husband in USAF.

Doyle, Shirley A., Keansburg, N. J., marry Duane Voskuil '60 June 11, teach (secondary).
Edwards, Suzanna L., Herkimer, N. Y., marry Don Paarberg July 9, teach (elementary).
Elzinga, Marshall G., Hudsonville, U. of Ill. graduate assistantship, biology-chemistry.
Elzinga, William E., Ellsworth, Mich., graduate school, chemistry.
Emerson, E. Keith, Sturgis, Mich., indefinite plans.
Emmick, Barbara A., Holland, Knapp Fellowship U. of Wis.
Emmons, Craig G., Holland, graduate school, library science.
Engbers, James A., Grand Rapids, indefinite plans.
Engel, Gary J., Flushing, N. Y., teach (secondary).
Evans, Suzanne A., Bernus Point, N. Y., marry Douglas Neckers '60 June 18, teach in Lawrence, Kan. public schools.
Evenhuis, James R., Grand Rapids, marry Rosemarie Kish '58, June 18, indefinite plans.
Evers, James L., Chicago, scholarship and assistantship, Oberlin College, English.
Fell, Paul E., Warren, Va., scholarship in physiology, Stanford U.
Fiske, Evert H., Holland, attend Western Seminary.
Picklema, Thomas O., Muskegon, Wayne State U. graduate assistantship, history.
Franken, Robert E., Winnepeg, Claremont graduate school, Calif., psychology.
Gallo, Donald R., Paterson, N. J., scholarship and assistantship, Oberlin College, English.
Garfield, Alta, Rochester, work for a year, objective graduate school.
Garvelink, Carol Nieuwsma, Holland, teach (elementary) Zeeland.
Gilmore, John C., Oak Park, Ill., retailing.
Gloss, Mildred, Mt. Prospect, Ill., indefinite plans.
Gotte, Margo, Rego Park, N. Y., U. of Ind. graduate scholarship, German.
Hale, Charles E., Frewsburg, N. Y., teach (secondary).
Hall, William G., Jr., Gary, Ind., indefinite plans.
Hansen, Thorval, Grand Rapids, teach (elementary) Rockford, Mich.
Hellenig, Lorraine, Three Oaks, teaching assistantship Wayne State U., chemistry.
Hendrickson, Jerry A., Grand Rapids, working in Grand Rapids doing juvenile rehabilitation.
Hertel, Richard A., Holland, marry Phyllis Welch '60 Aug. 19, attend Calvin Seminary.
Hollander, Edna, Kalamazoo, marry Larry Ter Molen '59 June 11, teach.
Hoogendoorn, Jack L., Kalamazoo, floral business with father in Kalamazoo.
Huijzena, Paul, Grandville, Mich., teach (secondary), Kelloggsville.
Huijzena, Peter H., Berwyn, Ill., law school.
Huibregtse, William H., Sheboygan, Wis., teach in Wis.
Janssen, Kenneth L., Grand Haven, assistantship U. of Wis., Spanish.
Johnson, Richard W., Keyport, N. J., work until inducted in armed services.
Johnson, Walter L., Grand Rapids, indefinite plans.
Karr, James, Grand Haven, indefinite plans.
Katerberg, Rudolph, the Netherlands, New Brunswick Seminary.
Klaaren, Mary Ann, Sioux Center, Ia., teach (secondary) in Hawaii.
Klaassen, Elaine Dykhuizen, Scotia, N. Y., indefinite plans.
Kleinhansel, John R., Holland, New Brunswick Seminary.
Kleinhansel, Roger E., Holland, Western Seminary.
Koef, Albert R., Herkimer, N. Y., insurance or marketing field.
Koller, Alfred E., Flushing, N. Y., indefinite plans.
Kraai, Franklin D., Holland, teach (elementary) West Ottawa.
Kranendonk, James M., Halkirk, Alberta, indefinite plans.
Kyle, Janice M., Fremont, teach (elementary) Fremont.
Laning, Ruth J., Oak Park, Ill., social work.
LaRose, Ronald W., New Milford, N. J., New Brunswick Seminary.
Larsen, James W., Muskegon Heights, Wartburg Seminary, Dubuque, Ia.
Law, Else Wen-Hua, Hong Kong, Western Seminary.
Law, Jeremy C. H., Hong Kong, Western Seminary.
Lecstma, Jan E., Battle Creek, U. of Mich. Medical School.
LeTarte, Clyde, Muskegon, teach (secondary) Mt. Morris.
Looman, Gary J., Zeeland, Western Seminary.
Lydens, Paul G., Sandusky, O., a seminary.
Machiele, Delwyn E., Zeeland, U. of Ill. graduate assistantship, chemistry.
Maertens, Herman H., Brooklyn, N. Y., a seminary.
McCarthy, Thomas L., Holland, graduate assistantship, U. of Ind., marketing.
Meengs, Paula Nykamp, Zeeland, living in Chicago.
Mih, Franklin, Lima, Peru, indefinite plans.
Mohr, James, Jenison, Mich., teach (secondary) Forest Hills (G. R.).
Montele, Hazel M., Byron Center, graduate assistantship Ohio University, physics.
Moore, Richard W., Canastota, N. Y., graduate study, psychology, or military service.
Moore, Thomas C., Schenectady, Latin American Institute, NYC.
Muyskens, Bernice, Mitchell, S. D., teach (secondary).
Necker, Douglas C., Clymer, N. Y., assistantship U. of Kan., chemistry.
Nelson, Lynalice, Muskegon, teach (elementary) Muskegon.
Nyhuis, Karen M., Waupun, Wis., marry Arthur Olson '59 June 17, teach (elementary) Spring Lake.
Oosterhof, Elizabeth J., Holland, marry Keith Brower '58 in June.
Overzet, Jack R., Dorr, teach (secondary).
Owen, Janet L., Kalamazoo, teach (secondary) Lansing.
Peelen, George W., Kalamazoo, indefinite plans.
Petrojevic, Marvin J., Holland, graduate school in history.
Phillippsen, Barbara, Conesus, N. Y., teach (elementary) West Ottawa.
Piersma, Donald D., S. Holland, Ill., teach (secondary).
Plassche, Loretta M., Williamson, N. Y., teach (elementary) Pompton Plains, N. J.
Platzer, Wayne D., Castleton on Hudson, N. Y., graduate school, guidance, counseling.
Post, Stuart H., Holland, indefinite plans.
Poit, Carl H., Poughkeepsie, N. Y., indefinite plans.
Polsch, David W., West Olive, "migrate" to Calif.
Raterink, Gary J., Zeeland, indefinite plans.
Rikkers, David D., Jonesboro, Ind., indefinite plans.
Ruppi, Tyrone D., Wauseon, O., indefinite plans.
Rynbrandt, Alyn J., Jamestown, indefinite plans.
Saunders, Robert, Holland, military service.
Schaap, Marguerite, Holland, indefinite plans.
Schaakemp, Myrna R., Orange City, Ia., marry Gary Kreykes, July 1, teach (secondary).
Schlafer, Sheryl J., Leaf River, Ill., graduate school, economics.
Schroeder, Joan A., Calgary, Canada, teach (secondary) Lansing.
Schat, Camilla R., Hudsonville, teach (elementary).
Schat, Roger L., Hudsonville, teach (secondary) Battle Creek.
Schat, Rolland J., Hudsonville, teach (secondary) Grandville.
Scudder, Kathryn Kurth, Southgate, living in Yonkers, N. Y.
Scudder, Marilyn J., Kuwait, Arabian Gulf, return to Hope to take science courses in order to enter medical school in the fall of 1961.
Shary, Frank C., plans indefinite.
Siebeling, Ron J., Kohler, Wis., indefinite plans.
Siedentop, Daryl, Downers Grove, Ill., return to Hope as assistant coach.

(Continued on Page 10)
EUNIONS

CLASS OF 1935

CLASS OF 1940

CLASS OF 1955
1960 ALUMNI AND THEIR PLANS
(Continued from Page 7)

Sikkenga, Carol A., Spring Lake, marry Howard Waite June 18, teach (elementary) Portage.
Slyter, Diane C., Herkimer, N. Y., marry Philip Wells June 18, attend Columbia Teachers College, psychology.
Smith, Francis T., III, Detroit, National Tuberculosis Association Fellowship Wayne State U.
Smits, David C., Worthington, Minn., graduate school, chemistry.

Stockhoff, Ronald C., marry Harriet Davenport August 20, New Brunswick Seminary.
Stringer, C. James, Jr., Lansing, graduate school, hospital administration.
Swets, Ethelanne, Holland, marry John Ten Pas '29 July 29, teach (elementary) Homewood, Ill.
Sybesma, Standly D., Alton, Ia., teach (secondary) Spirit Lake, Minn.
Terbeck, Katherine, Cleveland, O., marry Fred Allen Aug. 20, teach (elementary) Holland.
Thompson, James F., South Haven, Research and Development Knaecker Co., Niles, Mich.
Thompson, Thomas W., Levittown, Pa., teach (secondary) Goodrich.
Thomson, Robert J., Detroit, teach and coach in school for handicapped.
Tillman, Janet L., St. Joseph, teach (kgn.) South Haven.
Tinholt, Lloyd, Holland, teach (elementary) Holland Hts.
Tomlinson, Jane, Churchville, Pa., teach (secondary).
Top, Virginia J., Hamilton, teach (elementary) Zeeland.
Tornga, Dorene, Grand Rapids, social work, Seattle, Wash.
Trimmer, Robert W., Schenectady, study Freiburg, Germany, chemistry.
Tysse, John, Coxsackie, N. Y., military service.
Tysse, Judith L., Lyndhurst, O., marry Tom Lubbers '59 Dec. 28, teach (elementary) Lyndhurst.
Trimppe, B. Dwayne, Holland, indefinite plans.

Vanderborgh, Nicholas E., Sayville, N. Y., graduate assistantship Southern Ill. U.; marry Shelby Braaksma '60 Aug. 20.
Vander Hill, C. Warren, Queens Village, N. Y., National Defense Scholarship U. of Denver, history; marry Joy Philip '60 Aug. 27.

Vander Kolk, Ivan W., Grandville, indefinite plans.

Vander Kolk, Joyce, New Brunswick, N. J., social work in Lansing.
Vander Mel, Bruce P., Delmar, N. Y., indefinite plans.

Vandermyde, Cynthia, So. Holland, Ill., teach (elementary) Flossmoor, Ill.
Vander Zwaag, Roger, Holland, assistantship Purdue U., math.
Vande Water, Ted D., Holland, teach (secondary) Forest Hills (G. R. I.)
Van Dyke, Catherine F., Holland, teaching (elementary) Holland.

Van Dyke, Judith, Zeeland, teach (elementary) Hudsonville; marry Rowland Van Es '60 June 14.
Van Es, Rowland D., Yakima, Wash., marry Judith Van Dyke '60 June 14; Western Seminary.
Van Koevering, Mary B., Zeeland, marry John Stryker June 17; teach (elementary) Ann Arbor.
Van Reyen, Paul E., the Netherlands, teaching assistantship Wayne State U., history.
Van't Kerkhoff, Sharon, Phoenix, Ariz., teach (elementary) New Brunswick, N. J.
Van Wyk, Paul H., Kalamazoo, indefinite plans.
Vermeer, Marjorie, Boyden, Ia., teach (elementary).
Ver Steeg, Melvin, Jr., Sheldon, Ia., industrial chemistry.
Voskuil, Duane M., Baldwin, Wis., marry Shirley Doyle '60 June 11; graduate assistantship Emory U., philosophy.
Walcott, Susan L., Grand Rapids, teach (elementary) Grand Rapids.
Wallace, Norma Junmont, N. J., return to Hope for Education course.
Walrad, Janet, Herkimer, N. Y., teach (secondary) Byron Center; marry Charles Smits '61, in December.
Walters, Elizabeth Bloemendaal, Zeeland, take care of family.
Weeks, Greta, Grand Rapids, teach (secondary) Forest Hills (G. R. I.)
Welch, Phyllis, Holland, teach (elementary) Grandville Christian.
Werkman, Duane T., Chicago, indefinite plans.
White, David E., Amsterdam, N. Y., graduate assistantship U. of Rochester, chemistry.
Wiegerink, Anne, Media, Pa., teach (elementary) Grand Ledge.

Wiersma, Marcia, Zeeland, marry Jack Van Eden Aug. 5; teach (elementary) Hudsonville.
Wood, Marjorie E., Ridgefield, N. J., work in chemical co.
Wristers, Harry J., New Orleans, graduate assistantship Ohio U., Chemistry; marry Joy Korver '59, June 19.
Yu, Hubert, Hong Kong, indefinite plans.

Zick, Shirley, Holland, teach (elementary).

BIRTH ANNOUNCEMENTS

Richard and Marilyn Failor '52 Aston, Richard Craig, November 13, Bethesda, Md.
Alfred and Joan Phillips Arwe, both '51, Susan Phillips, Sept. 11, 1959, Boonton, N. J.

Lawrence J. '58 and Loretta Schut, Ronald Lee, December 9, Minneapolis, Minn.

Donald '56 and Mrs. Van Etten, Julie Kay, January 6, Iowa City, Ia.
Max '46 and Connie Hinga '49 Boersma, Paul Hinga, January 15, Grand Rapids.

James '52 and Jackie Harvey, Leslie Ann, December 15, Grand Rapids.

Harry '51 and Mary Zweig, '52 Visscher, Ronald Scott, January 17, Zion, Ill.

Norman and Mary Lou Ziegler, both '54, Debra Lynn, February 21, Ann Arbor.

George and Mary Vugteveen Van Verst, both '58, Scott Paul, March 18, Oak Park, Ill.
William A. '54 and Mary Jane Rietfeld '55, Peter Brian, March 19, Minneapolis.

Willard and Joyce Vanderborgh Rink, both '55, Daniel Brian, March 21, Grand Rapids.

John and Marguerite Prins De Haan, both '49, Marguerite Anne, March 25, Holland.

EGBERT and Barbara Lindeman '52 Boer, Barbara Lin, March 29, Holland.

James and Adele Cramer '58 Bozeman, Julie Elaine, March 27, Muskegon.

(Continued on Page 16)
LIBERAL EDUCATION

by

Theodore O. Yntema '21
Vice President—Finance
Ford Motor Company

All of you in this graduating class, in one way or another, will continue your education—most of you for forty or fifty years or longer. And all of you, directly or indirectly, will have responsibilities for the education of others.

So I should like to talk with you about education—and more particularly about liberal education, in which you have been, and (no matter what you do) will be, engaged.

Although I have had a liberal arts undergraduate course, four years of graduate study, twenty-five years of University teaching and research and ten years in business, I doubt that I could get a passing grade on examination in half of the courses you have to your credit. And I doubt that most of your faculty members could do much better. I suspect, too, that you who are about to receive your diplomas have already forgotten half of what you already learned in college.

Moreover, many of you who are looking forward to business and professional careers will have jobs twenty years from now quite different from what you anticipate.

You may well ask: If we forget most of what we learn in college, isn't it a waste of time? Does a liberal education prepare me for life? How can any education prepare me, if I don't know what I am going to be doing?

During the past ten years, I have thought about these questions a good deal. From rather fragmentary observation, experience and discussion I have evolved some partial, tentative answers. I am not sure my answers are entirely right, but I hope you will find them interesting and helpful.

As most of you may have discovered, knotty problems can often be resolved by careful definition of terms. So let me start with a definition of liberal education as one that contributes best to a full, productive, satisfying life. More specifically I would classify a liberal education into four parts. These are the acquisition and development of, respectively, (1) a considered sense of values based on religion, philosophy and experience; (2) the basic abilities and skills that are widely transferable and needed in nearly all walks of life. In this category I include mastery of the scientific method, understanding people and working with them effectively, communication, organization (the marshalling of scarce resources for given ends), wholehearted and persistent application to the task at hand, and memory; (3) a judiciously selected knowledge of classified facts and relationships; and (4) joy—satisfaction—well-being—whatever you call it—in the exercise of one's faculties in doing, perceiving, hearing, touching, in the various aspects of life.

I would say that you have a liberal education if you have a sense of values thoughtfully evolved—if you have the basic skills and abilities generally needed to do the world's work—if you have a fair amount of classified and ordered knowledge—and if you find satisfaction in work and play, and enjoyment in the good things of life. In addition, of course, you may possess, and an educated man or woman often does possess, specialized competence in some particular field of knowledge or activity.

Today I want to deal especially with the transferable skills and abilities that are generally needed to do the world's work. These are not the most important part of a liberal education. It is better to have a proper sense of values and capacity for joy in living than the ability to perform near-miracles. "For what is a man profited, if he shall gain the whole world and lose his own soul?"

In most colleges the plan of liberal education is consciously designed to develop a considered sense of values, to impart systematic knowledge in various fields and to help acquire joy in doing and living. It is usually not so well designed to develop certain of the basic and generally useful abilities.

Though the following categories are not mutually exclusive, I have found it convenient to think of the basic skills and abilities as:

1. Mastery of the scientific method.
2. Understanding people and working with them effectively.
3. Communication.
4. Organization of scarce resources for given ends.
5. Persistent application to the task at hand.
6. Memory.

Show me a person who can see and solve problems, who understands and knows how to work with people, who is good at communication, who knows how to organize the resources he commands, who will throw himself into his work wholeheartedly, who has a good memory, and I

3 Matthew 16:23.
A liberal education contributes to a full, productive, satisfying life

will show you a person who can turn easily and successfully to any one of a wide range of careers.

Many men prepare for one career but shift with little or no handicap to another. Executives move from one kind of job to another — often with greater success than if they stick to one last. I have seen a number of persons who were successful in teaching and research move easily to success in business. Consultants tackle problems with which they have little prior acquaintance and solve them readily. In my own experience I have been amazed at the transferability of abilities and skills as I have shifted from one career to another and from one problem to another. What impresses me is how much the requirements for various jobs have in common and how easy it is in most instances to pick up the special knowledge in a particular field.

I do not imply that a person with the basic skills and abilities can overweight become a great mathematician, or physicist, or lawyer, or musician, or writer, or dancer. There are some careers that require special talents, and often prolonged development of those talents. But even in these careers the basic skills, and abilities are usually necessary or very helpful.

What I am saying is that most careers require the same basic skills and abilities, and in many such careers these basic skills and abilities constitute a substantial part of the requisites for success.

Why should this be so? The reasons are not hard to discover.

First: The scientific method, the process of seeing and solving problems, is universal; moreover, it is largely (although not wholly) invariant from field to field in its basic characteristics.

Second: Almost all careers involve relationships with people.

Third: A vital aspect of relationships with people is communication.

Fourth: In practically all situations we are engaged in organizing scarce resources to achieve some given end. The general principles of such organization are common to various fields of endeavor.

Fifth: Achievement calls for persistent effort.

Sixth: Some memory is required because we cannot operate with an empty head.

Let me say a few words about each of these six basic skills and abilities.

The Scientific Method

First, the ability to use the scientific method. The scientific method is the process of seeing and solving problems. It involves observation, the detection of similarities and dissimilarities in phenomena, the tentative specification of categories and relationships based on observation and on deduction from prior discoveries, and the testing of such tentative hypotheses by experiment and experience.

Logic and mathematics and statistics, in various degrees and forms, are required in particular applications of the scientific method. The roles of mathematics and statistics in the physical, biological and social sciences are established.

It is not so generally realized, however, that certain concepts in mathematics and logic have widespread application to the ordinary problems of life. These concepts include (among others) inequalities, rate of change, rate of relative change, acceleration in the rate of change, and particularly the conditions for a maximum or a minimum. (We are forever trying to maximize or minimize something that depends on other variables.)

The most important part of the scientific method, however, is the part most neglected in formal education — namely, seeing problems. Observation of phenomena, the perception of possible uniformities or relationships, and the specification of hypotheses in form to be tested — invention, if you will — are given lip service but often get scant attention.

The scientific method is not the prerogative of the physical, or biological, or social sciences. Science and the scientific method are not the same thing. A science is a body of systematic, ordered knowledge. The scientific method is the process of seeing and solving problems. Most students in the physical, biological and social sciences do not master the scientific method — because most of them do not learn to see, or perceive, or invent. I believe the scientific method (including perception) can be learned. I believe that such learning should be one of the prime objectives in education.

Maybe things are different now, but when I was young, I learned as much about the scientific method working on the farm and going fishing as I did in college. It is true I got good training in mathematics, in deductive logic, and in communication. But in school I did not get much training in observation, in seeing, in developing hunches, in invention — which are even more important than the more routine processes of specification of the hypothesis and formal testing.

Most education, at least in my time, involved too much spoon-feeding — too little emphasis on observation, detection of problems and development of ideas as to their solution.

After you leave the academic halls and as you grow older, you will be expected to acquire "judgment." Actually, of course, the development of judgment begins at birth and proceeds with amazing rapidity in pre-school years. The process is usually partially interrupted by formal schooling. Most students never are exposed to systematic treatment of the processes involved in arriving at common-sense judgments. Usually such matters are found only in courses in the philosophy of inference or inverse probabilities, and then the student is lucky indeed if the professor indicates that the seemingly esoteric processes discussed are the essence of what one does naturally.

Judgment involves the bringing of previous relevant experience to bear on a problem. If the character of this process were understood and if the opportunities for transfer of previous knowledge and experience to new situations were appreciated, I believe that we could significantly accelerate the acquisition of judgment. This would be an enormous gain.

Understanding People

Understanding people and working with them effectively is the second of the transferable skills and abilities. This is one of the most perplexing fields of learning. Because of these perplexities there is a tendency in college to concentrate on impersonal facts and ideas. When we get out of college, we have to pay attention to people. My controller often says to me with great wisdom, "The technical problems we can lick — the really tough problems are people." To work with people well, we have to under-

A sense of values thoughtfully evolved — basic skills needed to do the world's work
stand them — how they act and react and, insofar as possible, why they react as they do. We have to size them up — their demonstrated and especially their potential abilities. We have to learn to take orders, to give orders, to join with our colleagues in common effort, to touch base with interested parties, to motivate people to the action we want, to lead and to follow, to trust the people who can be trusted, and to rely on the people who can be relied on. We can’t know too much about our fellow men. Above all, we must learn to love our fellow men and conduct ourselves so as to have their respect, their trust and their affection.

In my college days, understanding people and working with them effectively was almost entirely an extra-curricular matter. I do not think this should be so. Students learn about people incidentally in their curricular and extra-curricular activities, but I do not believe that our systematic knowledge of this subject is so limited or that the subject is so unimportant that it should be left out of the curriculum for a liberal education. Fortunately, all of you will be working with people and will have plenty of opportunity to learn about them. May I suggest there is no more important subject for observation and study, and none more rewarding. Some of you may think that this is a superfluous suggestion, but I assure you that I have had college graduates of high standing come to me and say, “I never thought of that!”

Communication

My third point has to do with communication — in written and spoken form. The universal need for communication (both in English and in foreign languages) is recognized in our curricula, and there is little that I can contribute to the discussion of the subject. I would only observe that there is a gap between recognition and accomplishment — that most students do not learn to write simple prose well, let alone to use language as an art form. I should also like to call attention to a neglected form of communication — mathematics. Usually we look on mathematics as a device for computation or logical solution of problems. We tend to overlook the fact that it provides a language for expressing and communicating ideas with respect to magnitudes and their relationships. Such ideas are important not only in the pure and applied sciences but also in everyday life for all of us.

Organization

Fourth, we come to organization. In every aspect of life we try to utilize scarce resources to achieve in the best possible way some given end. Here is a process universal in our experience — a process susceptible to analysis and generalization. It involves such basic ideas as classification, order and rational planning. In the life of an individual it means planning his activities, budgeting his time among them, and meeting deadlines. In group activities it involves defining jobs, assigning responsibilities, developing means for coordination and supervision. It would almost seem to be belaboring the obvious to say that organization should have an important place in education, but in general it is neglected.

Motivation and Effort

Fifth, there is the matter of motivation and effort — eager and persistent application to the job at hand. I have seen talented drones fail and second-rate intellects crash through to success by hard work. All the abilities in the world are not worth much unless they are used.

Memory

In this list of generally useful skills and abilities, memory is probably a poor sixth. Nevertheless, many a man by memory of events and faces and names has gone far beyond his competitors who, in analytical capacity, outrank him.

The acquisition of these skills and abilities is an important part of getting a basic education. When I advance this thesis, I usually meet various objections. The first is that people are born with these talents — that they either have or they don’t have them. I would concede that some people seem to be born with greater capacities for development than others. I would not concede, however, that a student, particularly the better student, cannot learn — or learn more about — perception, or invention, or how to deal effectively with people. Does not the man know more about these things than the newborn baby?

Then I hear the second objection: “You can’t teach these things.” Well, you can’t teach anybody anything; you can only help him to learn. As Dean Berry of the Harvard Medical School says so well, “Educate is not a transitive verb. You can’t educate anybody but yourself.” The question isn’t whether you can teach invention, getting along with people, and organization; the question is whether you can learn these things. If you can learn them, they have an important place in any formal scheme of basic education as well as in our continuing education through life.

Sometimes I suspect that the courses offered and prescribed in plans of education are too much determined by the fields of specialization that constitute the frontiers of knowledge for research. Invention and creative thinking, working effectively with people, and organization are not recognized as fields of learning. Neither the specialists nor the materials for learning in these fields are available. Consequently, these fields tend to become neglected.

Neither isolated facts nor pure abstractions are of any immediate use. Only when facts are fitted into patterns and relationships do they have any meaning or usefulness. Similarly, only when abstractions have embodiments in reality do they help in dealing with real problems. I do not object to the accumulation of new facts and the development of new mathematical theorems. These are needed to push out the boundaries of knowledge. Here I am talking about education. My observation has been that often in education we get too many facts and not enough relationships, patterns and, if you will, cause-and-effect explanations. On the other hand, mathematics often stands as an abstraction with little recognition that some parts of it contain the basic ideas that occur and recur in our everyday life. One of the marks of an educated man — perhaps the most distinguishing mark — is his ability to use what he knows in new situations. Once this is learned there is almost no limit to what he can do.

The problems, political, economic and philosophic, of our domestic and international relationships, the workings of government and industry, the development of science and technology and the demands of the related professions are becoming increasingly complex with each passing year.

We cannot meet the complex, kaleidoscopic demands of modern society by specialization alone. We need a broader base — a liberal education with a sense of values to guide us and with the basic
skills and abilities to enable us to deal with ever-changing problems.

Life may be full of surprises for you, as it has been for me. Many of you will have opportunities of which you have not dreamed. Most of you, twenty years after graduation, will be engaged in work different from your college major. Hence, the strategic importance of the transferable skills and abilities. If, in college, you have made a good start on a liberal education, you are fortunate. Nine tenths of your adult life lies ahead of you in which to continue it.

Over a hundred years ago, John Henry Cardinal Newman expressed with great elegance most of the ideas I have tried to present. I quote from "The Idea of A University":

"A liberal education is the education which gives a man a clear, conscious view of his own opinions and judgments, a truth in developing them, an eloquence in expressing them, and a force in urging them. It teaches him to see things as they are, to go right to the point, to disentangle a skein of thought, to detect what is sophistical, and to discard what is irrelevant. It prepares him to fill any post with credit, and to master any subject with facility. It shows him how to accommodate himself to others, how to throw himself into their state of mind, how to bring before them his own, how to influence them, how to come to an understanding with them, how to bear with them. He is at home in any society, he has common ground with every class; he knows when to speak and when to be silent; he is able to converse, he is able to listen; he can ask a question pertinently, and gain a lesson seasonably, when he has nothing to impart himself; he is ever ready, yet never in the way; he is a pleasant companion, and a comrade you can depend upon; he knows when to be serious and when to trifle, and he has a sure tact which enables him to trifle with gracefulness and to be serious with effect. He has the repose of a mind which lives in itself, while it lives in the world, and which has resources for its happiness at home when it cannot go abroad. He has a gift which serves him in public, and supports him in retirement, without which good fortune is but vulgar, and with which failure and disappointment have a charm. The art which tends to make a man all this is in the object which it pursues as useful as the art of wealth or the art of health, though it is less susceptible of method, and less tangible, less certain, less complete in its result."

I hope you will strive all your life for such an education. I hope that you will find challenging work to do, and that you will do it well. At the same time I hope you will not be swallowed up by your career and miss the beauty of man's creation and of God's Creation. I hope that you will be ready for the surprises life has in store for you, and that you will find in them good fortune. I hope that a few times in your life you will know the excitement of invention — of doing, or of thinking, something new. I hope you will find joy in your relations with your family and your friends. Most of all, I hope you will have a sense of values to guide you, so that you will always be reaching out to something better and yet be able to live at peace with yourself.

Better to have proper sense of values and capacity for joy in living than the ability to perform near-miracles.

WEDDING ANNOUNCEMENTS

Mitsue Nagao '56 and Rev. Frank Shindo, June 11, Minneapolis.

Nicholas Yonker '50 and Dortha Grunsfelder, May 28, New York City.

Una Hunt '59 and Roland Ratmeyer, December 19, 1959, New York City.

Ruth C. Knickel '39 and Orville P. Stratton, May 7, Mendham, N. J.

Frederick M. Brown '59 and Barbara Sanko '60N, June 13, 1959, Kenmore, N. Y.

Robert L. Vander Aarde '58 and Marjorie Hartog, June 18, Orange City, Ia.

Donald J. Vandertoll '55 and Jeanette Hansen '60N, July 2, Mt. Prospect, Ill.

Philip H. Hesselsink '57 and Kathleen Ebbers, June 24, Edmonton, Alberta, Canada.

Myron N. Denekas '59 and Marlene Joosberns, June 18, Hamilton.

Jane Klaasen and Edward Westerbeke, both '59, July 2, Holland.

(1960 graduates planning to marry during the summer are included in the list of 1960 Alumni and Plans.)

HONORARY DEGREES

At Hope's Ninety-fifth Commencement on June 6, honorary degrees were conferred on these five people pictured with Dr. Lubbers: left to right, Gerrit T. Vander Lugt, President of Central College and newly appointed Suydam Professor of Theology at New Brunswick Seminary, who received the doctor of literature degree; Theodore Otte Yntema '21, doctor of science; G. John Van Zoeren '12, doctor of science; Beth Marcus '42, executive secretary of the Board of Domestic Missions, RCA, doctor of laws; and Roger F. Murray, S. Sloan Colt Professor of Banking and Finance at the Graduate School of Business at Columbia University and acting treasurer of the RCA, doctor of laws.
Necrology

E. Samuel Aeltius, '11 widely known north-west Iowa physician, died in Sibley, Iowa, June 23, 1959, after a lingering illness of 5 years.

Born in South Dakota, he received his higher education at Northwestern Classical Academy (1907), Hope College and Rush Medical College of the University of Chicago.

He is survived by his wife Grace Engle, born 1911, a son James and a sister Johanna A. Aeltius of Sibley, Iowa.

Walter B. Ten Pas '10, former teacher and principal who engaged in farming for many years, died on December 9, 1959, at his home in Sheboygan Falls, Wis. He is survived by his wife and six children.

Roy D. Zwemer '50N, salesman for Northwestern Mutual Life Insurance Co., Hancock, Michigan, died of Bright's Disease on February 17.

He is survived by his wife, Nancy, two young daughters; his parents Mr. and Mrs. Don J. Zwemer '33, a brother, Charles '52N, and a sister, Judy, a Hope freshman.

Dr. Harold J. Damstra '24, Grand Rapids physician, died on February 26 in Butterworth Hospital following a heart attack.

A graduate of Northwestern Medical School he had practiced in Wayland and moved to Grand Rapids in 1938. He was a Medical Corps officer during World War II.

He is survived by his wife, Gertrude, one daughter, Mrs. Andrew Gainza of San Francisco, and two sons, Dr. Donald '55, interning in Decatur, Ill., and Kenneth of Grand Rapids; three brothers, the Rev. Russell '27, Richland, Dr. Eugene '28, Dayton, and Louis '52 of Holland.

Dr. George Merion De Young '26 died on January 27 of a heart attack at his home in Peoria, Ill. He had been a member of the medical staff at the Illinois state mental hospital in Peoria for several years.

After graduating from Rush Medical College in 1931, Dr. Young was in private practice for several years at George, Iowa. He served in the Army Medical Corps in World War II and was discharged with the rank of major. Following the war he was a member of the faculty of the Arizona University School of Medicine and later was associated with the U. S. Public Health Service.

He is survived by his wife, Frances; a son, James of Denver; two daughters, Marion and Nancy, at home.

Esther Stieters Van Oosten '55 of Cooksville, Canada, was killed in a car crash in a blizzard near Watertown, Ontario, on February 25.

Fannie Koeker Colenbrander, prep '09, was killed in the same accident. The Colenbranders were in Cooksville to aid in the dedication of a new church building for the Cooksville Reformed Church of which Rev. Jan Van Oosten '55 is pastor. Rev. Henry Colenbrander '13 is pastor of First Reformed Church of Orange City, Iowa.

Mrs. Colenbrander is survived by her husband, two brothers, John and Joseph Koeker, and two sisters, Du Mez and Mrs. G. Huizenga, all of Holland.

Mrs. Van Oosten is survived by her husband and two small children.

William De Haan '28, who had practiced law in Washtenaw County for 28 years, died on February 9, at the age of 53 years.

A native of Zeeland where he received his early education, Bill entered the University of Michigan Law School after graduating from Hope. He received his law degree in 1925. He also attended the Leland Stanford Law School for one year.

He was a member of the Ypsilanti, Washtenaw County, Michigan State and American Bar Associations.

He is survived by his wife, Mary, three sons, William H., Martin and Jon; and two grandchildren; four sisters, Mrs. Ralph Ten Have, Josephine De Haan, Dorothea, Mrs. George Nuyle; Nella De Haan Mulder '33, Chicago, Evelyn De Haan Wolterink '38, Zeeland; one brother, John '22 and a sister, Mrs. Mary Reus, preceded him in death.

On March 1 a memorial service was held by the Washtenaw County Bar Association in Judge Breakey's court room in Ann Arbor, and a memorial resolution was adopted at that meeting.

Gordon Van Eenennaam '24, Muskegon lawyer, former state senator and a leader in district and state Republican affairs for many years, died on June 2 in University Hospital, Ann Arbor, of lung cancer.

He was a native of Zeeland, a graduate of the University of Michigan law school in 1926 and had resided in Muskegon since 1927.

A state senator for four terms, 1929 through 1933, he was Republican floor leader of the Senate in his last term. He was a member of Muskegon, state and national bar associations and the American Judicature society.

He is survived by his wife, Isla Pruim '24; two sons, John P. '51, Muskegon, David O. '57, Ann Arbor; a daughter, Isla '59.

John Vennema of Kenilworth, Ill., brother of the late former president of Hope College, Ame Vennema, died in an Evanston nursing home on April 16. Mr. Vennema was a retired lawyer and consul for the Netherlands in Chicago from 1915 to 1940. Mr. Vennema had presented the college a gift of a pulpit Bible in the last Standard Revision translation, which is used in daily Chapel exercises.

Mrs. George E. Kolen, recipient of the Litt.D. degree from Hope College in 1949, died at her home of her son, John L. '29, and daughter-in-law on April 27, in Ann Arbor.

Mrs. Kolen had lived a long and civil and religious leader in Holland.

The Rev. Nelson Dunham '10, minister of Saginaw Presbyterian Church, died October 17, 1959.

Rev. George Hankamp '07, retired minister residing in Lynden, Washington, died April 21 of a heart condition. He had served pastorates in Michigan, Iowa and Washington and had taught at Central College for a while. He is survived by his wife, one son and two daughters.

Thomas Zandstra '31, nuclear physicist at Washington University, Providence Hospital, El Paso, Tex., of a cerebral hemorrhage, on June 14. He is survived by his wife, Maria, also a physicist; a daughter, Constance, age 6; a sister, Daisy Zandstra '31, Paterson, N. J., his father and mother, Rev. Sidney '03 and Mrs. Zandstra, Albuquerque, N. M.

Rev. Harry Hoffs '14, hospital chaplain for Evangelical Ministerial Association of Grand Rapids for the past ten years, died unexpectedly on May 17. A graduate of Western Seminary, he had held pastorates in Michigan, Iowa and Illinois. He is survived by his wife, Winifred; a son, Albertus, 3 brothers and 3 sisters.

Rev. Anthony Rozendal '97 of Yankton, S. D., died on April 12. A graduate of New Brunswick Seminary, he had served pastorates in Michigan, Wisconsin, Iowa, and South Dakota. He is survived by three sons and one daughter.

Dr. John Albert Tillema, professor emeritus of political science at George Washington University died August 20, 1959, after a long illness.

Dr. Tillema taught political science at the university for 38 years, and was named professor emeritus in 1952. An expert in municipal government, Dr. Tillema also had done a great deal of research on history of the Constitution and the Bill of Rights. He was particularly interested in the relations of church and state.

Dr. Tillema is survived by his wife, Ruth, a son, Herbert K. who will enter Hope College, fall 1960, and two sisters, Dr. Mildred J. Albers '40 of Saginaw, and Gordon D. Albers '42, Austin, Minn.; a daughter, Mrs. John Swope of Cedar Falls, Iowa.

ADVANCED DEGREES

The following Hope men received bachelor of divinity degrees from New Brunswick Theological Seminary on May 26: Benjamin Le Fevre '53, Raymond Vedder '54, John Kotun, Stanley Yin, Roger Leonard, George Van Emburg and John Drost, all of the class of 1957.


REPRESENTING HOPE COLLEGE

Wallace Friedberg '49 at the inauguration of Leroy Albert Martin as President of the University of Chattanooga, March 18.

John D. Colby '37 at the inauguration of Charles Bronislaw Hirsch as the Ninth President of Washington Missionary College, Washington, D. C., March 23.

Justine Dakin '62 and Peter Huizenga '60 at the International House Seminar program, Chicago, in March.

Louise Brusse Fenton '18 at the inauguration of James Earl Rudder as President of the Agricultural and Mechanical College of Texas, College Station, Tex., March 26.

Frederick Oert '26 at the inauguration of Paul Hampton Morrill as President of Park College, Parkville, Mo., June 4.
$50,000 RESEARCH GRANT
(Continued from Page 2)

University of Wisconsin at Madison as an instructor. He became an assistant professor in 1942, associate professor in 1955 and a professor in 1959.

His chief pieces of works have been total synthesis of yohimbine and total synthesis of colchicine. Yohimbine is an alkaloid or organic base — a compound containing nitrogen, carbon, hydrogen and oxygen. In the Congo and various other parts of the world it is found in nature as a component of the bark of certain trees. Morphine, cocaine and strychnine are more commonly known alkaloids.

Yohimbine is an aphrodisiac; that is, it stimulates the physical, sexual centers of the body. This factor has caused it to be used extensively for breeding purposes in veterinary medicine. It is widely used by African witch doctors as a "love potion."

Yohimbine was first isolated as a pure substance in the 1890's. Since then organic chemists have tackled the synthesis problem without success until the breakthrough by Prof. Van Tamelen and Collaborators Maurice Shamma, Albert Burgstahler, Joseph Wolinsky, Rudolph Tamin and Paul Aldrich.

Attempts at chemical synthesis are premised on exact knowledge of the chemical structure of a naturally occurring compound. By 1945 yohimbine was pretty well defined structurally. Van Tamelen pinpointed it further in the early 1950's, and the synthesis task began in earnest in 1954.

A series of 20 steps were required, each one contingent on the successful completion of a prior operation. Van Tamelen characterizes the four-year research effort as 'a prodigious amount of work.'

In 1957, Prof. Van Tamelen won the George J. Hight Traveling Research Fellowship funding travel by outstanding Wisconsin scientists to foreign laboratories for study and research. He worked in the laboratory of Sir Alexander Todd at Cambridge for five months.

During his brief career, Prof. Van Tamelen has worked on the organic chemistry of epoxides, amino acids, catharanthine, terpenes, antibiotics, alkaloids propolones, also reaction mechanisms and stereochemistry. He has about 20 graduate students and post doctorates working for him. He went to Europe in 1959 for a chemical meeting in Paris and two weeks of lecturing in England. He also gives several lectures in the state.

Mrs. Van Tamelen is the former Mary Houtman, daughter of Mr. and Mrs. Neal Houtman of Holland. She is state president of the Wisconsin Association of the American Council for Better Broadcasts, a board member of AAUW and a co-complier of a nation-wide opinion poll on broadcasts. She received a B.S. degree from the University of Wisconsin in 1952 and a master's degree in 1954. The Van Tamelens have two children, Jane, 6, and Carey, 4. Prof. Van Tamelen's mother, Mrs. Gerrit Van Tamelen, lives in Zeeland.

AL VAN DER BUSH HONORED

Al Vanderbush, who is retiring as Hope College athletic director, was presented a Hope varsity blanket at the annual Hope honors assembly in Dimnent Memorial Chapel.

Senior Warren Vander Hill made the presentation and thanked Vanderbush for the service and help he had given to him and to many other students and athletes at Hope.

Vander Hill said that prior to his coming to Hope, his father, the Rev. Laverne C. Vander Hill of Queens Village, N. Y., told him that if he needed help of counseling on anything while at Hope to see his friend, Al Vanderbush, a Hope classmate of Rev. Vander Hill in 1929.

Vanderbush has been athletic director since 1954. During that time he also coached tennis and cross-country. Vanderbush came to Hope in 1946 and was football coach through 1954.

He will continue to teach in the expanded Hope physical science department. Gord Brewer '48, has been named to succeed Vanderbush as athletic director.

The Looking Ahead with Hope campaign is continuing. At the close of the current program in Detroit, there will be a vacation period. In September it will be continued on the Eastern Seaboard and Chicago. Before it is completed, every alumnus will have an opportunity to participate.

BIRTH ANNOUNCEMENTS
(Continued from Page 10)

James and Barbara Jeffrey Neevel, both '56, Kathryn Elizabeth, April 1, Clarks-ville, N. Y.

John F. '52 and Mrs. Pelon, Molly Lue, April 19, New York City.

Larry and Ethel Smith Van Lare, both '57, Thomas Brooks, Ann Arbor.

Vernon '56 and Carol De Vries '57 Hoffman, Marla Jean, April 13, Pompano Beach, Fla.

Robert and Carol McCahan '58 Bradford, Geoffrey Eugene, April 22, New Haven, Conn.

Lyle '56 and Phyllis Lovins '60 Vander Werff, David Lyle, April 23, Flemington, N. J.

James D. '58 and Marilyn Hanson '59 Cook, Robert James, April 9, Rochester, N. Y.

Maurice E. '51 and Marjorie De Neut '52 Boon, Dennis Earl, January 27, Grand Haven.


Philip W. '57 and Carole Staal, Steven Jon, December 13, 1959, Zeeland.

Chal and Betty Van Lente '47 Cutti, Martha Elena, May 21, Port Huron, Mich.

Robert and Joan Van Wingeren '56 Retserma, Deborah Jane, June 6, Grand Rapids.

Karl E. '56 and Jean Albers '58N Vander Laan, James Craig, June 10, Grand Rapids.

Gregg '46 and Evelyn Reus '45 Keizer, Kevin Jon, March 28, Port Angeles, Wash.

Alvin and Pauline Loew Schutmaat, both 43N, Joseph Paul (6th son, 7th child), April 6, Barranquilla, Colombia.

Burt W. '51 and Mrs. Phillips, Barbara, December 9, 1959, Denver.

Robert and Virginia Hesse Van Dyke, both '51, Barbara Ruth, June 12, Hol-

land.

Albert '58 and Marilyn Luidens '57 Timmer, Suzanne Marie, June 13, Hol-

land.

William K. '51 and Connie Boersma '53 Hinga, Thomas William, June 23, Hol-

land.

James W. and Dorris Bechberger Meeuwesen, both '54, David James, March 29, Milwaukee.

Donald and Jean Brunstetter, both '49, Jeffrey David, adopted Dec. 16 at age 5 1/2 months, Pittsburgh.

Howard '52 and Margaret Alber '51 Van Dahm, Gregory Mark, March 28, Muskegon.

Jack '59 and Muriel Elzinga '55 Bol-

huis, Dan Kevin, March 20, 1959, and David Keith, May 17, 1960, Holland.
CLASS NOTES

1936

William E. Welmers will be affiliated with the Department of Near Eastern Languages, University of California at Los Angeles, starting with the school year in September. During the summer he is teaching in the Linguistic Institute at the University of Texas in Austin.

Rev. John R. Wynagarden, pastor of the First Presbyterian Church of Chicago Heights and Mrs. Wynagarden, (Wisconsin 1936) left by jet airliner, April 28th for a trip which will include Rome, Venice and Luxor in Egypt, Syria, Jordan, Lebanon, Israel, Athens and Corinth, Geneva, Paris, Brussels and London. The trip is a gift from the members of the congregation in recognition and appreciation for the service of Rev. and Mrs. Wynagarden since assuming the pastorate there in 1949.

1940

G. Donald Sager has been appointed Assistant Secretary of the Public Service Commission, State of New York. His appointment was effective May 5. He had been Senior Public Records Analyst in the Division of Archives and the State Education Department since 1932. He is a graduate of the Maxwell School of Public Administration, Syracuse University, as well as of Hope College. Don is serving as vice-president of the Albany Hope College Club.

1942

John Schut, M.D., Chairman-Medical Advisory Committee, National Ataxia Foundation, Inc., Minneapolis, has announced that the Foundation is planning a national fund drive for June, 1961.

1943

Alvin and Pauline Schutmaat, Presbyterian educational missionaries to South America, are being transferred from Barranquilla, Colombia, to Caracas, Venezuela. They have just seen the inauguration of a new school built on a 15 acre lot in a new suburban area in Barranquilla, a city of 500,000. The governor of the state gave the principal address at the dedication, which was the first for a governor to give a speech at a Protestant school function.

1945

It was reported at General Synod that the Rev. Harvey Hoekstra has moved to the Sudan, has just completed the translation of the New Testament into Anauk and will soon begin a similar work in Murle.

1948

Thomas Van Dijk, Assistant Professor of Economics and Business at Hope since 1955, has accepted a position as Assistant Professor in the Division of Business at the Western Illinois campus of Southern Illinois U. located in Alton, Ill.

1949

William Heilgers was installed as minister of Hope Church in Holland on June 16. He came to Holland from Brighton Reformed Church, Rochester, N. Y.

Rodger W. Decker was elected Vice-President of Flora MacDonald College, Red Springs, North Carolina in April.

1950

William Jellem, professor of Religion at Alma College, has received a Michigan Fellowship in College Administration for a year of study at the University of Michigan, effective September.

Ervin Knobloch has been promoted by General Electric to a position with a new department called the Audio Products Department in Decatur, Ill. He will be in charge of all Marketing Research for this department and assist with the Marketing Administration.

George Gerrittson, with a Ph.D. degree in June from Michigan State U., has been appointed Senior Chemist in the Research Division of Mead Johnson & Company, Evansville, Ind.

Bernd Breid, assistant professor of physical education, has joined the Wisconsin State University, Madison, and will be in the health and physical education department there.

1951

Burt W. Phillips, M.D., became Instructor in Psychiatry, University of Colorado School of Medicine, June 15 after leave of absence for two years to Fitzsimmons General Hospital, Denver.

George P. Murray graduated from Navy Chaplains school at Newport on March 25. He stationed at Camp Lejune, North Carolina.

Paul E. Holkeboer has been promoted to associate professor of chemistry at Western Michigan University where he has taught since 1955.

1952

Joan Freeburg Ricker and husband, Daniel, are moving their family to Australia.

Hendrik Persen is being transferred to the European Division of Signode Steel Strapping Co. in Germany.

John F. Pelon has accepted a position with the Maskegon Area Child Guidance Clinic and will work as a Psychiatric Social Worker in Holland and Grand Haven branches of the Clinic.

1953

David P. Hanson has taken a position as a school psychologist in the Westfield, New Jersey, Public Schools.

Gaston W. Smidt has accepted a position in speech at Hope since 1956, is leaving for employment by the Armed Forces as Entertainment Director with the Army Special Services Department in Munich, Germany. His responsibilities will include arranging for and directing a program of "live" theatrical activities for the servicemen stationed in Munich.

Dr. Stanley B. Vander Aarde and wife Darlene have moved to India, assigned to the Committee for the Leper Department of the General Synod.

1955

Marilyn Fischer Johnson is living in Escondido, Calif., where her husband, Henry, is stationed.

He was formerly an Assistant U. S. Attorney in Los Angeles.

Norman Lager is now an Internal Revenue Office stationed in Muskegon. He formerly taught for two years.

1957

Rev. Owen T. Bechtel and wife, Harriet 60, assigned to Overijse, Belgium, in Flanders, for language study, participated in the Dedication Service for outgoing missionaries at the 1960 General Synod.

1958

Wm. Vander Lind will start work in Research in Reactor Physics, Atomic International, Conoga Park, Calif., September 19.

1959

Kenneth E. Scudder has accepted a position in Yonkers, N.Y. as assistant executive director of the Yonkers Tuberculosis, Heart and Health Association.

Peter Jonas has joined an assistantship at the U. of Wisconsin in bacteriology for two years. His wife, Marcia Baldwin 60 will teach in Madison.

Vivian L. Anderson, R. N., assigned to India, participated in the Dedication Service for outgoing missionaries at the 1960 General Synod.

1953, M.D., cousins, meet in Akobo, Sudan.

George Hoekstra '53, M.D., writing from U.S. Army Hospital Asmara, to Dr. M. Eugene Osterhaven '37 . .

Perhaps you will remember that Harvey Hoekstra of Akobo, Sudan is my cousin. It was a recent reunion of his family and mine at Akobo that forms the reason for this correspondence.

First of all, the background for our visit arose from the fact that in August 1959, I was stationed in Asmara, Eritrea here in a 30-bed hospital caring for an army post which boasts some 2,200 American servicemen and families. My wife (Dotty Moerdyk previously) and our two boys (ages 3 and 1½) are here with us. We are indeed happy and consider ourselves fortunate to live in Africa for a time. Our recent visit to the Sudan is just one of a series of trips that we would like to accomplish during our tour. Also, we have met and entertained numerous missionaries from about Eritrea. I am also able to render occasional medical care to them.

Since we are located less than 1,000 miles from Harvery, we wanted from the start of our tour here to visit him. On January 12th, that plan was realized when George, who received his last leave of absence for two years to Fitzsimmons General Hospital, Denver.

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DATES
TO REMEMBER

Friday, August 12 — HOPE COLLEGE VILLAGE SQUARE — campus, Mrs. Herman Laug, Chairman

Friday, Saturday, Sunday, October 14, 15, 16 — HOMECOMING

THE SECOND COMPLETE HOPE COLLEGE ALUMNI DIRECTORY WILL BE PUBLISHED IN DECEMBER 1960

It will include a listing of approximately 13,940 names in three listings:

1. Alphabetical listing
2. Class listing—including the 1959-60 student body
3. Geographical listing
   plus a section of
CHRONOLOGICAL MEMORANDA OF THE ACADEMIC PERSONNEL AND PHYSICAL PROPERTY OF HOPE COLLEGE FROM ITS BEGINNINGS IN 1847 through 1959

Each Hope alumnus and former student has received a PERSONAL DATA QUESTIONNAIRE. Most have responded. If you haven't done so, please do so TODAY. August 15 is the deadline. Please include the address you expect to have on December 1.

Prepublication price—$2.00 ORDER IMMEDIATELY