

Houghton MILLEU

COLLEGE BULLETIN • MARCH 1981



INSIDE: Transforming the Educational Process? • Commentaries • Alumni in Action • Sports • Campus News

Transforming the Educational Process?

Computers can help teachers do a better job of teaching, simultaneously individualizing instruction and maintaining teacher control.

by Edgar Norton



TO ANYONE OBSERVING my life-style over the past few years the obvious question is, "Ted, you're a music professor. Why do you spend so much time at the computer center?"

Perhaps it all started 10 years ago after Houghton had acquired its first computer. Dr. Fred Trexler and Doug Comer offered a few evening seminars on computer programming in the APL language. I attended the classes and became intrigued because I sensed an answer to a frustration dating back to 1956 and my first days at Houghton as a fledgling instructor. Then as now, observing student teachers was among my duties. I clearly recall conversations with supervising public school teachers. We'd discuss a problem that teachers or one of my student teachers was having.

I'd recommend some change that I'd learned was working for another teacher, only to get the response, "I've tried that and it doesn't work."

This forced me into deeper thought as to the nature of the important variables that make the difference between successful and unsuccessful teaching—philosophical questions. What really makes the difference in good education? Why do some educational innovations have brief lives as fads while others become incorporated into the fabric of good educational procedures? How should we teach?

One of my conclusions was that too much teaching is geared to neatly organizing subject matter, rather than to discovering where the learner is in relation to that subject matter. Too often teachers

keep students in lockstep rather than adapting to their needs. But why? Teachers certainly want to do a good job. There are pragmatically sound reasons, but philosophically they are weak. To move each student along an individualized path puts an impossible logistic load on the teacher. Or does it? Enter the computer.

After several years of experimenting with Houghton's limited IBM 1130 computer in the early '70s, I met Dr. James VonFeldt, a Christian brother with all his educational degrees in music education, but who today heads computer assisted instruction at the National Technical Institute for the Deaf in Rochester, NY. Jim encouraged me to use the computer as a teaching machine and got me to join the Association for the De-

*Milieu
Houghton College
Houghton, N.Y.
10744*

Reaction time . . .

Dear Editor,

As the parent of both a former and a current student, both of whom lived in Shenawana, I feel I must voice my feelings about the recent article on life in Houghton's residence halls. The description of residence life and the role of the R.A. and

R.D. in no way approximates what is actually happening. Furthermore as a parent, I resent the fact that my hard earned money is going to pay people who are doing nothing to earn it.

When I asked why something couldn't be done about the blaring stereos and other infringements on the rights of others, I was told the R.A. doesn't want to be a policeman, I don't expect them to be policemen but they should be doing something. I don't expect them to be participants in activities which cause problems either but this has also happened.

Maybe what is needed is a little more concerned action and a little less high-sounding rhetoric for public consumption.

Sincerely,
Lix Myers

See MILIEU, January 1981, *Structuring Residence Hall Life to Help Students Grow*, by Beaver Perkins, Director of Residence Life. Following is

Mrs. Perkins' response: To build a residence hall community in which the needs of all members are met — a group of 150 to 330 students with diverse personalities and often opposing life-styles and interests — is an extraordinarily complex and difficult task. When we shifted the primary emphasis of staff responsibility from regulation and control of students to encouraging growth and development of students, we increased the sphere within which residence staff must exercise personal judgment in handling difficult situations. Sometimes in our efforts to reason with, and work with a student rather than exercise immediate disciplinary action, we have perhaps been too tolerant, and too

velopment of Computer-based Instructional Systems (ADCIS), and the National Consortium for Computer-Based Musical Instruction (NCCBMI).

My earliest Computer Assisted Instruction (CAI) lessons were designed to teach and drill the concepts of musical transposition from one instrument to another. When Houghton purchased a DEC PDP 11/70 time-sharing, interactive computer three years ago, I spurred forward with a number of different CAI programs on various music theory topics. (A time-sharing interactive computer handles many terminals "simultaneously". Each person's work is done in a fraction of a second, freeing the machine to do the next person's work while the first is thinking through his next move or typing in the next command. So it appears to each user that the computer is working solely for him. Houghton has about 30 terminals on-line).

To date I've written 40 or more major programs including an Authoring Language which I call LEARN (A Language for Easy Authoring which Reduces Niggling). It seems that all programmers like to create acronyms to represent their language! LEARN is a system which makes it very easy for any faculty member or student to write CAI lessons without having to learn a standard computational computer language such as BASIC (Beginners Allpurpose Symbolic Instruction Code), FORTRAN (Formula Translation) or APL, (A Programming Language).

As an example, we have one program in building musical scales. The computer requests the building of a specific scale. The student responds by typing in the proper letter names with the sharps or

Ready

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( RUNNH
  What is your name (First & Last)?           then depress RETURN key.
  ? TED EDGAR RICHARD NORTON
  Please use a shorter version of your name.
  What is your name (First & Last)?           then depress RETURN key.
  ? TED
  Enter both your First & Last names separated by a space.
  What is your name (First & Last)?           then depress RETURN key.
  ? TED NORTON
  Your name is not on the list of previous users.
  Did you mistype it or use a different form of your name?
  Type in a number:
  1 I'll type it in again.
  2 Please accept my name the way it's typed.
  ? 1
  What is your name (First & Last)?           then depress RETURN key.
  ? EDGAR NORTON
  Your name is not on the list of previous users.
  Did you mistype it or use a different form of your name?
  Type in a number:
  1 I'll type it in again.
  2 Please accept my name the way it's typed.
  ? 2
  Welcome Aboard, EDGAR !!!!
  Ready
  ) BYEF

```

Sample above outlines opening dialog between would-be computer user and the machine, and illustrates the procedural assistance and options it can offer. Once "aboard" the student receives step by step instruction, and encouragement or congratulations at appropriate junctures.

flats. Then the computer responds by analyzing the student's work, telling which notes were incorrect or congratulating him for perfection. The computer also tells how many seconds the student took to respond. On the basis of the student's results, the computer requires more or fewer practice scales until a certain level of competence is achieved. At any time the student can type in "Help" and receive hints or instructions as to how to do the task.

Presently several faculty members are using my LEARN system for such diverse subjects as development studies, audio-visual instruction, education, languages and science. In music we are regularly using CAI drill and practice in the theory skills of note reading on treble, alto, tenor and bass clefs, key signature recog-

nition, scale building, interval recognition, chord recognition, figured bass notation of chords and the checking of part writing. Selected topics are taught by the computer for my woodwinds and music methods courses.

But what's the whole idea of using computers in education? Actually the computer is so versatile that its uses require categories. A computer can be used as: 1. an *object* of instruction—computer science courses; 2. a *medium* for instruction—CAI, 3. a *manager* of instruction—the common administrative uses, but also used by the instructor and called Computer Managed Instruction (CMI).

My general interest is in improving instruction by wise use of technology

(Continued on page 4)

optimistic about a student's willingness to change, thereby creating hardship for others. Apparently this was the case with your son.

Whether or not a particular situation could have been handled more effectively, I am convinced that the direction we have moved in the administration of the residence halls is a healthy and developmentally sound one. And I was disappointed and saddened that from the fairly limited perspective you must have, not being routinely on campus, you made such damaging generalizations about the role of the residence staff. Having worked with them for three years, I have gained a tremendous appreciation for the time, commitment, energy, and prayer they put into this ministry of helping other students grow into Christian maturity.

Were you to talk with a wide variety of students about their overall residence hall experience, your image of life in the dormitories would be more complete and, I think, more positive.

Dear Editor:

*I was glad to see the article, **Making Houghton Accessible to the Handicapped**. Having developed a problem with Multiple Sclerosis, I have become much more conscious of the needs of people with physical limitations.*

Wherever I go (I'm still ambulatory, thank the Lord), I look for ramps to walk on or railings to hold on to ...

*Sincerely in Christ,
Rev. Anthony Lombardi '50*

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Houghton College admits students of any race, color and national or ethnic origin. The college does not discriminate on these bases, or on the basis of sex in any college administered program.

with my sub-interest being CBL (Computer Based Learning) the most common name for the whole category that includes CAI and CMI. Since CMI is still well down the road for Houghton,



Professor Norton displays a copy of the program driver code for his LEARN Authoring Language. The driver program is the one that controls the display and handling of the educational content files so that all works as intended. Faculty members or students build the educational content files of what they want to teach. In addition there is a service program that allows the faculty member to get information on student results. Norton spent more than one year of spare time working on the LEARN system and makes further modifications constantly. The system may have commercial value to other schools and two people have expressed interest in it.

today my main interest is CAI. CAI can be used for three instructional purposes: 1. to teach, 2. to quiz, or 3. to give drill and practice in developing skill and procedures. CAI's main advantages over other media or forms of information presentation are that it can keep records on student performance with minimal teacher effort, that it can interact in an individualized manner with the learner by giving immediate feedback about the accuracy of the learner's responses, offering hints to get him on the right track and modifying the sequence of instruction based on the student's responses.

Far from depersonalizing instruction, a well developed CAI lesson makes the instruction truly personal even though there is a machine between the instructor and the learner some of the time. An analogy might be the telephone. Isn't it dehumanizing to have a machine (telephone) between you and a relative with whom you are conversing thousands of miles away? I doubt that you will answer, "Yes". CAI allows the instructor to give personalized responses to the mistakes the student makes, and that, instantaneously while the "iron is hot". CAI can also enable the instructor to personally direct the student's path through a sequence of materials by building into the CAI lesson, branching to additional helps or skipping unneeded material. Not only that, but since CAI can keep records of the students' results, and actually present some of the material for the teacher, the teacher can be freed to devote more time to human interaction with individual students. Most teachers would welcome more time to spend encouraging individuals, i.e., working with the extremely advanced or with those having unusual difficulties, or just simply getting to know their students more personally, so making communications with them more effective.

Back to the original question. Why do I spend so much time at the computer center? I am convinced philosophically that computers can help teachers do a better job of teaching by enabling us to individualize instruction and still keep control of what each student is doing. The challenge is to make CAI fulfil its promise. The traditional computer phrase,

"garbage in, garbage out" is true. Poor programs produce poor instruction, but "quality in, quality out" is also true. CAI has proven cost effective in that a quality CAI lesson can insure mastery of many types of information or skills faster, more thoroughly and cheaper than any other form of presentation.

I believe that CBL will transform the whole educational process. The only questions in my mind are: how soon will this take place and how may we avoid serious mistakes in the process?

My next goal is to get sound capabilities for use in music instruction and later have regular videotape under CAI control. Systems already developed will present musical sound to the learner and drill him in ear training skills. Attaining this goal would be well worth the expense of equipment and programs — \$6,000—since the groundwork is done. Already a proposal to fund such purchases has been rejected by one individual, but the college has requested funding for the needed items as part of a pending Title III proposal. Outcome of that request will be learned this summer.

(Editor's note: As MILIEU goes to press, Professor Norton has just returned from the ADCIS Conference held this year in Atlanta. While there he signed up at an exhibitors' booth for a drawing. The morning after he returned home the Norton phone rang. A representative of Commodore Business Machines Inc., was on the line to tell Ted he'd won a PET desk-top, micro-computer. Asks an elated Ted, "Is this the Lord's blessing on my computer activities?" Since his personal computer is compatible with equipment recently purchased in two area public schools, he's eager to adapt his LEARN system for teaching on their computers.)



*with a little help
from the computer ...*

Commentaries for Bible Translators in Reduced Time



WHEN RON TRAIL graduated from Houghton as a Bible major in 1959, he little expected that 21 years later he would be back on campus, working, of all places, in the science center, doing, of all things, computerized research and camera-ready preparation for a Bible commentary that will, when completed, speed the work of Wycliffe translators world-wide.

From Houghton Ron attended Fuller Seminary, earning a B.D. "Even when I was in seminary," he recalls, "I had no particular interest in full time Christian work." But one summer he attended the Summer Institute of Linguistics in Grand Forks, ND. "I was interested in languages, and this tied in with my Bible major and the Lord's call." He and his wife Gail (Mitchell), joined Wycliffe in 1961. After jungle camp in Mexico, the Trails were assigned to the Philippines, an interim stop along the way to India. Eventually entering India as a student, Ron studied at the University of Puna for four-and-a-half years, earning a Ph.D. During that time the couple created a grammar for the Lamani language, working with nearby villagers and translated the Gospel of Mark.

Refused re-entry to India after furlough in 1970, they were assigned to Kathmandu, Nepal, helping to administer Wycliffe's 80-member staff, do linguistic consultation and research. After five years and another furlough they returned to Nepal, teaching at Tribuvan University until SIL's government contract ran out in 1976.

Wycliffe asked them to go to Korea to train Asian missionary candidates in linguistic theory and translation. Says Ron: "We had felt God wanted us to go to Afghanistan when we went to Nepal, and accepted the Korean assignment only because Wycliffe wanted a Ph.D. there to teach." In 1978 they left Korea for Kabul to teach English as private citizens at the American Center. "We were to feel things out, to see if we could write a contract for SIL with the government. So for 18 months before they returned to the states last March, they lived under curfews and occasional alerts, but were able to leave without incident.

Why did they choose to live in Houghton? Sons Dan and Steve are students here. (Trails have five sons born in various countries). Too, Ron and Gail's family homes are in nearby Olean. Again, Ron had received permission from Wycliffe to resume work on a commentary on John begun during his 1975 furlough, had researched the feasibility of using a computer, and knew that Houghton had a DEC PDP 11/70. He reasoned that if God wanted the project completed computer time would be available. The family arrived here last July, Ron negotiated use of the computer with Data Processing

Director Bill Roeske, received basic instruction and got necessary "run and edit" software.

In September he began the two-year job of completing the commentary, condensing the work of some 20 authors into a compact 400-plus page book. Why? "Wycliffe translators don't carry cases of commentaries everywhere they go. Expense, weight and termites preclude that luxury," he explained. "Neither does Wycliffe allow translators to translate by the seat of their pants. Bible commentaries are one of the most important tools of the trade."

That's why Wycliffe's typewriter-set, eight-and-a-half by 11 inch series, *Exegetical Helps*, has been created for most books of the New Testament. An experienced linguist sits down with various commentaries, culls out the usual two or three alternate interpretations of a phrase, lists each and the commentaries supporting that position on three by five cards. Then the translator or a secretary laboriously creates text.

By contrast, Ron keyboards his findings directly into a Zenith-Heathkit terminal he bought last fall (for which a cost-covering check miraculously arrived the same day as the terminal). The computer then creates text, accepts Ron's revisions, additions and corrections. Eventually it will generate camera-ready copy on one of the college's computer-driven Diablo 1650 carbon ribbon typewriters.



ALUMNI in ACTION

1930s

ex'38 KIRK HAMPTON retired in January from the Acme Electric Corporation but will continue as chairman of the board of the Cuba, NY based firm. He began his career with Acme in 1943 following his graduation from Alfred Agriculture and Technical Institute. In the ensuing 37 years, he held various posts and in 1972, he was named president. He was elevated to his present post in 1974.

'38 CYRUS SPRAGUE retired as pastor of the Bradford (PA) Baptist Church, is now a part-time area minister for the Western New York District. His wife **FRANCES (WIGHTMAN) '42** still teaches junior high music in Bradford. They recently purchased a home in Olean, NY.

1940s

ex'45 LAWRENCE OLSON has been elected to his second four-year term on the General Board of Administration of the Wesleyan Church, Marion, IN. His wife **AUDREY (CROWELL) '42** taught mathematics for 20 years, retiring in June, 1980 from Forestville (NY) Central School.

Church organist at the Mocksville (NC) First Baptist Church, **DORIS (POTTER) '46** **CARMAN** has served on the state board of directors, North Carolina Symphony Women's Association for the past five years, and is currently the state membership chairman.

Completing 33 years of teaching at Hershey (PA) Elementary School, **ANNA (HERR) '46** **HOOVER** plans to retire this spring. Last summer she and husband Kenneth, a biology professor at Messiah College, did voluntary service at the Brethren in Christ Mission in New Mexico working with the Navajo Indians.

An instructional assistant in the Leo High School Science Department, Fort Wayne, IN, **VIRGINIA (LATSHAW) ex'46** **HUNT** has had 29 of her poems published in the last three years in anthologies, literary journals and magazines.

After 29 years as missionaries in Bolivia, Chile, and Uruguay with Gospel Mission of South America, **MYRA (JAMES) '46** **SHEDD** and her husband Hudson are serving at the mission's headquarters in Ft. Lauderdale, FL.

'46 CONSTANCE (HAZELWOOD) TAYLOR of Rochester, NY, writes she's held the same job for 24 years - that of secretary/bookkeeper for her physician husband Holland. She's also been active in the Women's Medical Society Auxiliary, holding various offices on both the state and county level.

'46 JESSIE TAYLOR is teaching music theory and piano at Penn View Bible Institute, Penns Creek, PA. She holds a master's degree from Eastman School of Music and has been listed in numerous "Who's Who" publications.

Retired from Continental Air Lines, **HELEN (SUNDERLAND) ex'46** **WALKER** holds her LVN license from Los Angeles Trade Tech College and works as a unit clerk on Alcoholism Recovery Service at South Bay Hospital.

ex'48 CHARLES FOSTER has been appointed

pastor of the First Baptist Church of Rushford, NY. A pastor for over 32 years, he also served as director of alumni affairs and evening school faculty at his alma mater, Philadelphia College of the Bible. Using chalk artistry to illustrate hymns and Biblical truths, he has spoken at youth camps and rallies, and Bible conferences.

A medical technologist, **DOROTHY (BAGGIE) '48** **WHITING** has been Education Coordinator and clinical chemistry instructor for the Medical Laboratory Technicians Training Program at Saint Barnabas Medical Center, Livingston, NJ, for the last 10 years.

1950s

'51 LAWRENCE CASTEL of Silverton, OR, writes he retired from teaching in June, 1979, but hasn't really stopped. "I have band students in three small elementary schools, the choir at an EUB church, and I play in our Silverton Pops Orchestra and Brass Ensemble."

Executive vice president of the Citizens Crime Commission of Philadelphia (PA), **IAN LENNOX '51** has been appointed to serve on the Pennsylvania Commission on Crime and Delinquency. The non salaried commission is responsible for awarding funds to private, state and local government agencies to improve criminal and juvenile justice services.

'51 RALPH NAST is pastor of the First Baptist Church of Champaign, IL, involved in a one million dollar relocation project. The new facility is scheduled to open in the fall. This June Judson College will honor Ralph with an honorary doctor of divinity degree.

Starting his seventh year as senior pastor of Somerville (MA) Community Baptist Church,

FREDERICK NAGLE '57 is in his 14th year as Chairman of the Middle School English Department at Tlayor Academy, Braintree.

1960s

'60 RONALD ENROTH, sociology professor at Westmont College, Santa Barbara, CA is author of numerous books and articles on the cults. He writes that he is under increasing personal attack because of his work and that several of his publishers have been sued or threatened with suits by cultists. Yielding to such pressure some publishers have withdrawn Ron's work, modified it to suit plaintiffs or published disclaimers.

ex'60 CHI-HANG LEE is the food biochemistry manager in the Applied Research Department of the Del Monte Corporation Research Center at Walnut Creek, CA, where his wife Mee-Han works.

'60 RONALD WAITE has been promoted to controller of Sandoz, Inc. Pharmaceutical Division, East Hanover, NJ. He had previously been manager of planning and marketing research at Dorsey Laboratories, Lincoln, NE.

'61 NANCY (CONNOR) GOOD resides in the Pittsburgh (PA) area with her husband David and six sons, and teaches music at Wilson Christian Academy.

'66 WILLIAM & MARILYN (BURROUGHS) '65 **FRANCIS** are officers in the Salvation Army stationed at divisional headquarters in Boston, MA. He oversees the youth work throughout the state and directs the summer resident camping program for 1400 inner city children. She directs the Army's Bible study program for teenagers in the state division.

Navy Lt. Cmdr, **WILLIS GAY '67** graduated

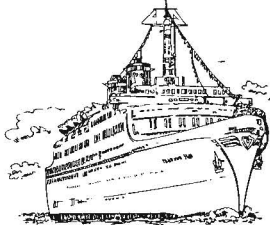
Future Alumni

Jim & Sandy (Hamilton) '67 Arthur '68
Gary & Sherry (Burton) '74 Baker '74
Tom & Kim (Stilling) '74 Baldwin
Clifton & Jacquelyn (Gilbert) '72 Bale '72
Chris & Becky (Ruder) '76 De Blaise '75
Bill & Jill (Wallace) ex'71 Davis '69
Douglas & Diana (Belcher) '72 Glasier
Guy & Cindy (Turvey) '79 Hays '79
Steve & Marsha (Billingsley) ex'75 Harris (NA)
Bill & Gaye Hill '74

Rich & Sharon (Lubansky) '75 Jacobsen
Dan & Mim (Lawrence) '68 Jerome '68
Rich & Cindy Koch '66
Bill & Sharon (McLeod) ex'76 Laurent '75
Bernard & Janice (Spensier) '72 McElheny
Collin & Becky (Tatter) '72 Myers '69
Tim & Joellen (Peterson) '74 Placeway
Dan & Barb (Colburn) ex'78 Ries ex'77
Steve & Donna (Wenger) '78 Sinclair '76
Sandy & Mary (Prentice) '72 Sines
Alfred & Judith (Tanner) '72 Stolz

Roger & Karen (Peterson) '76 Van Otterloo
Jon & Nancy Woodcock '73

Kimberly Faith 5-7-79
Steven James 11-22-78
Amanda Joanne 12-5-80
Ryan Eric 6-2-80
Jonathan David 6-12-80
William Benjamin John 2-2-81
Devon Gwen 8-26-80
Nathan Andrew 11-24-80
Dana Lynne 2-13-81
Cherilyn Kathleen 1-21-78
Pamela Joyce 10-22-80
Lara Lynn 10-23-80
Nathan Norman 3-24-79
Shawn Vincent 1-13-81
Steven Charles 10-5-80
Laura Beth 11-11-80
Andrew David Alonzo 3-30-80
Jared 7-27-80
Jonathan Daniel 1-6-80
Stephen Jay 1-25-81
Lena Martha 10-22-80
Anna Joy 1-25-81
Joshua Delos 6-20-78
John Samuel 11-21-80
Rachel Ann 1-80



ALUMNI CARIBBEAN TOUR

Join us in a Christian Caribbean Cruise on the Cunard *Princess* departing San Juan, October 31, 1981. Itinerary includes San Juan, Tortola, Martinique, Antigua, St. Maarten and St. Thomas, returning to San Juan Nov. 7. For details of cost and program, return this coupon to Dr. Bill Tromble, Alumni Affairs, Houghton College, Houghton, NY 14744.

NAME _____

ADDRESS _____

from the Armed Forces Staff College, Norfolk, VA. During the 21-week course, he studied joint service organization; data systems; communicative skills; plus national and international strategy.

After teaching three years in Los Angeles elementary schools, **SHEILA HARRIS '67** is in her second year in the theology masters program at Fuller Seminary, Pasadena, CA.

'**68 DAN & MIM (LAWRENCE '68) JEROME** and their four sons expect to return to the States for their first year-long furlough after six and one-half years in Japan. Dan plans to pursue an M.A. in teaching at the School for International Training in Brattleboro, VT. After two and one-half years at Okinawa Christian School, the family moved to Kofu, a city west of Tokyo, where Dan was director of the Kofu Student Christian Center and taught at Yamanashi University.

'**69 COLLIN MEYERS** received his Ph.D in special education last August. His wife **BECKY (TATTER '72)** is on leave of absence from teaching French to 1-6 graders at Chapel Hill Christian School, Cuyahoga Falls, OH. She's currently continuing to teach childbirth education classes with CEA of Akron.

Her doctor of education degree completed in

1980 at Pennsylvania State University, **CAROLE REIFSTECK '65** teaches at Shippensburg (PA) State College.

'**69 BEVERLY (SAY) STANTON** has been named Assistant Office Manager at the Key Bank of Western New York Bolivar (NY) Office. She joined the Wellsville staff in 1973, then transferred to the Bolivar branch in 1974. She also serves as secretary-treasurer for the Chestnut Twig of the Jones Memorial Hospital Auxiliary.

1970s

After serving as Chaplain at the Presbyterian Children's Village in Rosemont, PA, **DAVID COBB '71** is pastoring a church in Absecon, NJ.

'**71 MARILYN (GAUGER) GREGORY** of Rochester, NY, writes that her article on her daughter's unexpected and unorthodox birth in the family VW bus during western New York's worst winter blizzard appeared in the March issue of *Lady's Circle* magazine.

'**71 DAVE WYRTZEN** completed the doctoral program at Dallas Theological Seminary in August 1980. He continues to reside in Midlothian, TX, with his wife Mary and two sons, where he's pastored the Midlothian Bible Church for the past eight years.

'**74 GARY BAKER** is product manager in the electronics division of The Harvey Group, Inc., Rochester, NY.

'**75 CHRIS DE BLAIEY** received his M.Div. degree from Asbury Theological Seminary in 1979. Since then he's been pastoring the Appleton (WI) Wesleyan Church.

With his wife Patricia, **TIM DYKSTRA '75** has been called to co-pastor the First Congregational Society of Crown Point (NY) United Church of Christ beginning February 1.

'**75 JEFF PRINSELL** completed the general practice residency program at the Naval Regional Medical Center, Camp Pendleton, CA, and has been appointed Head of the Dental Department for his present command, deployed from Port Heuneme, CA. He also supervises the command's drug and alcohol programs, while teaching biology night courses sponsored through the Los Angeles Community College.

'**76 STEVE SINCLAIR** is employed by Vogel & Feingold Furniture Company, Telford, PA. His wife **DONNA (WENGER '78)** works for Upper Bucks Radiology Associates in Sellersville.

Wycliffe Bible Translators to Zaire, Roger & **KAREN (PETERSON '76) VAN OTTERLOO** are engaged in language learning in Burundi until May when they plan to return stateside for a six-month furlough. They anticipate a translation project in the Fuliru language in early 1982.

ex'78 GORDON ANDERSON JR. and his wife Jane are the producers and directors of **TELEMISSIONS** "Focus on Faith" radio-TV tapes sent daily to stations across the U.S. and Canada airing the weekly series as a public service broadcast.

'**79 DAVID BICKSLER** is Coordinator of Marion (IN) College's Computer Center and its new digital PDP 11/34 computer system. He's

also working on a master's in computer science at Ball State University.

ex'79 CAROL (SNODGRASS) BLESSING is a methods and procedures analyst for Transamerica Insurance Group, Los Angeles, CA. She completed her B.A. degree cum laude at Messiah College in 1979.

'**79 FRAN (HUTTON) CARL** and husband Richard have been accepted for missionary service to Colombia by Wycliffe Bible Translators. Currently, they reside in Norman, OK, attending field training camp and raising their support.

Since completing a B.A. in history at Barnard College of Columbia University, **KAREN SCHAEFFER ex'79** has been studying at Syracuse University College of Law.

'**79 TIM SINCLAIR** is an engineering associate at Western Electric's Engineering Research Center, Princeton, NJ.

Since September 1979, **JANICE SMITH '79** has been employed by EG&G/Mason Research Institute, Worcester, MA as a laboratory animal technician.

In June 1980, **GIL MAC WHIRTER '79** completed a B.Ed at Brock University in St. Catharines, ON as well as his Ontario Teachers Certificate. Since then he's been principal and teacher at Rose Prairie (BC) Christian Academy.

'**79 JON YOUNG** fulfilled his student teaching requirements at the American Co-operative School in Monrovia, Liberia working with 22 different nationalities in grades 7, 10 and 11. Since February, 1980, he's been teaching high school social studies and Bible at the Doris Todd Memorial Christian High School in Paia, Maui, in the Hawaiian islands. He's also yearbook advisor, guidance counselor, and athletic director and serves in the Haiku Community Baptist Church as a missionary under the Hawaiian Islands Mission.

1980s

'**80 KAREN ECKSTROM** is Director of Christian Education at First Baptist Church in Gillette, WY. She works with the youth programs, coordinates children's church, acts as church secretary and is developing a puppet ministry.

With a research assistantship, **LYNN HAMILL '80** has begun a master's program in gerontological studies at Miami University, Oxford, OH. She is also working on the American Gerontology in Higher Education national convention held in Cincinnati in March 1981.

'**80 WILLIAM MILLS** is a freshman medical student at The Hahnemann Medical College & Hospital, Philadelphia, PA, the same school his father graduated from in 1954.

'**80 DUDLEY SNYDER** is enrolled in Wayne State University's chemistry graduate program in Detroit, MI.

ex'81 ARTHUR GIBBENS is a senior physical education major, biology minor at Bethel College (MN). He's playing football, is layout editor for the student paper and working at the local Perkins Cake and Steak. He plans a career in prosthetics and hopes to spend the summer in Sierra Leone

Living Memorials

BRUCE MERRITT JR. by Mr. and Mrs. David White; David Brautigam; Mr. and Mrs. Douglas Gent; Timothy Harner; Dr. Matthew Downs and Eileen Newhouse; Mr. and Mrs. Brian McAvoy; Randall K. Freeman; Beth Kmen; Mr. and Mrs. John Jordan; Dr. and Mrs. Jeffrey Clay; Mr. and Mrs. L.H. Simerl; Jeffrey Spear; Terry Slye; Dr. Lola Haller; Houghton College Student Senate; Mr. Bruce Merritt, Sr.; Mr. and Mrs. Park Smith, JR.; Mr. and Mrs. Kevin Knowlton; Mr. and Mrs. Steven Pocock; Miss Sharon Ferguson; Mr. and Mrs. Erwin Knowlton; Ms. Deborah Heacock; Mr. Thomas Frens; Mr. Jeffrey Spear; Miss Rebecca Chase; Miss Laura Bangs; and Mr. and Mrs. Timothy Fuller. Miss Joan M. Keller; and Kathy Johnson.

ANTHONY V. BULONE & RAYMOND WHITEMORE by Mr. Thomas C. Zaranski.

RUFUS SCHMIDT by Constance Umland.

JOHN M. FRITH by Corinne Cole Frith; Mr. and Mrs. Frederick Bohlander; Louise Minnis; Mrs. Alfred Benson.

GLEN MOLYNEAUX by Mrs. Corinne Frith.

DOUGLAS FANCHER & STEVEN SERLEY by Mr. and Mrs. L. Ward Silsbee and Mrs. Lewis Silsbee.

KATHERINE E. KLING by Nellie Gordon.
JAMIE WALKER & ELINOR CARPENTER by Mr. and Mrs. Edwin Moses.

DR. JUSTICE A. PRENTICE by Dr. William Olcott.

RICHARD K. JOHNSON by Mrs. Madelyn Johnson.

VIOLA M. SALT by Mr. and Mrs. Everett F. Cutter; and Mr. and Mrs. Paul J. Burns and Carolyn.

SCORES OF ALUMNI ADDRESSES become obsolete each year and nearly 1,400 alumni addresses are unknown now. Few people disappear by design, but are lost when they neglect to update the college upon moving. If you have a current address for someone listed below, please send it to the alumni office or MILIEU. The list below will continue in future issues.

Eight

with the Wesleyan youth mission branch, YES Corps.

ex'81 JONATHAN OLSON graduated with honors from Army basic training at Fort Bliss, TX in December 1979. He is presently stationed at Fort Bragg, NC where he recently received Soldier-of-the-Month honors and earned his E-4 rating.

ex'81 ROBIN WHITING is enrolled in the respiratory therapy program at Indiana University of Pennsylvania/West Penn Hospital and expects to graduate this spring.

In Memoriam

'18 ETHEL (ARNOLD) ESTABROOK of Fillmore, NY, died January 21, 1981. Mrs. Estabrook was the granddaughter of Edwin Palmer, the Godly Genesee Canal boatman who prayed for a righteous influence in Houghton, then known as Jockey Street. Her husband, **HAROLD '18**, who predeceased her last June, took part in groundbreaking ceremonies for both Bedford Gym in 1914 and the Physical Education Center in 1978.

'27 BERNICE (WRIGHT) BLAISDELL of Wellsville, NY, died February 2, 1981 in Jones Memorial Hospital, Wellsville. Mrs. Blaisdell was a retired high school teacher, having taught in Cherry Creek and Hilton, NY. Surviving besides her husband, are a married son and daughter, and seven grandchildren.

ex'30 ALFRED COLBURN of Cuba, NY, died March 4, 1981 in Cuba Memorial Hospital follow-

ing a lengthy illness. A graduate of Cornell University, he served as principal of the Belfast school for four years, moving to Cuba as supervising principal in 1937, retiring in 1970.

'30 MILDRED (HILL) SEEGER of Hilton, NY, died in November 1979.

Former Houghton College employee **ROGER REED** of Canadea, NY, died June 24, 1977. A dedicated member of the college custodial staff, he retired in 1968 after seven years of service. His widow **MABLE (NORRIS '32)** survives.

ex'36 LOREN CHAMBERLAIN of Cuba, NY, died January 14, 1981 in Olean General Hospital. Founder of Chamberlain Appliance Company and the Cuba Cable Company, he was extremely active in the town and county fire associations serving in numerous posts. He is survived by his widow and four grown children.

'35 ETHEL BARNETT ROSS of Hialeah, FL, died the latter part of December 1980. Interment was on New Year's Day in Gowanda, NY.

'42 CLIFFORD S. ROBERTSON of Millport, NY, died in November, 1979. During his career, Rev. Robertson pastored for 10 years, then worked as an engineering supervisor for 27 years at Westinghouse in Elmira. At the time of his death, he had returned to the active ministry, pastoring the Webb Mills (NY) United Methodist Church.

'42 GEORGE ROSENBERGER, of Venice, CA, died February 8, 1981 in Los Angeles. A retired high school teacher, he taught in Iowa and the Los Angeles school system.

'61 BEVERLY (THOMPSON) RAWLINGS of Springfield, MO, died September 15, 1977. Her husband and three children survive.

ex'80 KENNETH P. NORTON, in the U.S. Army, was drowned while on maneuvers in Panama, Central America January 22, 1981. He is survived by his widow **CLAUDIA (COLBY ex'80)**; son Samuel; and parents Sam & **VIRGINIA (McCARTY ex'60)** Norton.

Down the Aisle

David & Sarah (Davidson ex'81) Allen
Carol (Snodgrass ex'79) & Mr. Blessing
Joan (Parsons ex'81) & Mr. Castro
Robert & Grace (Nauman '77) Davis
James & Cherly (Wallschleger ex'80) Fink '79
Francis & Andrea (Jordan ex'82) Golden
Mark & Sandra (Barker '78) Goudy '77
Janice E. (Smith ex'76) & Mr. Hallman
Ruth (Anderson ex'82) & Mr. Holschuh
Tim & Sue (Cooper '79) Hutton '79
William & Sylvia (Bancroft ex'64) Kamell
Thomas & Karen (Curnow '80) McCluskey
Patricia (Simokat ex'66) & Mr. McLean
Karin (Gustafson '78) & Mr. Moore
Jack & Martha (Poston '79) Morehart
Mark & Loretta (Grover ex'82) Smith
Carol (Rinaldo '74) & Mr. Sweeney
Susan (Mullaney ex'77) & Mr. Thorpe
Jeff & Marion (Raymond '81) Tripp '81
Linda (Belin ex'83) & Mr. Vallet
Patricia (Kinyon ex'75) & Mr. Wayner
Joseph & Virginia (French ex'79) Westover

Wanted: 1,400 Missing Persons

70 BAKER RUTH PAYNE
BEITH ALBERT
BEITH JOAN VOORHEES
BROKAW JOHN
BUSS CAROLYN HENDERSHOT
CRANE DONALD
DALLAS ROBERT
EISENHART DANIEL
FILLMORE DALE
FOOTE ROGER
GRATTO MARCIA
HALLAM LINDA GREER
JOHNSON MARYJANE GREER
KENT REGINALD
MALTBY JOHN
NASIR TIMOTHUS
NISKANEN KATHLEEN
PAINE JON
PAINE PATRICIA STEVENSON
REBER GLENN
ROE ROGER
ROONEY ROBERT
ROTHSTEIN GERALDINE BRECKENRIDGE
RUSTIN RUTH
SHAMIAN SHERRIE HUTCHINSON
SMITH LORRAINE
TONY JAMES
ZYLSTRA SAMUEL

71 AVERELL ELIZABETH WOLF
BELL PATRICIA JOHNSON
BREMER SHARON HANKS
CLARK MARGARET WALLE
CLAUSS GEORGE
CLAUSS KAYLYNN WELSHEIMER
COLLINS DEBORAH
DE SANTIS SUE COOK
DOWNS PAMELA NEUBAUER
FILLMORE DEBORAH LOMBARDO
GROVE JUDITH
HULL ELAINE
JEWELL H STEPHEN
LAMBERT K WILLIAM
LYNCH SUZANN KEELER
MOORE ROBERT
MOORE JANE PICKERING
MORRIS DONALD

MYERS SUSAN
SMITH JONATHAN
THOMSON SUSAN TINGUE
YOUNG PHILIP
ZABOUNIAN ZOHRA
72 CANAMIS ELIZABETH
CORNELL TIMOTHY
CURTIS LINDA HEINOLD
DIKUN JOHN
DOWNS STEVEN
GENTILE EILEEN
GLASIER DIANA BELCHER
GRAY JANET DEITZ
HULSAVER BETTY
HUMPHRIES JAMES
KOCH JR JAMES
KOCH MARGARET LINDLEY
KOWLES KAREN
KRELLER DANIEL
LEBLANC RALPH
LINGLE LINDA
MOORE RONNY
RADFORD LUCY WARREN
RATHBUN DALE
ROF KEITH
SAKOWSKI JANINE
SPEECE WILLIAM
WELLS SCOTT
WILLIAMSON GARY

73 BALDWIN ROBERT
BARNETT REINA
CARROLL LYNN
CLARK JR ROBERT
COUCH ALAN
CURRY JEAN WEIDEMANN
FORSBERG KAREN SCHRAMM
GILMOUR MARK
HAVENS BRUCE
HIGDON PATRICIA MANFREDI
JANNETTOMI MICHAEL
IRVINE BARBARA BROWN
JONES JERRY
KREIN GERTRUDE
KRELLER JANET THIENSEN
LITZENBERGER DIEDRE DUNNING
MARTANT ROBERT

HEAD PAULA DALE MORGAN
MILLER THOMAS
MORAN JO ANN
MORGAN CANDACE
PACKARD ARTHUR
PETERSON ROBERT
ROODHOUSE WILLIAM
75 SAYLER CYNTHIA NOBLE
SHIRLEY JAMES
SMITH IRMA
SPENCER STEPHEN
UMPHREYVILLE GARY
WALLENBECK WILLIAM
WHITMORE GARY WAYNE
WISE MARTHA
WOLFE EVERETT
WOLLABER ROBERT
74 ADAMS CHERYL
ARMSTRONG ROBERT
BAKER BROCK
BAKER DEBORAH NEIDER
BALDANZA JUDITH
BATESON JOHN
BEATTYS JOAN
BENNETT STEPHEN
BENSON CHRISTINE
BOITE LYNN
BROKAW CAROL
COCHRANE LYNN
CORNELL ROSEMARY
COURTNEY JANE WATERHOUSE
CRAWER CAROL
CURRY DEAN
76 DI PINTO BONITA
HAAR MAUREN
HENDERSON W DOUGLAS
HOWARTH SUSAN
JENKINS PHYLLIS
JOHNSON ORDELIA
JOHNSON RONALD
KUHN ROBIN
LITTLETON NANCY GORDON
LUDLAM RUTH
NATHAN JANET ETHER
MEGILL MICHAEL
MORGAN PAUL

NELSON DAVID
NEUMHAUS SUE
PARKS PAUL
POORE ROBERT
REED BRUCE
ROKSVAAG GEORGE
SCHODNOVER BRUCE
VANDER WIEDE LINDA
VINCENT CECILIA
75 BLAIR DAVID
BURKETT JAMES
CALKINS KATHLEEN
CHIBANA NOBUO, TIM
CHRISTIAN ELLEN
FORD DONALD
GALLUP LURALEE
GROFIK DEBORAH
HOLLENBECK RUTH
HORSMAN BRUCE
HORSMAN LINDA STEEVES
KRIEBEL RORY
LABART DEBORAH
LEWERENZ MARK
LOPEZ CEPERO ROY
LUDEMAN RICHARD
MATSUMOTO CONSTANCE HUGO
MCCORKEL STEPHEN
MEAD NORMAN
MOORE SUSAN HAWKE
ROBBINS LARRY
ROBERTS CYNTHIA
ROSENBERY SUSAN
SMITH PAMELA
TOOLEY HAROLD
WALLENBECK CAROL
76 BENNER MICHAEL
BODUNRIN YETUNDE
BRADLEY JACK
BRUORTON WEREOTH
OENAREST JILL
DONG ALICE
DUGAN SHELLEY
HOUSEKNECHT SYDNEY
LAURINE DALE
LOWREY DEBORAH SONNTAG
LUCKEY JANET DOMINGUEZ
MASQUELIER REBECCA PATTINGTON
MYERS RUTH SCHMIDT
SHEKES MARK

77 WILLIAMS ROBERT
ANDERSON CATHERINE
BOHALL NICHOLAS
BROWN ERIC
BROWN JACQUELINE BANNER
BURNS DEBORAH KENNEY
CRUZ BRADLEY
DEN HOLLANDER SYLVIA
SILFVERBRND
HODGE THOMAS
HOPEWELL CURTIS
KELLY PAUL
LALL CHRISTOPHER
MCCANN DEBORAH
PERSING DANIEL
PIKE KENNETH
SCOTT GENE
SEELEY CONNIE
SPROLE LILLIAN
STEINBIER JAMES
VANDERMEID ELAINE HEALY
VANSCOY DOTTI ALBERT
WAGER PAUL
WAGNER THERESA
WAKEMAN ROLLIN
WAKEMAN LAURIE HESS
WEILING DONNA
WEST PAMELA
WILLIAMSON ROBERT
WORK JANICE
78 CORNELL PRISCILLA
FARNEY CYNTHIA HUTTON
GRANT PEARLINE WHITE
HAWKINS DANIEL
HOWES JR HAROLD
MILLER GREGORY J
MOORE MARK
PERSING JANET MEANS
SMITH CATHY
VANGILDER NORA
ANDERSON PATRICK
BUTTS TRUDY PITCHER
HARVEY TIMOTHY
HOWES SUSAN RANDALL
NOEL JR JEANCLAUDE
SNODGRASS CAROL
VOLMUTH JR WALTER
WHITMORE KATHLEEN

MEN'S BASKETBALL

The Highlander players and coaches approached second semester with a fresh enthusiasm that goes with a new era. The first semester showed an old pattern, a 3-9 win-loss record. Houghton's top priority was to reverse that trend—and reverse it we did! The Highlanders posted a sparkling 6-2 record at home in the new facility.

To say that the crowds have been entertained would be to put it only mildly. The students, staff, and faculty have supported the team to an estimated 800 spectators per game, with SRO at the Robert's game. Dr. Harold McNiel formed an exciting pep band which performed at many contests. It would be no exaggeration to say that even the losses were exciting.

A new player, Marvin Fowler, joined the Highlanders second semester and proved his value to the team by not only scoring at 8.3 per game, but by being third high total-rebounder even though playing in only 16 games! He was out-rebounded only by Tedd Smith with a 10.58 average and by Glenn Webb with a 10.54 average.

Four players were in double figures in scoring: Webb, 19.0; Smith, 15.9; Carrier, 11.4, and Barnes 10.3. Webb set a new season field goal percentage record by shooting 55.8 percent, breaking Jack Kroeze's 11-year-old record of

54.7 percent. Smith also shot over the 50 percent mark by going 53.3 percent. Smith, scoring leader the past two seasons, broke Harold Spooner's career record of 1,350 by posting 1,370 total. With a year of scoring to go, Smitty has a chance to put the record out of sight.

Coach Jack instituted a new Defensive Award. Each player is rated in each game, and the winner is honorary captain the next game. Glenn Webb won the award 12 times and super quick Bruce Makin won it 11 times. Webb got many of his points on intimidation and blocked shots, while Makin—the quickest player Houghton has ever had—got his on harassment and steals.

With only two "big" men the Highlanders went with a three guard lineup. The guards, Mark Carrier, Bruce Makin, and Denick Barnes—none of them hitting the six-foot mark—really produced with a combination of defensive quickness, offensive outside shooting, and inside penetration for a quick bucket or slick assist. Barnes barely beat out Makin on assist average 5.67 to 5.25 per game.

The season ended with Houghton taking fourth place at The King's Tourney when we lost a 71-72 thriller to Eastern. Glenn Webb and Ted Smith were named to the All Tournament Team. Smith was also named to the NAIA District 31 All-District Team.



Left: Karen Austin goes high to grab off rebound. Tedd Smith tips in career record shot.

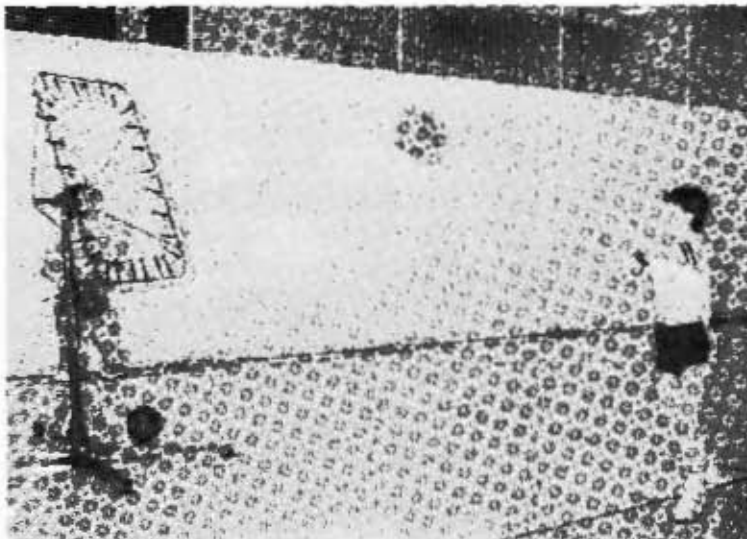
WOMEN'S BASKETBALL

The woman's basketball team continued to have trouble putting a sustained effort together second semester. They ended the season as they began it, posting a 45-34 victory over D'Youville College.

Karen Woodmansee won the scoring race with 8.1 per game. She was followed by Carol Wyatt with 7.1 per game even though Carol often played with an injury which caused her to miss six games entirely. Kate Singer outdistanced Karen Austin by pulling down 127 rebounds to 114. Individual game honors were taken by Woodmansee with 18 and Wyatt with 17 points while Singer hauled down 16 rebounds.

LATE SOCCER

Stopper back Peter Fuller has been named to the NCCAA All American Second Team.



Designated gifts and basketball brochure ad sales financed purchase of three pieces of new equipment. The Tossback allows a player to "pass to himself" in order to practice certain shots alone. It emphasizes accuracy in passing,



receiving and ball handling. The Jumper provides the athlete with a programmed isokinetic approach to increasing his jumping ability by combining resistance and speed to produce results. Since most players jump only



as high as necessary in ordinary practice. The Rebounder makes a player jump to his highest point and then challenges him to improve.



Dean of Students Is Roberta Dunkle

Twelve years ago Roberta Dunkle came to Houghton as Residence Director for East Hall Women's Dorm. This January she became Dean of Students, succeeding Dr. Charles Massey.

Since moving east from her native Washington, Mrs. Dunkle has been Dean of Women, then Associate Dean of students, laying the groundwork for and implementing many student development changes. A 1965 Christian Education graduate of Seattle Pacific College where she also supervised student workers, she earned an M.A. in New Testament at Wheaton College in 1967, then taught at Cascade College.

The energy, patience, wisdom and humor this great-grandmother of four brings to her work result from broad experience and hard work. Several times a grandmother when she began college, she was also a qualified auto mechanic and fruit rancher. During World War II she and her husband serviced jeeps, tanks and other equipment for overseas shipment. Later the couple launched a ranch and she took it "from alfalfa and sagebrush to peaches, grapes, prune plums and apricots", while Mr. Dunkle returned to auto mechanics until his death seventeen years later. When she returned to school a son took over the ranch.

Mrs. Dunkle plans to consolidate student development program growth of recent years. The first woman to serve on the college's administrative committee, she is pleased by her unremarked acceptance into a previously male dominion.

Boyer Heads Commencement Guest Lineup

Dr. Ernest L. Boyer, President of the Carnegie Foundation for the Advancement of Teaching, will bring the 1981 Commencement address on May 11. Giving the Baccalaureate sermon on the 10th will be the Rev. Mr. William H. Pape, Alliance missionary/educator to Asia and Europe. Addressing the annual Foreign Mission Fellowship convocation that evening will be Dr. David M. Howard, Assistant to the President of Inter-Varsity Christian Fellowship.

Before he joined the Carnegie Foundation in January of 1980, Dr. Boyer was U.S. Commissioner of Education. Earlier he was Chancellor of the State University of New York for seven years. A leading figure in U.S. Education for two decades, he gave the main address at President Dayton's Houghton inaugural in 1973.

Rev. Pape's career has ranged from pastorates and preaching missions in 13 countries, through radio and literature ministries to chaplaincy of U.S. forces in China, publishing and teaching. Fluent in five languages he now teaches at Bibelschule Brake, an independent Bible School in Lemgo, W. Germany.

ELDERHOSTEL PLANNED

Conference director Barbara Hora says the college will host three Elderhostel educational programs this summer. A network of over 400 educational institutions, Elderhostel offers low-cost, residential, academic programs for students over 60 who want intellectual stimulation and moderate physical activity.

Three non-credit college-level courses will be offered each week. June 21-27—*Birds: Their Beauty and Biology*, *Hot Issues in Bioethics*, and *Understanding the World We Live In*; July 5-11—*The Web of Life*, *Philology in Bits and Pieces*, and *Masterworks in Sight and Sound*; August 2-8—*Surface Geology of the Upper Genesee Basin*, *The Joys of Shakespeare*, and *Understanding the World We Live In*.

Total cost for tuition, room and board is \$140 per week. Ms. Hora has further details, but registration is made only through Elderhostel, 100 Boylston St., Suite 200R, Boston, MA 02116.

Two of his daughters graduated from Houghton.

Dr. Howard speaks, writes and counsels students about missions for IVCF. Twice he has directed the Urbana missions conference and last year he directed the consultation on world evangelism held in Thailand under the auspices of the Lausanne Committee. For 15 years he was a missionary in Colombia and Costa Rica.

Two-hundred-and-thirty are expected to graduate. Among planned weekend activities are: a smorgasbord, evening program for parents, senior breakfast and a presidential tea. For many alumni, the distinguishing feature of this commencement will be announcement of the retirement of Dr. F. Gordon Stockin after 43 years as Professor of Classics.

Trustees O.K. Phonathon For Lagging Gym Fund

Under Presidential Assistant David Jack's leadership, some 70 volunteers — trustees, administrators, faculty, staff, alumni and other friends will exercise their dialing fingers in a marathon effort to phone Houghton alumni and friends in the US and Canada between March 23 and 27.

For four hours nightly 15 phones installed in the college boardroom will be used to call 7,847 households for which numbers are known. Too, students have been getting phone numbers from a 90-page computer list of persons for whom no number was on file.

Callers have a dual mission. By action of the college trustees they will seek gifts to help liquidate a \$1.9 million debt on the new physical education center (some \$230,000 in pledges made during CTAP campaigns is outstanding). Callers will also solicit personal updates on alumni and names of perspective students. Constituents can raise questions and express opinions.

To the extent that phonathon and other gifts do not eliminate the debt, long-term financing will be arranged by summer. To support these spring fundraising efforts, the college family united for two days of prayer in February.

ENROLLMENT GAINS

Registrar, Mr. Richard J. Alderman, has announced spring semester enrollment at Houghton's main campus as 1112, a nearly seven percent increase over last spring's figure.

The total represents 1100 students - 441 men and 659 women taking work for credit of which some 60 enrolled parttime - plus 12 non-credit students. Forty incoming transfers and new fresh-

men offset the loss of January graduates.

Enrollment at the Buffalo Suburban Campus is also up from this time last year with 118 fulltime and parttime students taking courses for credit.

DEAN'S LIST

One hundred ninety-five students comprised the first semester dean's list, 49 of whom earned perfect 4.00 grade averages, according to Academic Dean Frederick Shannon.

Health Center Receives \$14,000 Grant

Houghton College has received a \$14,125 grant from the Margaret L. Wendt Foundation of Buffalo, NY, to purchase equipment and furnishings to improve the services of the new main campus Health Center.

Beginning in the 1981-1982 college year, the center will launch a program to improve diagnostic and health records services and promote beneficial life-long health practices and appropriate physical fitness activities for Houghton students.

Two major emphases of the project - student health awareness and selfhelp - will be accomplished through a series of programs involving the entire college community. "Because anyone can improve his or her knowledge of health care", Student Health Services Director Dionne Parker explained, "Reach Out" seminars in dormitories and classrooms, campus-wide "Health Fairs", campus station WJSL, the student newspaper, and videotape capability will be used to give students a better understanding of preventive medicine.

Self-help combines prevention, diagnosis, and record keeping. Programs to teach students how to prevent illness and perform simple self-diagnosis procedures will include nutrition education, weight control, and blood pressure seminars and planning for lifetime sports and recreation activities. For example, in the cold care unit, a student takes his own temperature and marks a checklist of the symptoms he has; then on these criteria he decides whether to ask the nurse for a doctor's appointment or to use the center's available samples of over-the-counter medications to combat his cold.

Part of the Wendt grant will be used

to purchase a self-contained micro-computer system programmed to allow question-and-answer instruction. Students can use time spent in the health center waiting room to watch video tape programs on different subjects before seeing the doctor. Classes can view films on hypertension or diabetes; individuals may learn breast self-examination techniques. Records of the number of users, time spent and material covered will help the Health Center staff evaluate the extent of student participation and the subjects of greatest use. In addition, the system will computerize health forms - who is allergic to penicillin? how many students have not had rubella shots? . . . who should take adaptive physical education? Individual records will be at immediate recall and school-wide evaluations will be possible.

Mrs. Parker said other equipment to be purchased includes an audiometer to test hearing ability - one of the few in the county. Adult mannequins, essential in CPR instruction, will help train health aid personnel in each dormitory and others. To date Health Center personnel have certified 20 people in CPR techniques using borrowed mannequins.

Mrs. Parker stated the project's aim is a "reflection of a national emphasis on wellness as opposed to curing, of being more aggressive toward health education rather than reacting to illnesses as they occur." "Because health care has priced itself out of the market", she noted, "the national trend is toward investing in prevention. Large health insurance companies are looking toward rewriting policies to give schools and individuals a break on insurance for participating in health education programs."

ON NOT JUMPING TO CONCLUSIONS

In January MILIEU began a two-part story on *Making Houghton Accessible to the Handicapped*. Originally we planned to conclude the story in this issue, profiling another current student and summarizing responses of handicapped alumni to a questionnaire asking about their Houghton experiences and subsequent activities.

Survey response was so extensive and personal as to defy fitting it into the available space in this issue. Even after editing the story ran some 150 lines over space budget! With printing and mailing deadlines hanging swordlike, we decided to drop the story from the March schedule and carry the conclusion at full length in May. Our apologies to those dissappointed not to see part II now are tempered by the promise of a better story in May. — Editor

SUMMER CONFERENCES

This spring and summer Houghton College expects to host 21 outside groups and 12 college or Wesleyan Church related groups for conferences ranging from one day to a week. Some 7,000 guests are expected. Group size ranges from 1,100 to 35 with a typical conference drawing 300.

Conference and Special Programs Director Barbara Hora says that a charter is being concluded with American Youth Hostels, Inc. Last year more than 300,000 overnights were recorded in this country by the organization's 200 members. Houghton hopes to attract some of the many traveling church groups that use this type of accomadation because of its modest cost.

Already some 500 transient guests use college facilities annually. These plus conference attendees have been a significant influence in recruiting students over the last decade.

Name _____
Address _____
City _____ State _____ Zip _____

AD
MR & MRS PAUL VOGAN
P O BOX 21
MOORE NY 12958



Speaker Haines and Host Schultz

Religion Professors Confer at Houghton

Thirty-five professors of religion from six Wesleyan colleges and three approved seminaries attended a two-day conference here March 6-7.

Invited by Religion Division Chairman Dr. Carl Schultz, the group studied results of a churchwide survey of Wesleyan ministers conducted by Rev. Lee Haines, denominational general Secretary of Education and the Ministry, Marion, IN. Part of Haines' doctoral research, the survey afforded the teachers insight into such things as the educational level of Wesleyan pastors, growth and decline in their churches and congregational size. Other discussion centered on the mission of the church, a doctrine of ministry and ways of training for different levels of ministry.

Dr. Schultz lauded the denominationally sponsored conference as "an opportunity to learn what colleagues at the other colleges are doing and benefit from their programs."

Buffalo Campus Receives \$25,000 Grant

Buffalo Campus Dean Ronald Strumbeck has announced receipt of an anonymous foundation grant of \$25,000 made to the campus to underwrite cost of remodeling Lyon Hall and making it energy efficient.

Over the summer, workmen will install six to eight inches of insulation above the existing ceiling and install a new suspended ceiling. Styrofoam insulation will be placed on three exterior walls and covered with wood paneling. Last, approximately 320 yards of commercial carpet will be laid. These modifications are expected to reduce energy costs 30-35 percent and generate additional campus income by attracting more conference traffic.

Last December the Women's Auxiliary presented 100 folding chairs and 12 new folding tables valued at \$1,300 to be used in Lyon Hall.

Buffalo Campus current gift income for the year to date has passed the \$16,000 level, about half what is budgeted for the year. Now a campaign under the leadership of three metropolitan Buffalo businessmen is underway to subscribe the rest of that goal.

First semester continuing education courses drew a record 582 enrollment. Based on past experience, spring offerings are expected to draw similar numbers.

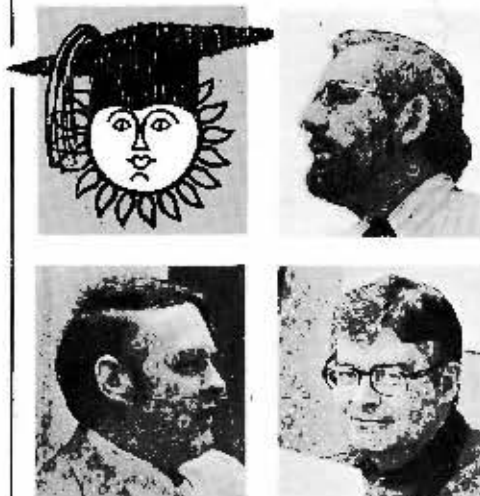
Dr. Strumbeck will be concentrating on the external affairs programs of the campus in the coming year.

MASSEYS GO TO BUFFALO

Dr. Charles Massey has been named Associate Dean for Faculty and Curriculum at the Buffalo Suburban Campus. In this role he is to develop offerings to complement and supplement main campus programs. Initially this will take the form of strengthening professional semester programs—internships in business and sociology, adding by fall of 1982, secondary and Christian education. Planned later is a concentrated one-year developmental studies program to benefit the growing number of students on both campuses whose basic skills for college need upgrading, either because of inadequate previous preparation, or in the case of older non-traditional students, need for review.

Since relinquishing his Dean of Students duties at the main campus in January, Dr. Massey has been consulting with division chairmen and the academic dean about the new programs. The Masseys and their two children will move to the Buffalo Campus in July. Mrs. Massey will use her skills in support of preschool educational programs of both campuses. The couple came to Houghton in 1976, both to teach education. He was appointed Dean of Students in 1977.

You'll love New York and Summer Alumni College — July 6-9



Houghton College will host its first Alumni Summer College July 6-9 immediately before the traditional Summer Alumni Weekend, July 9-12. The four-day session will incorporate stimulating classes with Professors Warren Woolsey, Donald Munro and William Allen with opportunities for further renewal through recreation, conversation and just plain relaxation. Mr. Woolsey's study of *First Peter* will explore the book's doctrinal and ethical content in historical perspective and its promise and demand for contemporary Christians. *Human Engineering* students will study biological and ethical considerations relating to attempts to control reproduction, heredity, behavior and time of death of humans with Dr. Munro. Via lecture, discussion, slides, recordings and a field trip, Dr. Allen's students will compare western Music and Art of Our Century.

Registration costs \$130 per person, including tuition for all three courses, special events, scheduled use of the new gym, food service and lodging. Attendees will also be exempt from registration fees for Summer Alumni Weekend. Enrollment is limited to 40 and reservations are due by June 25. To reserve your place, return the blanks mailed earlier to alumni, or contact Alumni Director Tromble in care of the college. (Clockwise from top right: Professors Woolsey, Allen and Munro).