

The

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A Publication for Employees of William Rainey Harper College

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## Harper's Environmental Programs Serve as Community Model

Each month Harper's Physical Plant collects and recycles 3,800 pounds of computer paper and 2,600 pounds of desktop paper from recycling bins across campus. In addition, American National Can Company collects about 500 pounds of aluminum cans each month and other scrap metals, such as copper and steel, are collected and stored for delivery to appropriate recycling companies.

Harper's commitment to recycling is not new. Don DeBiase, director of the Physical Plant, says the College began recycling more than eight years ago—when the Physical Plant arranged to have scrap metal hauled away. Then, one year later, arrangements were made to collect and recycle computer paper on an ongoing basis.

However, the College's commitment and compliance has intensified even further with the Preferred Future document, which states that Harper will assume a leadership role in efforts to protect and restore the environment of all living things. The statement also recommends that the College observe strict environmental criteria while serving as a model for the community.

For recycling its paper products, the College receives only about \$225 per month from the Paper Chase, a Chicago-based scavenger. DeBiase says, "When you figure in the number of man hours needed to collect the papers, transport them to the warehouse, and separate and pre-weigh them, we lose money. But," he adds, "we feel a responsibility and recycle for ecological reasons."

The College is also committed to using recycled paper products. Joan Young, manager of Publications and Communication Services, says, "As much as possible of the year's paper order for the Print Shop is recycled paper. As other types of stock become available from suppliers who are using post-consumer waste in their recycled papers, we expect to complete the shift to recycled paper only. We are also specifying recycled papers for printing jobs that must be done by commercial printers, such as the course schedule and the various program brochures."

### inside

2

The President's  
Message

3

Focus On:  
Manufacturing  
Technology and  
Mechanical  
Engineering  
Technology

4

Insider's View of  
Jean Chapman

6

Inside Harper

8

Departmental  
Developments

*continued on page 5*

## The President's Message

In the May issue of *The Insider*, I wrote about the first phase of the building and renovation plan. I'm happy to add that at the August 22 Board Meeting, the trustees approved the construction of a new bookstore and the remodeling of Building A.

The continuation of the building and renovation plan meets some of the space needs that were submitted to the Board by Legat Architects in 1987. The Space Utilization Study was undertaken in May of 1986 when Legat worked with a task force of College personnel that chose to have input into the study.

The new bookstore will alleviate the crowding and lines that have been so evident this first month of school. The floor plan will allow increased self-service and more shelf area. It will be almost two times the size of the current facility and will be located on the middle level of the new classroom building.

The location is a change from the original plan. Legat Architects recommended that the bookstore be erected in a more central place with better access to parking. This location will also be convenient for deliveries through the loading dock now located in the bottom floor of Building F.

The middle level of the new classroom building and the new home of the bookstore will link with the second level of Building P. Once the new classroom

building is completed, there will be an indoor route from Building A through C to P to Building F. The remaining portion of the mid-level and the entire top level of the new building will house classrooms, faculty and division offices.

Building A remodeling will include 11,800 square feet of improvements and expansion designed to improve services for students. There will be increased space and better access to financial aid, registration, business offices, cashiers, personnel and some continuing education classrooms. The dining room and adjacent rooms will be remodeled and reconfigured for more efficient use.

The 5,800 square feet that will be left after the bookstore is evacuated will be developed into a conference center for use by faculty, staff, students, College-affiliated groups and, when available, community groups. The conference center will have excellent access to food service, the lobby area and convenient parking. The Educational Foundation has committed itself to raising the funds necessary for the center.

The next phase of the building plan to be considered by the Board of Trustees includes the addition of a 350-400 seat performing arts center and the remodeling of Buildings C, E, H, U and V.

I am pleased that our building plan is progressing and that our space needs are being addressed through fiscally



responsible planning. There will be no additional burden placed on our taxpayers.

## FOCUS ON

# Manufacturing Technology and Mechanical Engineering Technology

More than 9.5 million people are employed in manufacturing related jobs in the state of Illinois and, by the year 2000, this figure will rise to 10 million.

"There are many opportunities available for Harper students in these fields," says Bill Punkay, coordinator of Harper's Manufacturing Technology and Mechanical Engineering Technology programs. He adds that local industries are looking to keep their manufacturing techniques and mechanical engineering on the cutting edge of technology while assuring quality control.

"Local industries consider manufacturing productivity and product quality to be paramount," Punkay says, adding that these companies are turning to Harper to provide the necessary education and training.

Beginning this fall, the Mechanical Engineering Technology and Manufacturing Technology Programs are being offered separately, with certificate and associate in applied science degree options in each. While the two programs differ in technical course requirements, both stress the fundamentals of math, English, technical report writing and other communication skills. Students entering the programs decide first on their career direction.

Those studying mechanical engineering are primarily interested in product design, taking courses in physics, statics, strength of materials, mechanisms and machine design. The manufacturing technology student, on the other hand, focuses on the processes and materials used to manufac-

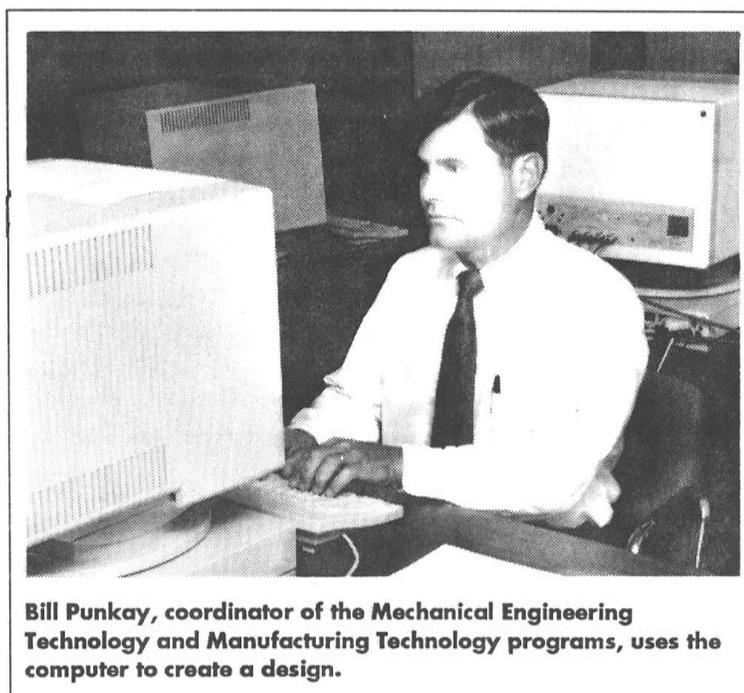
thrust of the department, certificate programs are also available. These are short-term offerings, tailored to specific subject matter.

Punkay says that while most of the courses are offered at Harper's main campus, companies may also arrange for on-site instruction. Examples of courses that have been taught on site are graphic standards, blueprint reading, geometrical dimensioning, shop math and orthographic sketching.

"We're looking to expand on-site offerings even further," Punkay says. "We sense there's a great need for this service in the Harper community."

Fully two-thirds of the students enrolled in the programs are already employed in industry and are looking to update their skills or focus on a career. The other one-third are either traditional college students preparing for a four-year degree or undecided students exploring career options.

"American industry has redirected its emphasis upon manufacturing methods while it has been retooling its factories with computer-controlled machines," Punkay says. "To keep pace with these rapid advances in manufacturing, Harper con-



**Bill Punkay, coordinator of the Mechanical Engineering Technology and Manufacturing Technology programs, uses the computer to create a design.**

ture the finished product and numerical methods for controlling machine tools. Technical courses in this program include computer graphics, parts programming and process design.

"Employers are anxious to hire qualified people," Punkay says, "so our programs are designed to put workers into the workplace who are immediately productive." While the associate in applied science degree is the main

*continued on page 5*

## INSIDER'S VIEW of Jean Chapman

The daughter of Swedish and Norwegian immigrants, Jean Chapman began learning about cultural differences early in life. She grew up among Swedish Americans in Chicago, attended ethnically diverse public schools and spent a college semester living with a family and studying in Mexico.

As chairman of the English as a Second Language and Linguistics department at Harper, Chapman says that cultural differences include more than just language and that we, as Americans, need to learn to think internationally. "We have to learn how people in other cultures think—for both our political and economic welfare."

The ESL department has changed significantly since Chapman took the helm in 1977. "We don't just teach survival English anymore. We now offer four academic program options for our students," she says. "Also, our students today come from a wider variety of countries than in 1977."

Before taking this position, Chapman taught flute at Lake Forest College and DePaul University and performed professionally. She says that she is an avid concertgoer and hopes to get back to playing the flute again. "I just can't reduce my playing to the level of a hobby, so I don't play at all right now," she says. Chapman also worked as an instructor in Harper's ESL department, served as an ESL educational consultant for the State of Illinois and taught foreign languages and English in Illinois and Tennessee high schools.

**Born:** Chicago

**Education:** B.A. Spanish and English, Baylor University; B.M. Applied Music, DePaul University; M.M. Music History and Literature, Northwestern University; M.A. Linguistics, University of Illinois-Chicago

**Family:** Husband, Harley; three sons, two daughters-in-law, two grandchildren and other family members in Japan, Norway, Thailand and Sri Lanka

**Interests:** Music, visiting galleries, talking with interesting people and reading non-fiction

**If time and money were not a problem:** I'd like to live in other countries for awhile and go back to school to take some of the undergraduate courses I was never able to take. But, I'm pretty satisfied with my life as it is!



Jean Chapman

**Favorite food:** Pizza, pizza and more pizza! I also like anything with a good sauce on it and ethnic foods.

**I would like to learn:** more languages.

**One thing I've learned in life:** It's important to face reality and to see the humor in life—you have to be able to laugh.

**Best advice my parents gave me:** Be yourself.

**I can't stand:** a lack of empathy in people.

**Favorite movie:** *Gandhi*

**Favorite book:** *Man's Search for Meaning* by Viktor Emil Frankl

## Environmental Program

*continued from page 1*

According to Vic Berner, Harper's dean of Business Services/Finance, styrofoam use is under study. Karen Villano of Food Services has been researching the topic during the past year to compare the environmental feasibility of styrofoam in relation to the water consumed in washing the amount of china used daily to serve food in the cafeteria and throughout the campus. The review of pertinent studies will be carried out with the Environmental Health/Safety Committee.

If the College continues using styrofoam, however, DeBiase says that he will arrange to recycle that product as well. A new styrofoam recycling plant, Eaglebrook, has been built in Chicago, and celebrated its grand opening on September 12. Staff at the plant can assist in setting up a participation program, and users can contract with their waste haulers to collect and bail the recycled styrofoam.

But recycling is not the College's only environmental concern. Other efforts to conserve energy include replacing existing four-tube fluorescent light fixtures with more energy-efficient models; installing a digital control energy management system to control all heating, ventilating and air conditioning equipment across campus; installing flue economizers to all boiler stacks; switching to state-of-the-art energy-efficient air conditioning chillers; and replacing all exterior mercury vapor lights with more efficient high-pressure sodium lights.

In addition, the College has complied with Environmental Protection Agency regulations for underground storage tanks. Unfortunately, these efforts do not come cheaply. One diesel and two gasoline tanks have been removed and the College has received a permit to have one oil tank "killed in place" underground. (This involves emptying the tank and then filling it with gravel.) Permission to follow this procedure was obtained because removing the tank could have resulted in serious structural damage to Building B, since it was located so close to the foundation. Double hull construction tanks, equipped with devices to record leakage, have replaced those removed. The cost of the compliance was \$173,690.

In addition, DeBiase says that while removing the tanks, the surrounding soil had to be tested and was found to contain contaminants. The soil was then hauled to a special landfill for an additional \$150,000. He adds that the EPA will partially reimburse the College for this expense, however.

These efforts have all combined to keep Harper in the forefront of environmental and recycling programs in the community. More information will be published in *The Insider* as it becomes available.

*"...we feel a responsibility and recycle for ecological reasons."*

*Don DeBiase*

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## Manufacturing Technology and Mechanical Engineering Technology

*continued from page 3*

tinues to offer high-tech courses in both manufacturing technology and mechanical engineering technology to students who wish to improve and update their knowledge in automation, CAD/CAM, robotics and computer-aided machine control."

# Inside Harper

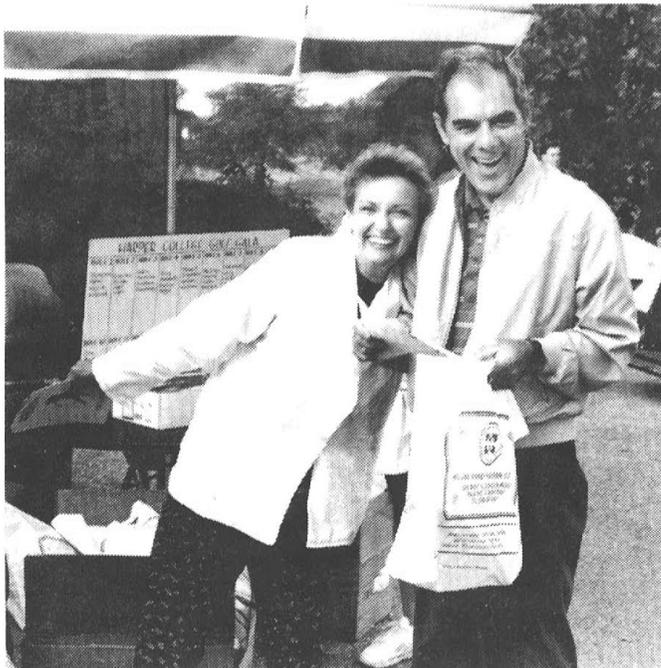


**Golfers, start your engines!** Participants in Harper's Annual Educational Foundation Golf Gala on August 19 hurried to their starting points to begin play. The "Best Ball Scramble" also included a Closest to the Pin Challenge and a Longest Drive Contest.

**Community members Keith Bryant, Rolling Meadows, left, and John Ryan, Deerfield, took top honors in the annual outing. Each won a golf locker, numerous prizes and will have his name inscribed on the golf gala trophy.**



**Pat Carney, DEV OFF, greets Harper's former Vice President of Academic Affairs and outing participant David Williams.**



During the first week of classes, students, faculty and staff were welcomed back to the cafeteria with a Grand Opening celebration presented by the new Food Services management company, Tri-R.



Tri-R, which took over management of the cafeteria on August 1, offered raffle prizes during the celebration. Winners took home fruit baskets, a zebra raft, an antique train set as well as clothing donated by food suppliers. Tri-R plans more celebrations this fall, including Oktoberfest and a Halloween extravaganza.



President Paul Thompson speaks to faculty and staff during his State of the College Address on August 20. During the presentation he outlined a four-year plan for implementing our Preferred Future and brought his audience up to date on building plans and strategies for improved communication. The orientation also included introductions of all new faculty and staff members by Vice Presidents Connors, Henry and Manke.

## Departmental Developments

Kudos to Harper's Business and Social Sciences division, which received full accreditation from the Association of Collegiate Business Schools and Programs. This accreditation is valid for seven years...Philosophy Professor **Jerome Stone** and Dean of Liberal Arts **J. Harley Chapman** presented papers at the Highlands Institute for American Religious Thought in Highlands, N.C. Both papers were selected for publication in the American Journal of Theology and Philosophy.

Speech Professor **Patricia Smith-Pierce** has been reappointed to a two-year term on the Minority and Female Business Enterprise Council for the State of Illinois, while fellow Speech/Communication Professor **John Muchmore** will serve as a visiting scholar at the School of Speech at Northwestern University, Evanston, during his fall sabbatical. Music Associate Professor **J. Stanley Ryberg** participated for the seventeenth year in the Peninsula Music Festival in Door County, Wisconsin. Nine concerts were performed during the three-week festival. In addition to playing the bass trombone, Ryberg also composed all of the fanfares used for the performances.

In other campus areas, **Rex Burwell**, English, was promoted to assistant professor; **Elena Pokot** has been selected as director of Programming Services, OIS; **Jane Harris** will serve as ESL and international student advisor, AE/LS; **Mary Azawi** has been promoted to ESL specialist and lab supervisor, AE/LS; and **Charles Faenza** has been promoted to AV tech II, LRC.

New employees include **Deneece Glenn** and **Stephanie Burrell**, counselors, STU DEV; **Pascuala Herrera**, instructor, **Stephanie Wooten-Austin**, lead interpreter, and **Judy Macpherson Schumacher** and **Mary Whitman**, interpreters, CSD; **Patrick Beach**, instructor BUS/SS; **Luanne Kristiansen**, program specialist, Travel Academy, CE/PS; **Sheryl Mette**, transfer coordinator, STU DEV; **Carol Diane Carter**, assessment and registration specialist and **Manouchehr Azad**, math tutor, AE/LS; **John Ferris**, clerk dispatcher, PUB SAF, and **Anne Schimmel**, receptionist, ADM OFF.

Congratulations to **Nimi Tobaa**, IAC, and husband, Ahmed, on the birth of their daughter, Amel Lina, on August 3 and to **Lynne Lutman**, BUS SER/FIN, and husband, Will, on the birth of Elizabeth Michelle on August 7.

We send condolences to **Diane Flores**, PERSONL, and to **Beth Miller**, WOM PRG, on the deaths of their fathers, and to **John Eliasik**, PEAR, on the death of his mother.

### The **in**sider

*The Harper Insider* is the monthly Harper College newsletter produced by Publications and Communication Services. We cordially invite all employees to contribute stories and information before the twenty-fifth of the month for the issue published the following month. Please send contributions to PUB, A302, or call extension 2512.

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