

# MILLERSVILLE REVIEW

*For Alumni and Friends of Millersville University*



SUMMER 1991

A Continuation of the Alumni Review

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# MILLERSVILLE REVIEW

For Alumni and Friends of Millersville University

## Ex-staffer needs Snappers

Consider this the SOS of the SOB (*Snapper's Oldest By-liner*).

Recently, a storage-area fire wiped out sixtysomething's worth of memories. What meant the most to me—beyond price—were my issues of the *Snapper* from fall 1947 to spring 1951.

During that time, I think there was no issue for which I did not write. I was made features editor early in my freshman year and in my junior year became co-editor-in-chief with the estimable Bill Petri.

If someone out there kept every issue, as I did, may I borrow and copy them?

Among my souvenirs was an April Fool's Day issue (1949?) that was very funny then and is very funny now. I happened to re-read it in the past year. If you can help, please call me collect at (717) 848-3402 or write me at 841 North George St., York, PA 17404-2529.

My gratitude will be boundless.

Bill Ketterman '51  
York, Pa.

## Remembering Edwin Howard

Your announcement of the untimely death of Edwin E. Howard [founding chairman of MU's industry and technology department] brings back fond memories. Mr. Howard had a down-to-earth approach that was a breath of fresh air in what, at the period, was sometimes a stilted academic atmosphere.

The onset of World War II and a change in the philosophy of the Industrial Arts movement resulted in his transfer to industry. What industry gained was, unfortunately, the students' loss.

Samuel C. Bear '39  
Pennsauken, NJ

## Spring issue misprint

Due to a printing error, a few copies of the Spring '91 issue of the *Millersville Review* were missing some pages, while other pages were printed twice. Anyone who received such a copy and would like a new copy of the Spring *Review* should contact the editor.

# VIEWS

## Freshmen of '56 still friends

*Editor's Note:* A 1959 alumna wrote the Review about a 35-year friendship among classmates that is still going strong. She would like to share the idea with other alumni.

In the fall of 1956 a long-term friendship began on the fourth floor of Old Main. Fourteen college freshman met for the first time and 35 years later are still getting together for various activities to hash over memories and enjoy each other's company.

In the beginning we enjoyed a Christmas party each year with a gift exchange. Now we go out to dinner with our spouses each November to celebrate Christmas. Each summer we go to one another's homes for a family-style picnic.

Eighteen years ago we started camping together at Bolder Woods campground near Telford, Pa. In recent years we have added an evening of dinner and horse racing at Penn National near Harrisburg and a beach outing in Delaware.

I would encourage [student and alumni] groups to do activities together. All the gold on earth cannot begin to equal the lasting friendships we have developed.

Margaret Anne Boyd '59  
Stewartstown, Pa.

Members of the Pennsylvania alumnae group are Sue Sterner Barley '60, York; Margaret Anne Mundis Boyd '59; Helen Kling Middelkoop '59, Hershey; Rosalind Sprenkle Reed '60, Dallastown; Donna Knisely Leiphart '59, York; Cynthia Snyder Dark '60, Danville; Wilma McCleary '60, Dallastown; Patricia Lee '60, Telford; Connie Coomes Folkenroth '59, Loganville; Alice Ann Long Brown '60, Harrisburg; Lelia Umberger Dougherty '59, Yoe; and Judy Lan Joseph '59, Raleigh, N.C. Deceased are Annette Fishel Almony, formerly of New Freedom, and Judy Stayman Martin, formerly of Strasburg.

## Share your "Views"

Send your letters to:  
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### On the cover:

Computer art is no longer a novelty but a respected medium for contemporary artists. MU art professor Leonard Ragouzeos turns an old-fashioned lawn chair into an "electric" chair.

# AROUND THE CAMPUS

## German immigrant is Mellon Scholar



**Maria Hoehn**

She was a single parent who came to the United States from Germany in 1983 with her 6-year-old son. She supported herself and the boy, while attending Millersville, by working full time cleaning homes.

This spring Maria D. Hoehn, 35, of Lancaster was awarded a prestigious Mellon Fellowship in the Humanities, the first Millersville student to be so honored.

The history major attended MU on a Presidential Scholarship (based on academic excellence) and completed an honors thesis that compares two women in the German feminist movement.

The award includes full tuition and a \$12,000 stipend. After years of hard work, "it will be nice to be paid to go to school," Hoehn jokes.

In the community, she was a volunteer telephone listener with CONTACT, which operates a 24-hour helpline. Hoehn also has chaired a Music at Gretna fund-raising committee and has worked with the "Next Generation Series," which enables young artists to perform in community concerts.

She was chosen to be a Mellon Fellow after a panel gave high marks to her essay on why she likes history. She also was interviewed in person by Foundation representatives in New York City.

"It was so hard to believe I was a finalist," says Hoehn. "I'm thrilled, happy and proud."

Hoehn graduated from MU with honors in May. She will enter a five-year Ph.D. program in German history, with French history as a second field, at the University of Pennsylvania this fall.

The new Mellon Fellow joins 37 men and 61 women from 50 colleges and universities (including Harvard, Princeton, Columbia, Yale, Wellesley and Brown) who intend to pursue study in such fields as English, history, philosophy, comparative literature, and the classics.

## Soviet ecologists visit MU campus

They came in peace. They came to learn how to nurture Mother Earth. The "Ecology of Peace" delegation came from the Soviet Union to the Millersville campus in late April.

Hosted by MU's Office of International Studies, the delegation toured the industry and technology department and met with faculty to discuss the environmental studies curriculum.

Now that the cold war is over, the Soviets are desperately trying to build a consumer society, but years of non-productivity have taken a heavy toll. By studying U.S. agricultural methods and adapting free market technologies, the Soviets hope to build up their standard of living, strengthen their country in peacetime, and preserve the vanishing resources of the earth.

The long-term goal of the delegation is security for both the United States and the Soviet Union through sufficient energy, food and materials.

The delegation included, among others, the Soviet minister of social affairs; the vice president and director of scientific research and environment programs at Bauman University; and the director of the Institute of Scientific Research/Radioelectronics, who is also president of the Ecological Association for Cultural and Scientific Cooperation.

## Warner-Lambert gets President's Medallion

The Lititz division of the Warner-Lambert Company was awarded an MU President's Medallion during spring commencement ceremonies on May 11. Accepting the medallion on behalf of Warner-Lambert was Herman Armstrong, vice president of operations in Lititz, Pa.

At the May 11 commencement, about 735 people received degrees, including 681 undergraduates and 54 graduate students. Some 150 students, 31 more than last spring, graduated with honors.

The President's Medallion recognizes individuals and organizations that have demonstrated extraordinary service, leadership and dedication to higher education.

Warner-Lambert receives the medallion for its support of the University's Women in Math and Science Conference. Over the past four years, the conferences have drawn more than 700 high school girls and their guidance counselors to MU to meet female mathematicians and scientists.

The goal of the conference program is to encourage secondary school girls and other underrepresented groups to consider careers in science and math.

## Six Baby Swans

Yes, pond-watchers, they did it again! The Millersville swans are the proud parents of six new cygnets, hatched on April 22.

Swan offspring rarely exceed five and the six little cygnets are more than the campus has seen in some time.



*"I'm thrilled, happy and proud to be a finalist."*





*View of Student Center expansion from the north door.*

## **Parents must demand quality education**

"We have the wallet, we simply don't have the will" to reverse declining trends in education, said Mary Hatwood Futrell, as she delivered the third annual Anna Funk Lockey Lectureship in Education at MU on March 28.

The former president of the National Education Association is a strong advocate for quality in education. Her remark refers to President George Bush's claim that the country has the will but not the wallet.

Futrell pointed out that the U.S. is spending billions to bail out savings and loans while scrimping on educating the future leaders of our country.

We should demand more government funding of education, she said. "If we don't care about our children today by giving them a good education—why should they care about us later?"

## **Can I play billiards there before I'm bald?**

Yes, it does seem like the road to the new Student Memorial Center extension has been a long and winding one. But real progress has been made this winter and spring.

The foundation has been dug and actual walls are appearing. Once completed, the addition will include a new University store, meeting rooms, and expanded offices for WIXQ-FM and the *Snapper*.

The south end of the addition will house a recreational area, racquetball courts, a fitness center and a multi-purpose room. Also, the south parking lot has been expanded.

The student-funded, \$6.5 million project, which also calls for renovations to the existing SMC, is expected to be completed by August 1992.

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*“Survivors are also victims. They don’t need [a researcher] to bother them.”*

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## MU team studies disaster sites

The April 26 tornado that ripped through a Kansas trailer park, killing 17 people and injuring 100 others, was a national tragedy.

It was also an opportunity for a Millersville professor and two students to gather research that ultimately should help communities deal more effectively with disasters.

Dr. Henry Fischer III, assistant professor of sociology and anthropology, was joined by senior sociology majors Susan Schaeffer and Marna Trowbridge in a whirlwind effort to gather notebooks, tape recorders, cameras and video equipment and—within 48 hours—to board a plane to Andover, Kansas.

Their trip was sponsored by the Natural Hazards Center at the University of Colorado, which enables researchers around the country to travel to and study disaster sites. Like any disaster team, the researchers must be able to respond immediately.

How did scholars research a disaster? They asked questions. They interviewed:

- Relief workers from the Salvation Army, Red Cross and Mennonite Disaster Service

- Government officials whose disaster plans did not always work as expected

- Local television and newspaper reporters, and even

- Sen. Robert Dole and his wife, Elizabeth Dole, the former cabinet member who now heads the national Red Cross.

They *didn't* talk to survivors of the deadly tornado.

“They are also victims,” Fischer said. “They don’t need somebody like me to bother them.”

Next, the team visited the demolished trailer park. The park’s 240 homes were now nothing but rubble. Schaeffer called the experience “incredibly intense.”

After four exhausting and nearly sleepless days, the team returned home. Fischer currently is putting the findings of his Kansas trip into a final report, which analyzes how dozens of emergency relief organizations can work together more effectively.

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## Come to the fair, help save your life

You could test your blood pressure, screen your cholesterol level, gather low-fat recipes, discover new ways to manage stress, and learn the latest news about chemical addictions at Millersville’s Health and Wellness Fair, held April 3-4 in the SMC.

The fair’s purpose was to bring useful health information to as many people as possible—and provide a bit of fun in the process. The fair was open to all members of the campus community.

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## Student art show open all summer

The Annual Student Art Show, which includes more than 200 works, is on view through August 30. The exhibit is at Breidenstine Hall and open to the public.

The show is composed of works completed by MU students during the 1990-91 academic year. Included are ceramics, paintings, jewelry, watercolors, drawings, sculpture, original lithographs, etchings and monoprints, illustrations, graphic designs and black and white photographs.



*Landscaping at Alumni House*

## Seniors present gift of landscaping to MU

After a fund-raising effort this spring, the Class of 1991 presented to its alma mater a gift that serves two purposes.

First, the gift of landscaping for the newly renovated Alumni House will beautify the campus. Second, the permanent memorial will “honor students and alumni who served in the Persian Gulf.”

May, August and December graduates met their goal of \$3,500. Donations came from classmates, parents and matching gifts from the Alumni Association. Seniors James MacKenzie, Chris Mulvihill, Kelly Sellari and Stephen Uttrodt coordinated the fund-raising.

Although much of the landscaping is already in place, the formal recognition of the Senior Gift by the University is scheduled to take place during Homecoming '91.

# MU PEOPLE

## History prof named Fulbright Scholar

Dr. Francis Bremer, professor of history, will be going to Cambridge University in England this fall to spend his 1991-92 sabbatical leave as a prestigious Fulbright Scholar.

Bremer will join the history faculty at the university's Wolfson College. His research will take him back to the 17th century to study sermons of the time as well as works by New England clergymen.

Bremer was coordinator of the international conference on Puritanism hosted by Millersville in April. Until this year, he was the long-time coordinator of MU's History Day Program for elementary and secondary students.

He has published four books on 17th-century Puritanism in England and New England and is considered an authority in that field.

## MU viewbook wins two awards

A first-place regional award for the Millersville University viewbook, "Becoming," was presented recently to **Carole Slotter**, director of continuing education.

The viewbook was entered in the public relations (multi-page color brochure) category of the Central Pennsylvania Chapter of Women in Communications contest.

In addition, the viewbook won an award of merit in May in the 1991 School and College Publications Contest sponsored by the National School Public Relations Association. The MU viewbook will be on display at the association's national seminar in Chicago July 21-25.

**Dr. Ralph G. Anttonen**, retention officer for the University, was honored earlier this year as one of the nation's Outstanding Freshman Advocates for 1991. Anttonen has headed Millersville's undecided freshman program since 1986.

**Leah Fudem**, assistant professor of English emeritus, received the first President's Award for "outstanding contributions to the field of communications" from the Central Pennsylvania Chapter of Women in Communications.

**Brigid O'Hanrahan**, associate professor of art, recently was awarded a 1991 Fellowship in Crafts from the Pennsylvania Council on the Arts. Granted to individuals who exhibit quality in their creative work, the fellowships carry a monetary award of \$5,000.

A metalsmith, O'Hanrahan will use her award to produce a series of silver and copper double-walled bowls, which will later go on exhibit.

**Dr. Beverly Schneller**, assistant professor of English, is co-editor of *Writing About Science*, recently published by Oxford University Press. The 371-page textbook is designed for use in classes ranging from freshman composition to technical writing.

## Summer retirees

Associate Professor of Art **Jane L. Reinhard** will retire on August 16. A faculty member since 1958, Reinhard taught children at the campus laboratory school and at the Elizabeth Jenkins Early Childhood Center until 1980. Currently, she teaches art.

**Lawrence Warshawsky**, associate professor of health and physical education, will retire on August 16.

Warshawsky joined Millersville in 1969. He was head track coach for 11 years and assistant coach of the football and baseball teams. In 1986, the Division II Track Coaches Association honored him with its Outstanding Service Award.

## Faculty deaths

**Dorothy Todd Hughes**, associate professor emeritus of music, died February 11 at Lower Bucks Hospital in Bristol. She was 92. She served the University for 32 years, retiring in 1963. Born in Bedford, Ind., she lived in Levittown for the past 28 years.

**Edith Riggs**, a member of the English department faculty from 1967 to 1969, died March 22 in New York City. She was 73.

**Helen C. Riso**, long time Millersville University faculty member, died April 18 at Lancaster General Hospital following a lengthy illness. She was 63.

Mrs. Riso became dean of women in 1963. She was appointed dean for off-campus life in 1972 and retired from MU in 1988.

Born in Pittsburgh, she received both her bachelor's and master's degrees at the University of Pittsburgh. She had resided in Lancaster since 1963.

**Raymond S. Treon**, professor emeritus of special education, died March 12 at his home in Northumberland. He was 79. He served Millersville from 1968 through 1976.

# FEATURE

By Chris Noonan Sturm

## Off to the races!

It's wet! It's fun! It's research!  
It's Millersville University's first  
human-powered submarine.

"Let's go watch the submarine races."  
That's an old college pitch to go parking, right? Wrong.

There really *are* submarine races and a Millersville University team is competing in them this month in Florida.

Forget kissing in the front seat. Picture this...

You are lying flat on your stomach, looking through the clear plastic hull of your submarine at a ribbon along the sandy ocean bottom 30 feet below the surface.

Your mission: to follow the course marked by the ribbon. In your hand is a gadget that turns your 14-foot, torpedo-shaped sub left or right. Your foot rests on a pedal that raises and lowers the sub. All is quiet but you feel turbulence behind you. That's your crewmate.

He is lying on his back. His arms pump two rods back and forth as his legs pedal as furiously as they can. His mission: to generate as much power as humanly possible.

You are both weightless and breathe through scuba gear. You are surrounded by water inside a space that would make even an astronaut feel claustrophobic.

MU students  
with the wooden  
mold for the sub-  
marine hull.



In spite of awkward positions, labored breathing through air tubes, and the drag of water resistance, you struggle to move your sub as fast as you can. You are in the second International Human-Powered Submarine Races—and you want to win!

This is the scene for the two-person crew inside The Hoagie, the submarine designed and built by a team of 10 students in the MU industry and technology department. The team is one of 36 from the United States, Canada, Great Britain and Germany that have gathered in June at Riviera Beach, Fla., the Daytona Beach of submarine racing.

The race is not without its dangers, which explains the many safety features required in the sub design and the presence of U.S. Navy divers near competitors at all times.

The Hoagie has a clear plastic hull with bright yellow inside. Other subs have been painted bright orange, lime green, neon pink and cobalt blue. Some, like fighter jets, are decorated with stripes, shark's teeth or a charging panther.

As each team takes its sub into the ocean, families and crewmates applaud and shout encouragement. The cheering section sits on blankets on the hot shimmering sand, passing around cold drinks and skin lotion.

The crew are in bathing suits, with sun hats that are tossed aside only as they enter the water. Competing with the MU team are submariners from the U.S. Naval Academy (winners of the first race in 1989), California Polytechnic, Florida Institute of Technology and the Massachusetts Institute of Technology. Other individuals, corporations and academic institutions also send teams to this sophisticated underwater soapbox derby.

The best overall sub wins a \$5,000 prize. Prizes of \$500 are given to each sub winning in the categories of cost effectiveness, innovation and speed. Teams are recognized for effort, sportsmanship, daring and overall performance by an academic institution.

The biennial races draw crowds of media, rubbernecks and technology buffs to the seashore for one of the strangest competitions since frog jumping.

Along with the cheering, wild colors and fun in the sun, the serious purpose of the races is to stimulate interest in marine engineering and ocean technology. The H.A. Perry Foundation and Florida Atlantic University sponsor the races.





Millersville takes the sub races seriously. Many hundreds of volunteer hours have gone into the design and building of The Hoagie. What has students most excited is the unique material used for the hull. Polycarbonate is a clear plastic that makes mass production of a product quite simple. It's so strong, the material is used for bullet-proof car windows.

To demonstrate its toughness, Dr. Verne Hauck interrupts an interview, jumps up from his chair with a meter-long stick of the plastic and whacks it on the floor as hard as he can. Then he bends it into a "U" shape. His admiration for polycarbonate is obvious.

"It's strong, flexible and clear," he says. "I carried that material around for months, showing it to people. You can bang on it with a hammer and not hurt it."

Hauck is MU associate professor of industry and technology and sub team supervisor. He sees the international submarine races as a major undertaking for the university.

"In the 12 years I've been here, I've never been involved in anything of this magnitude," Hauck says. "It's something totally new and different. For us to be in competition with these schools shows that we are capable of competing at an international level in many fields."

Student team members, buoyed by an unlimited supply of can-do energy, are not cowed by the competition. Watching a video of the first race two years ago "made us feel our design is as good as anyone else's, if not better," says junior Chris Bartush.

In that video, crews in matching T-shirts carried their neon-bright subs into the ocean for pre-competition testing. A few subs sank to

inglorious defeat. Others needed tinkering with. A lucky few worked pretty much as their designers had hoped they would.

Into this fray of defeat and glory, our MU team has boldly marched.

"We may not know a lot about hydrodynamics," says graduate student Allen Stanton, "but our design and manufacturing capabilities have given us an advantage over the engineering schools, who sometimes 'job out' their construction."

A core group of six students did most of the design and construction, aided by two dozen others. "We have a team of 10, but a cast of thousands," says Hauck. "This has been a team effort all the way, with many revisions and contributions.

"One reason the industry and technology department is so strong is that we can take basic knowledge and apply it to new areas."

"There is nothing that can't be built in this department if you're willing to do the research," says a confident Bartush.

In an impressive display of student problem-solving, the team scrounged for bits and pieces of material and used them to build the Hoagie as cost effectively as possible.

Total cost of the project, including entry fees, materials, construction and testing, transportation and lodging, will run between \$6,000 and \$8,000, Hauck estimates.

In addition to small gifts and donations of equipment, Hauck received a \$1,300 faculty grant.

How did landlocked Lancaster County join

*A sheet of strong plastic has just been molded to create half the submarine hull.*

the International Human-Powered Submarine Races?

Sub fever started in March 1990 when Hauck, an avid diver, visited a local dive shop and found out about the 1989 races. Intrigued, Hauck called H.A. Perry to learn more.

In September, Hauck and graduate student Chris Erickson, also a diver, met race organizers at a marine technology and science convention in Washington D.C. They watched presentations by teams who had competed in the first sub races.

Impressed, Hauck and his students took the plunge and committed Millersville to producing a submarine.

Not everyone caught the sub fever, however.

"People ask me, 'Why do you want to do this?'" says Allen Stanton. "Why not? Nobody here ever said, 'It's beyond us.' We saw the video, lit up and said, 'Let's do it!'"

*Students stomp on the polycarbonate hull to test its strength.*



*Photos by Jim Yescalis*

The first step was to pore over the designs the competitors used in the first race to find which features were most effective. Students had to adhere to what Hauck describes as a "very stringent set of engineering criteria," which included many safety features.

Here are a few of the races' rules.

- Subs must be operated by a two-person crew. One person navigates and the other provides power.
- Unlike Navy subs, racing subs are full of water and the crew must be certified SCUBA divers.
- Each crew member must have handy a "dead man" switch which releases a safety buoy to the surface in an emergency. The hatch release must be accessible from inside and outside the sub.
- The sub must be painted a high-visibility color, carry a flashing strobe light and tow a small surface buoy.

Despite the requirements, the 1989 subs were noted for individual style, dash and even humor. Most looked like torpedoes but at least one resembled an air-to-air missile, blistered with many fins. Another sub, The Knuckleball, was a clear, plexiglass sphere that unfortunately smashed on impact with a sand bar. One crew arrived with a simple 18-inch sewer pipe cut in half.

The colors might have come off skateboards. Many subs sported racing stripes and decals of school mascots or sponsors a la the Indy 500.

Every sub has its name. The Hoagie refers to the popular deli sandwich, also called a submarine. The word "hoagie" derives from overstuffed sandwiches eaten by shipbuilders on Hog Island, according to Stanton.

Naming the sub was the easy part. Training sore muscles to propel it faster and faster was the hard part. All the tortuous hours have now come down to a do-or-die week's competition in Florida. The various contests include two races.

The first race is a 100-meter dash against the clock. The underwater sprint only takes four minutes, but towing each sub into position can take hours.

The second race is a 400-meter, two-lap event pitting one sub against another.

Some subs never make it to the starting line. Teams must tow their entries through ocean breakers and over a sandbar before the crew goes inside.

In the race, performance depends on design, an important decision back in the drawing board stage.

"The torpedo design has been around a long time so there must be something to it," Stanton explains MU's choice. "A study found that the smaller the front area, the faster the sub goes."

Next, the hull material is selected.

The team had planned first to use a combination of fiberglass and Kevlar. But fiberglass requires layers of resin and glass and much sanding, and it can be as brittle as an eggshell, says Erickson.

A better mousetrap—the polycarbonate hull—was suggested by Chris Bartush. His father, Felix Bartush '67, a former industrial arts major, uses polycarbonate to make signs for his Bartush Signs of Orwigsburg.

"I've brought home some weird ideas before," Bartush says, "but my dad got really excited about this project. He said he wished he could have done this when he was in school."

Felix Bartush wanted to build a large oven to prepare polycarbonate to make larger signs, but he lacked the manpower. This spring, he struck a deal with the MU sub team. They would help him build the oven and he would let them use it to construct their submarine.

To make the 3/16-inch hull, students first built a mold out of material they scrounged and recycled. An old sign pole became the backbone. Homemade two-by-fours became the skeleton. And plywood from old shelves formed the skin. The students spent \$3.35 on nuts and bolts. The finished mold was shaped like a torpedo split lengthwise in half.

On April 6, the MU crew hauled the sub to Orwigsburg, Pa., for the molding of the polycarbonate. On hand was a photojournalist from *Popular Science* magazine, which plans to include Millersville in an article on the submarine races in its July (current) issue.

In the newly built oven, students heated a large sheet of polycarbonate and drew it down over the mold. To set the plastic, they created a vacuum, sucking out the air much like the process of blister packaging. The plastic set in just five minutes.

Then the hull was "straight, smooth and ready to go," Stanton says.

"Water runs off it like off a greased duck," adds Erickson.

The material is lighter than fiberglass, creating less drag underwater and making life easier for the eight students who will have to carry the sub from its trailer to the ocean.

The Hyzod brand of polycarbonate has been donated to MU by Sheffield Plastics, Inc. in Sheffield, Mass.



Chris Erickson fits the center hatch into the submarine hull.

The team repeated the procedure to make the other half of the sub. Then they fastened the two halves together with screws. Polycarbonate also was used for other parts of the sub.

The unique construction process should give MU an edge in the sub races, team members believe.

"We're the only ones who can mass produce a water vehicle," Bartush says. "We're playing with the idea of making a canoe out of it."

"We stand a good chance of winning for cost effectiveness and innovation," adds Stanton. "The technology to vacuum form a hull like this isn't that common."

For the next step, designing a propeller, the team turned to outside help. Voith Hydro, a German company with offices in York, Pa., makes turbines for hydroelectric plants. And it designs propellers.

Two Voith engineers donated their time and expertise to design a suitable propeller for The Hoagie. They gave the technical drawings to the MU team, which set about building a submarine propeller. The propeller is encased in a duct for maximum efficiency.

Efficiency is crucial when the only power source for a vehicle is a human being pedalling underwater and breathing through scuba gear.

The Hoagie can reach a speed of five knots, Hauck estimates. The propeller can turn at a rate of 80-100 rpm and the human engine generates between .2 and .3 horsepower.

Another feature unique to the MU sub is arm power. To increase power output by about 10 percent, the human engine will pump both foot pedals and rods he pushes back and forth with his arms. That little bit of extra power may win a sprint. And forward motion would not stop completely if the crew member is stricken with a leg cramp.

Who has the right stuff to crew the Hoagie?



*Student Allen Stanton with the CAD/CAM blueprint of the finished sub, the Hoagie.*

Millersville has three two-person crews. Propulsion crew members are generally male, about 6 feet tall and bicyclists or other athletes in good physical condition. Pilots are often female, 5 feet tall and agile.

To find out how much air the power crewman needs, the team sunk a bicycle machine, donated by Weslo Proform Corp. in Utah, into the MU pool. Crew members in scuba gear prepared for

the races by pedalling laboriously at the bottom of the pool.

"We know it's strenuous," understates Hauck. "Running underwater is used as a form of strength training for race horses."

To reduce the feeling of claustrophobia inside the sub, the hull is clear plastic and internal parts are painted bright yellow, Hauck says. The clear sub should travel faster than a painted one, he believes.

Hauck has considered various aspects of maneuvering in sardine-like quarters.

"NASA spent a lot of money preparing people for weightlessness. We wanted to prepare our crew for the problems of being confined in a small space," he says. "We don't want any surprises."

**T**o make a Hoagie a home, the crew practiced getting in and out of the sub as early as April and continued through May.

One feature of the sub that helps the crew psychologically as well as providing an extra measure of safety is the underwater communication system. This "dream feature" includes a face mask with microphone that enables crew members to talk to the surface team.

Each crew member also has an air gauge and regulator. The navigator has a compass, a depth gauge and an artificial horizon that shows which way is up.

Being able to talk to teammates will "keep the crew strong," says Erickson. "It will keep the pedaller from panicking when he's trying to suck air. Knowledge is power."

Another safety feature is the dead man switch. If, during the race, a crew member passes out or hyperventilates, he or she simply lets go of the switch to send an emergency buoy to the surface.

In May, the team took The Hoagie from the MU pool to the seashore to see how the sub performs when buffeted by ocean currents.

Then the sub was taken by trailer to Riviera Beach, Fla., where Hauck reserved rooms for the 10-member team at a Howard Johnson's.

Is the MU team excited about the races?

"Sometimes you can't sleep at night," says Bartush. "You wake in the middle of the night with an idea," adds Stanton.

"I can see this as a capstone experience," Hauck says of the submarine races' role in his students' education at Millersville. "Many of the students have had classes dealing in similar materials and skills.

"Now, they have taken those skills and solved a problem they never encountered before." 🍀

## War Stories: Three Soldiers *By Karen K. Boyd*

### Too much rain, too little sleep, but lots of MU mail

**M**aj. Tom Mills '70 survived 23 air missions in 25 days during the Persian Gulf War thanks to his training and U.S. military preparedness.

He survived the loneliness far from home thanks to nearly 100 letters from Millersville University students and personnel sent to his base.

"It was a great feeling to see those Millersville envelopes coming through," said Mills, 42, a former MU industrial arts major.

Addressed to "any serviceman," letters from area schoolchildren (including valentines from his son's second grade class), cub scouts, girl scouts, businesses and church groups arrived daily for Mills and his crewmates.

"The U.S. television reports I viewed in Saudi Arabia didn't include all the flags and yellow ribbons I saw when I returned home," Mills said. "We heard inaccurate news and news about war protesters. It was the mail that gave us real encouragement."

The Lancaster alumnus has been a reservist with the Air National Guard since 1970. He has gone on more than 40 missions—once with only six hours notice—to Korea, the Caribbean, the Pacific Islands, Europe and Panama.

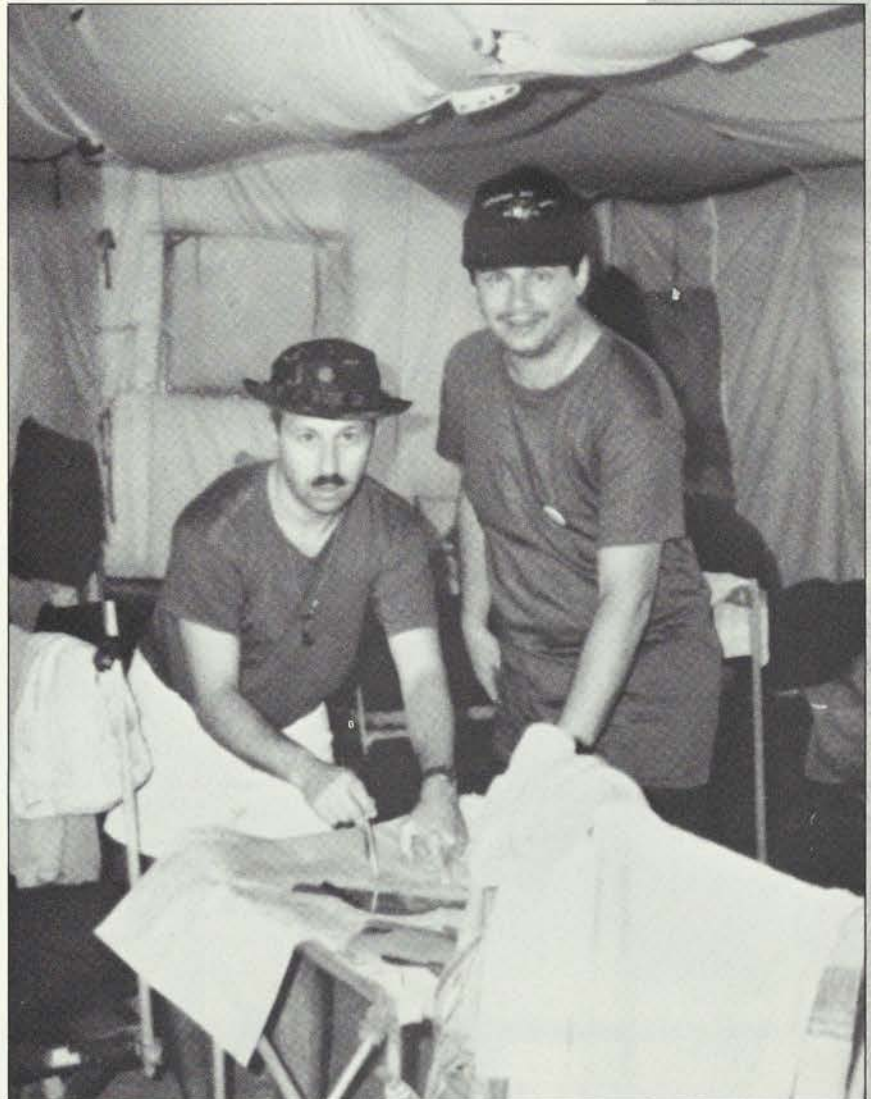
"Operation 'Just Cause,' involving the attempt to overthrow Manuel Noriega in Panama, was over in three days," Mills noted. "In the Persian Gulf we were up against the fourth largest army in the world. It was the most intense combat action I've been involved in. The dangers were greater."

Mills volunteered for duty and arrived in Saudi Arabia January 12 with the 193rd Special Operations Squadron. War broke out four days later.

"I trained in Arizona and I was used to the desert. I had lived in tents before. But I didn't expect to bail water two inches deep out of the tent the first three days I was there. We arrived during the rainy season," Mills said.

No sooner had the tents dried than the marathon flight missions began.

"Our day ran from 12 to 17 hours. Then we'd



try to sleep so we would be able to perform our best the next day. Not doing your best could mean you wouldn't be coming home," Mills said.

When the long flights were over and Mills could finally go to bed, he was then awakened—23 times—by air raid sirens.

"We had three minutes to get into our chemical warfare gear and get to a bunker," he said. "We never knew if the missiles would carry chemical warheads or not."

*Maj. Tom Mills (right) plans a flight mission with a fellow navigator inside their tent.*

*“My wife and children were watching and wondering if it were my plane that went down. The bad part was that the media never did admit they had made a mistake.”*



*Tom Mills flew missions in this EC-130 electronics aircraft.*

Another uncertainty was the length of his tour, Mills said. Normally, he would serve 30 to 40 days and be replaced with another reservist. But during the enormous troop buildup in the Persian Gulf, the military was prepared to keep reservists on active duty as long as six months.

The danger of being shot down in the air, or being attacked by Iraqi missiles while on the ground, was a constant threat.

“There was a lot of shooting in the air. Everything was lit up. It looked like the Fourth of July,” Mills said. “The Iraqi anti-aircraft missiles knocked down relatively few planes, however. They did more damage on the ground when they missed their air targets and exploded in civilian areas.”

Mills’ unit of about 180 soldiers included four women and a wide assortment of professions.

“We had a surgeon from Florida, engineers from Harrisburg and Philadelphia and a Philadelphia schoolteacher. Ages ranged from 20 to 60.”

Because his unit was confined to base and waking hours were spent on flight missions, Mills didn’t see much of Arab society while he

was there, although he did hear the sirens for Moslem prayers going off. However, on the same base were soldiers from Britain, France, Saudi Arabia, Kuwait and other countries.

“In an interview, a Frenchman was asked if we were having a language problem on base,” Mills said. “The Frenchman said that we all seemed to be communicating pretty well—but, come to think of it, the and Brits and the Americans did have some trouble.”

Mills said he was disappointed in the way U.S. radio and television covered the war.

“The news media seemed more concerned about their own ratings war,” he said. “Some of the inaccurate reports caused hardships on families back home.”

For example, Mills was navigator in an EC-130 electronics aircraft, whose missions are classified. When an AC-130 gunship plane crashed, killing 14 crew members, the media reported that an EC-130 had crashed.

“Of course, my wife and children were watching and wondering if it were my plane that went down,” Mills said. “The bad part was that the



media never did admit they had made a mistake. Overall, I'd say the BBC was the most accurate."

After 39 days in Saudi Arabia, Mills was given the option of going home. He took it.

"We landed in Middletown and saw banners, balloons and flags. People had cold beers waiting for us. In Saudi Arabia, no alcohol is permitted because Moslems don't drink it."

Even better than beer were the hugs from his wife, parents and sisters.

"My first night home, someone offered to keep our four children so my wife and I could be alone," Mills said.

The returning soldier arrived on a Friday. Monday morning he was back at work as emergency road manager at the Lancaster Auto Club.

"Winter is our busy season, so there was a tremendous amount of catching up to do," Mills said.

Mills had also opened his own business, Monograms Unlimited, at Park City shopping center only a month before he shipped out to the Persian Gulf. There was plenty of catching up to do at his new store as well.

Looking back on his experience in Saudi Arabia, he still remembers the waterlogged tent, the long hours of flying and the spectacular view of the war from the air.

But, most of all, he remembers the mail.

"I really enjoyed the letters written by my son's second grade class. They were humorous and had all kinds of misspellings. The kids drew tanks and bombs. I'd pass the letters around.

"One kid wrote, 'I'm not worried about you because only the bad guys get killed.'"



## Chaplain helped soldiers face death in MidEast

*Capt. Linda Leibhart at her camp in northern Saudi Arabia.*

**L**inda Leibhart '74 received a solicitation letter from her alma mater last winter. She wrote on the return card:

"Dear MUP,

"Sorry I cannot help you out just now. As you can see by the address on the flip side, I am not at home in the United States. I am a poor soldier in the sand box here in Saudi Arabia. I am a chaplain in the 101st Airborne Division, a very historically distinguished Army division.

"I am the first female Episcopal priest in the U.S. Army and I travel about as far north in Saudi Arabia as the U.S. has troops.

"Please keep myself and all our troops in your prayers. Pray for peace . . ."

Now back home at Fort Campbell, Kentucky, she believes the war was mercifully short thanks to "the prayers not only of people in the United States, but throughout the world."

At Millersville, the secondary education/history major was active in an Episcopal group on campus. After graduation she heard "that history teachers were a dime a dozen," so she worked as a nurse's aide for three years. Then she made the

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**“A lot of young troops never expected to risk their lives. I counseled hundreds and hundreds of kids who wanted out.”**

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decision to attend Virginia Theological Seminary and was ordained as a priest. She served hearing-impaired congregations in Hanover, Pa., then signed up as an Army reserve chaplain. A few years later, she went on active duty status.

“I think my decision to become a chaplain went back to a course in seminary,” Leibhart says. “We debated whether chaplains should serve the military. I felt strongly that they should. Everyone should have the opportunity to be ministered to no matter what kind of life they have chosen.”

When her unit found out last August they were being deployed within a month to the Persian Gulf, her job suddenly became overwhelming.

“A lot of young troops signed up for the educational benefits or because they didn’t have a job in civilian life. They never expected to risk their lives. I counseled hundreds and hundreds of kids who wanted out.

“Although I felt nervous about going to war, I realized I had made a commitment when I signed up.”

Leibhart arrived in Dhahran, Saudi Arabia on September 14.

“The first thing that hit you was the 120-degree heat,” she says. “The humidity was incredible because we were near the coast. We forced ourselves to drink six bottles of water a day to avoid dehydration. From about 10 a.m. to 3 p.m., if you tried to work, you might pass out. For soldiers who had to drill in chemical gear, with heavy suits and airtight masks, the heat was almost unbearable.”

Fear of a chemical weapon attack was a constant companion, Leibhart says.

“We knew the war had the potential of being an all-out holocaust. We had endless chemical alerts. We would be awakened in the middle of the night and wonder if this were it.”

And yet, the fighting wasn’t as bad as the long, pre-war months of waiting and wondering, Leibhart says. “Morale would get low. Helping others was hard when I had to work on my own morale.”

Each night, Leibhart heard the fighter planes taking off and turning sharply right in routine maneuvers.

“After awhile I got used to the noise and wouldn’t wake up completely. Then one night I heard a plane take off and it didn’t turn. It headed straight north [toward Kuwait]. Then a second, third, fourth—more and more—and all headed north. I knew then the war had begun. It was a tremendously eerie feeling and one I will never forget.”

Leibhart’s job was not to do battle against the enemy. It was to take care of her unit. Three chaplains served 3,000 troops.

“We tried to help people straighten out problems back home. Someone needed power of attorney or a person to pay bills or someone to take care of young children. Women in the service have special problems. It’s hard to leave a six-week-old baby when you don’t know if you’re coming back.

“When the Red Cross informed us of an emergency back home, we tried to influence the commander to grant an emergency leave for the soldier.”

Finally, the war was over and Leibhart returned to Kentucky.

“The first thing I did was walk barefoot on the grass,” she says. “It felt wonderful.”

## Living with Arab officers included festive ‘goat grab’

**F**or Lt. Col. Bill Davis ’72, decorated commander of the 2nd Battalion, 5th Special Forces, fighting the Persian Gulf War was “just doing my job,” he says.

Based in northern Saudi Arabia, Davis’ men carried out surveillance missions along the Saudi-Kuwaiti border, trained and fought with Arab coalition forces, conducted reconnaissance missions behind enemy lines in Iraq, and helped liberate Kuwait City.

Davis arrived in Saudi Arabia in September 1990 to temperatures as high as 125 degrees. He lived with his Arab counterparts (high-ranking officers) in tents and ate goat, camel, rice and tea.

“We were invited to a ‘goat grab’ by some Arab officers,” Davis says. “That’s an honor. Arab hospitality is very generous. They served us a goat’s head surrounded by rice. We pulled off pieces of meat and scooped the rice up by the fistful. You never leave a goat grab hungry.”

As a member of the Special Forces (also known as Green Berets), Davis is “area-oriented and language-trained.”

“We worked with Saudis, Kuwaitis and Egyptians. We knew the various dialects of Arabic. The Arab officers felt more comfortable when we could talk in their language.”

Training also included Arab customs, Davis said.



"You never touch an Arab with your left hand, that's the one they use for sanitary purposes. (There's no toilet paper in the desert.). You never make the "OK" sign with thumb and forefinger because that's the symbol for the evil eye in their society.

"You never interrupt Moslems during their five prayer times each day.

"You also respect the Arab sensitivity about losing face. If you need to get on with a project and their attitude is 'Inshallah' or 'God willing,' you never act so that they lose face. It takes diplomacy."

Once the fighting began, the coalition forces worked in close harmony, with surviving their missions their number one thought.

"In war time, things get very simple," Davis says. "You don't think about what clothes you wear. You think about life and death."

In fact, the discipline Davis learned under Coach Gene Carpenter, when he played flanker and defensive back on the '69-'71 Marauder football teams, formed the "roots" of his present lifestyle, he says.

"To survive the desert, you need to be physically, mentally and psychologically prepared. That was true playing football at Millersville. Coach has been very close to me since my father passed away in 1978."

The Southhampton, Pa., native majored in secondary education and history. He taught high school history during a respite from the Army in 1981 and plans to teach again when he retires.

Davis left the Middle East in March and is stationed at Fort Campbell, Kentucky. He drove up to Millersville recently with his wife, Susan, to show her the campus and to visit Coach Carpenter.

"The first thing I did when I got here was to go to the stadium," Davis says. "I have a lot of memories there. My days at Millersville were fun days. They were great days." 🍷



*Lt. Col. Bill Davis made a recent visit to MU to see his former football coach, Dr. Gene Carpenter.*

## TURN ON, LOG IN TO COMPUTERS

The computer boom is changing life on campus at Millersville.

By Bonnie Szymanski

**I**n case you haven't heard, we're in an information boom. Everybody wants to get his/her fingers on the keyboard of a computer.

Access. That's the ticket. We want to access every bit of information that exists on a subject. Process. We need to be able to process words, move paragraphs, delete whole pages without once dipping into the white-out.

Spread sheets. Data bases. Mainframes. The words trip off the tongue. Software. Hardware. Log in here. Log out there. It's an Alice-in-Computerland world of computer-ese, and if you don't speak the language, you're likely to be as confused as the Mad Hatter. And, in many cases, White Rabbit-late with class assignments.

In keeping with the evolving direction of the University's computerization policy, the library went on-line this spring with its public card catalog. According to Evelyn Lyons, automation coordinator, the move to computerized cataloging was made none too soon.

"Entering freshmen almost all have some computer skills. They expect the University to have a computerized card catalog. We're proud to offer them this one," she says.

Lyons' choice of the system was based on recommendations from the library staff and computer services personnel. The system, Dynix, offers students more than a mere electronic card catalog.

"Our system is very easy. It tells you what to do every step of the way," says Lyons. "You don't have to know the exact title of a book to begin a search. Just key in a few subject-related words on any one of our 18 access terminals and a list of possibilities will appear on screen."

**I**n January, 54 MU student workers and dozens of volunteers put in a marathon three-week, bar-coding effort. During the first semester break of 1991, 226,000-plus books and other library materials were bar coded. And the task of coding continues.

Checking out books will soon be similar to checking out food at the supermarket. Bar codes on MU identification cards are scanned as are the bar-coded books.

"The person who does not want to use the computer will not find the library's newest acquisitions," says Lyons. "The card catalog has become obsolete. No new cards have been ordered since the middle of January."

For the herds of computer cowards still roaming campus, short tutorials on using the Dynix card catalog system are being offered by the library.

Microcomputers, also called personal computers, haven't been with us very long. The first commercial success in personal computers was reported about the mid-1970s, according to Dr. James Stager, associate vice president of academic affairs. Many companies refused to market them, believing PCs to be a short-lived fad.

Two years ago, there were only five computer labs on the MU campus. Rising student expectations and a growing University commitment to academic computing has raised that number to 14.

**T**oday Millersville University is a place where a new student can expect to use a micro-computer in more than one class. The academic computer labs offer classes and individual work stations in math, the sciences, education, foreign languages, industrial arts and other subjects.

Each lab is staffed by a student consultant familiar with the software used in the lab where he or she is assigned. Students are often introduced to the software in their classes, but when someone arrives with little or no computer skills, the consultants are on hand to offer help and training.

More than one case of computerphobia has

# RE-SOFTWARE-TUPPERWARE

been cured in the supportive environment of the MU labs.

Craig Beibel, a sophomore computer science major responsible for overseeing eight computer labs, says he has seen students so intimidated they seem "to be afraid the computers will self-destruct if they hit the wrong key."

One "cured" case of computer jitters is Craig's roommate, Scott Fabel, a sophomore French major. Scott's hostility toward computers melted away when he fell under their spell during a freshman English class in the Writing Center at Ganser. He soon became a student consultant in the Writing Center.

Scott recalls, "I hated computers before I came here. I tried to stay away from them. Now I know everything that's going on here." He knew enough to train students on the three software packages used in the Writing Center and enough to help out in another lab.

The Center gets its hardest use near the end of semesters, when papers are due. "On Sunday nights, students really cram in there," says Scott.

When it's time to write the paper or die, students begin to see just how friendly a computer

can be. After even the most reluctant ones have learned the ropes, "they always come back," Scott says.

Comfort with computers isn't limited to the traditional (read young) students. Non-traditionals (read mature) "catch on pretty fast too," says Mark Lindsay, consultant in the statistical programs lab in Ganser.

In the math and science departments, many students and faculty can't even remember a world without computer data bases, packed with the calculations and statistics that make life as a scientist worth living.

"We don't use them just for calculations, but also to do exploratory data analysis." That's easy to say if you're Dr. Robert Smith, associate professor in the math department.

"Computers are especially valuable on the elementary level because many students don't have the complicated math skills but they still want to use statistics," Smith says.

Guided workbooks are available for these students, who work through data changes in small increments until they begin to understand the process.

*Computer-shy students can find hands-on help at the Writing Center on campus.*



# ·PRINTER·BOOT·BUG·BYTE·

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*“Computers are our slaves.”*

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The math department may be more careful than other departments about integrating computers into its courses, Smith says. “Computerization cuts right to the heart of what we do.” Because the purpose of the department is to teach mathematical concepts and procedures, “we have to be careful about what we replace with computing.”

Nevertheless, when it comes to “crunching numbers,” computers in math classes are hailed for their gifts of saving time and freeing students from repetitive calculations. A calculation that once took half an hour now takes only a few seconds.

“Computers are our slaves,” concludes Smith.

In an entirely different setting, the art department uses computers to create works of art, often in brilliant color and with effects impossible in any other medium. (See front cover.)

**I**n MU’s industry and technology department, students and faculty are working with computers that perform procedures similar to those found in the world of high-tech manufacturing.

The department’s human-powered submarine (see page 6) was designed with the help of the CAD-CAM program (Computer Aided Design-Computer Aided Manufacturing). In other uses, the program produces a drawing which is transferred on disk to a computerized milling machine. The machine then manufactures the newly designed tool.

“We have some robots, too,” says Dr. Joseph McCade, assistant professor. That statement rarely fails to pique interest. Programmable Logic Controllers, the robots are called, PLCs to friends. But don’t expect a genial tin can named Frank. These robots are drones not android charmers. They’re microcomputers dedicated to industrial control, the “guys” that in the real world of industry and technology monitor and control manufacturing processes.

“About half of what industry does is by microcomputers,” says McCade.

Some I&T students are given the opportunity to dabble with artificial intelligence, using such sophisticated programs as voice synthesis, voice recognition and expert systems. In addition, a lot of computerized materials testing (collection and analysis of data) is carried out in this department. In the occupational safety and health classes, ergonomics testing is done by computer to measure performance stress levels in realistic industrial situations.

**T**he MU faculty is generally enthusiastic about computers and wishes they had even more than they do.

“The academic computing advisory committee supports a computer workstation for every faculty member,” says Dr. James Stager, who heads the committee.

More than a year ago the committee approved a loan program to give faculty members the opportunity for exclusive use of a computer for six months to a year.

A discount purchase program to help faculty obtain microcomputers is being coordinated through the University book store in conjunction with several vendors, according to Linda Suskie, assistant to the president for planning. She chairs the University’s computing policy council.

The campus’s computer services division was split in 1988. One group, under the direction of Khalid Chaudhary, serves faculty and academic programs; the other, directed by Tony Mor-dosky, serves administrative computing needs.

Chaudhary says his goal for academic computing is to involve even more faculty. “We need to demystify the use of computers.”

There are more than 550 academic computers on campus. The administration uses more than 300 computers to facilitate budgeting, student registration and financial aid, to name only a few such areas.

Budget computing is celebrating its 10th anniversary this year. It was one of President Joseph A. Caputo’s priority requests after arriving on campus 10 years ago as the new top administrator. He asked for a budget report and received it “done by hand with a quill pen,” he jokes.

**W**hat Alice-in-Computerland scenario is awaiting Millersville University? Will staring at blinking terminals drive us all as mad as hatters?

One likely scenario is that a campus-wide network of computers will be put into place. The wiring for such a network is installed routinely during any dormitory renovations.

When the campus network goes into effect (targeted for 1995), students with their own PCs will have access to any other computer on campus.

A student may log in on a typical morning and see a variety of messages waiting in her computer mailbox: “Hi, good-looking!” (from a male class-

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*“About half of what industry does is by micro computers.”*

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# MEGABYTE·DUCK·FRIENDLY

mate); "Your biology paper is a week overdue" (from her professor); "I need the \$10 you owe me" (from her roommate); "Your request, 'Biology Revisted,' is now available" (from the library); and even, "Please call your mother's computer!"

The network also may extend to other SSHE universities. That's the recommendation of the University's computer network task force, Stager says.

For all its advantages, networking will bring its share of headaches. Security is one of them. Secret passwords and access code restrictions will abound. Currently, security is continually updated to accommodate the information explosion stretching the University's data bases.

Much of that information is stored in the three mainframes in Boyer Computer Center. The computer labs store data in on-site minicomputers.

What was once considered an enormous amount of memory has already become obsolete. A new, larger capacity mainframe will be in operation in July, according to Tony Mordosky. Administrative terminals will be linked to this mainframe. Users should notice quicker response time.

**F**inally, for you readers who have been waiting to see if we would face up to the ultimate shortcoming of a computerized information network, here it is: *What happens when somebody pulls the plug?*

The answer is simple. The whole University will shut down.

"When a power outage shuts you down, you're handcuffed," says Mordosky. "This situation is not unique in institutions of higher education."

To minimize the chances of enforced down time, all computer maintenance is done after regular campus hours, says Mordosky. "Of course we can't predict someone's running into a utility pole," he concedes.

But in an information-glutted world, computer systems *do* access information faster and more accurately than the old system. Remember that one? Ragged-edged file folders jammed into metal cabinets taking up precious work space. Remember how long it took to *retype* papers?

So, come tumble down the rabbit hole like Alice.



Turn on, log in and drop out of the file folder era. That's for dinosaurs.

These days, computerization is the way an educational institution remains in the business of education. 🍷

*Going, going, gone...is the old card catalog system at Ganser Library.*

## Science program inspires teens

**F**or high school sophomore Heidi Nissly, the summer of '89 was very special. So special, in fact, Heidi wrote to Dr. Al Hoffman, MU dean of Science and Mathematics, and Ken Miller, associate professor of biology, to say "thank you for allowing me to participate in your wonderful Student Science Training Program this summer.

"When asked by relatives and friends what I did this summer, I reply that I isolated DNA from a Chinese hamster's ovary cells, inserted part of the DNA into a bacterial plasmid producing recombinant DNA, reinserted this recombinant plasmid into the bacterial cell and tested the results, which proved successful.

"Needless to say, the listeners were amazed that a sophomore in high school could have actually performed this feat, understood the process, and accomplished everything in only nine days.

"I really enjoyed Track III's Genetic Biotechnology course with Dr. [Carol] Hepfer, and I learned a lot."

**H**eidi is now a junior at McCaskey High School in Lancaster and is planning to become a science teacher herself.

"I took a lot of science courses in high school but the summer program at Millersville gave me a broader view of the sciences and how they work together," Heidi says.

"Dr. Hepfer worked with a small group of five students. She taught us the right steps but also let us experiment on our own and ask questions. She gave us a lot of freedom. Then she would take us back to the beginning and explain why the experiment should be done in a certain way."

Unfortunately, this summer no students will have the benefit of small group work like Heidi did. The advanced Track III program, expensive due to the need for more faculty, has been eliminated for the time being.

"We're continually searching for funding for Track III," says Miller, program director. so far we haven't got it."

What Millersville does have is the Track I and II programs for junior high school students. Heidi Nissly got hooked on the program the year it started, 1987, when she was entering eighth grade. Her 15-year-old sister, Tammy, also has participated in past years.



Heidi Nissly

"I've worked with lasers—seeing, with special equipment, what different strength lasers could do," Heidi says. "I experimented with superconductivity by floating an object above a magnet with space in between. But the DNA experiment was my favorite. Growing cells that could live on their own was very exciting."

**T**he science and math workshops for academically-talented students run three days a week for three weeks each summer. Last year, nearly 50 students were selected for the program by a team of MU faculty and administrators and secondary educators on the basis of an application and letter of interest from the student and teacher and guidance counselor recommendations.

This year's program runs July 9-25. The program is co-sponsored by the School of Science

and Mathematics and the Office of Extended Programs. Students use University facilities and are taught by MU faculty.

First-time students enter Track I where they may sample "Robotics," "Insect Endocrinology" or "Geology Field Trip to Antracite Coal Region." When students return for a second or third summer, they may take Track II's "Optics and Lasers," "Synthetic Polymers" or "Infinity Math," to mention only a few of the courses offered in each track.

Students pay a \$200 fee for the summer, which includes all materials, lunches and field trips. A few scholarships are available.

The program goals are to stimulate interest in science and math, says Miller, and to provide role models and career information in those areas.

Another goal is to find Track III funding to enable talented youngsters like Heidi Nissly to experience exciting summers like the one of '89.

*"The DNA experiment was my favorite. Growing cells that could live on their own was very exciting."*



*Dr. Carol Hepfer (rear) leads a Track II group in an experiment similar to what criminal investigators do to identify DNA found at the scene of a crime.*

## OF ALUMNI INTEREST

### William Flaharty '24 receives service award

This year's Distinguished Service Award was given to Dr. William H. Flaharty, Lancaster, Class of 1924. The award was presented on June 1 during the 1991 Alumni Day luncheon.

After earning a master of education degree from Rutgers University and a doctorate in education from Columbia University, Flaharty worked 21 years in the field of public education. He retired in 1970 as deputy state commissioner for education in Connecticut.

Flaharty has served with many national education and local community organizations. He also has been an active volunteer for the Alumni Association, serving on the Alumni Council from 1974 to 1989 and, later, on several alumni committees.

The Distinguished Service Award is presented annually by the Alumni Association to alumni who bring honor to themselves, the University or to the Alumni Association.

Flaharty also has been an active volunteer for the Alumni Association, serving on the Alumni Council from 1974 to 1989 and, recently, on several key alumni committees.

The Distinguished Service Award is presented annually.

### Football in Florida

Mark your calendars! On November 16, the Marauders travel to Orlando, Fla. to play the University of Central Florida. With many mid-Atlantic alumni also traveling to Orlando for the game, Florida alumni are encouraged to plan a reunion weekend to catch up with former classmates and old friends while enjoying MU football action.

Alumni events and travel plans will be announced in late summer. If you would like to help plan game-related events, please contact the Alumni Programs Office at Millersville University, Millersville, PA 17551-0302. Or phone (717) 872-3352.

### Financial aid advice offered on campus

A free seminar on college financial aid, presented by college and university financial aid officers and regional bank representatives, will be held on campus Saturday, October 19.

Designed for prospective college students and their parents, but open to all interested persons, the seminar is scheduled for 8:45 a.m. to noon in Lyte Auditorium.

Topics to be covered include: completing financial aid forms, how financial need is determined, student/parent educational loans, private sources of financial aid, federal student aid programs, academic/athletic scholarships, state financial aid programs, and student employment opportunities. Bank representatives will discuss funding sources.

Though admission is free, those who want to attend should register in advance by calling 872-3026 on or after September 15.

*At right are several of the 30 alumni who attended a Gold Coast Branch luncheon in March in Palm Beach Gardens, Fla.*





## Fellows program praised as success

The Alumni Fellows Program, a series of one-day, on-campus programs for students and faculty, has been a great success during the past year.

Launched last fall, the program featured six distinguished alumni, each of whom has hosted a day of activities in the department in which he or she majored. The activities ran from 9 a.m. to 4 p.m. and included classroom talks, meetings with faculty, and presentations of certificates of appreciation to the hosting Alumni Fellow.

The Fellows, which are designated by the Alumni Association's Career Planning and Placement Committee, have been well received by students and faculty alike. And the Fellows themselves say they find the day's events most rewarding, both academically and socially.

Fellows who have conducted one-day programs include: Allon Lefever (economics), '71, vice president, Affiliated Companies, High Industries, Inc.; Mark Noll (earth sciences), '81, staff geologist with Dupont Environmental Services; Joseph Geesey (sociology/anthropology), '70, captain, Lancaster City Police Department; Phyllis Hay (social work), '77, nursing home administrator and professor in the social work department at Alvernia College; H. David Rosenfeld, (physics) '88, a Ph.D. candidate at the University of Pennsylvania; and Laura Hart (communications/theatre) '87, president and founder of Emerald City Productions, Inc., New York City. Emerald City is a management company representing musicians, comedians and novelty performers.

## Make Plans Now! HOMECOMING 1991 Saturday, October 12

Look for exciting football action when the Marauders meet the East Stroudsburg Warriors. Mark your calendar now and return to MU for a celebration that includes:

- Academic Department and Student Organization Reunions and Open Houses
- Jazz 'n Cider on Byerly Lawn
- All-Alumni Picnic
- Family and Children's Events
- Friday Night Kick-Off Bonfire and Pep Rally
- Career Planning and Placement Open House
- Reunion Activities for the Classes of '56, '61, '66, '71, '76, '81 and '86
- Dances, Movies and Athletic Competitions

**Watch for your Homecoming flyer in August!**

## New student research grants awarded

Thirteen Millersville University students recently received Neimeyer-Hodgson Research Grants, awarded by the Alumni Association to assist with the costs of research projects. The association awarded nine grants last November. The recent awards ranged from \$100 to \$400 and totaled \$3,200.

The students and their projects are: Suzanne Butler of East Petersburg, chemistry, to synthesize new molybdenum nitrite and nitrate complexes; Jennifer Detrich of Langhorne, chemistry, to determine the kinetic parameters of the redox reaction at a tin-doped indium oxide surface.

Also, C. Fred Heavner of Millersville, biology, to examine the effect on microscopic organisms of sewage, fertilizers, and other additives to ponds and lakes; David Henriques of Warrington, psychology, to investi-

gate whether occasional exercise is significantly strong enough to positively influence emotional well-being, especially tension, fatigue and emotion.

Also, Maria Hoehn of Lancaster, history, to investigate how the German understanding of freedom in the 19th and 20th century shaped the German women's movement; Patrick Market of Lancaster, meteorology, continuation of a project which was funded in fall 1990 to determine the causes of tornadoes in the mid-Atlantic region.

Also, Edwin Schock Jr. of Pottsville, secondary education history, to examine ties among Oxford alumni and their differences from each other and from the Cambridge alumni; Linda Seitz of York Haven, biology, to study the effects of predatory nest violations on birds, particularly migratory song birds.

*cont. on page 24*

## FROM THE BRANCHES

**Lancaster County** - Lancaster County alumni will travel to Annapolis, Md., for a Walking Tour and the historic city's annual Seafood Festival on September 7. Watch your mail for a flier in July. Lancaster alumni joined Bucks County and Philadelphia alumni for a Night at the Phillies on June 22.

**York County** - Two events were held for York County in the spring. On April 5 more than 100 alumni met at Rutters Restaurant for the annual York Branch Dinner. York alumni attended a performance of the Turtle Island String Quartet on April 13 at the Strand Capitol. Newly elected officers are: Joseph Seitz '50, President; Eric Sandblade '65, Vice President; Wilma McCleary '60, Treasurer. The Branch Steering Committee met in May to plan events for the 1991-92 school year.

**Philadelphia** - The Philadelphia and Suburban Branch held its annual dinner meeting at the Springfield Country Club on April 19. Officers elected for the 1991-92 year are William J. Wilkinson '34, President; Joseph I. Rubin '51, Vice President; Karen P. Gordon '70, Secretary; Charles Benshetler '49, Treasurer. Branch alumni connected with those from Lancaster and Bucks Counties for a Night at the Phillies on June 22.

**Harrisburg** - Harrisburg Area alumni and their families met for their annual Day at the Senators Picnic and Baseball game on City Island on Sunday, June 2. The Harrisburg alumni Steering Committee is once again seeking members to help plan local events, as well as join service committees of the Alumni Association which support the University. Volunteers are asked to phone their branch contact or

contact the Alumni Programs Office on campus at 717-872-3352.

**Bucks County** - The Bucks County Annual Dinner scheduled for April 12 was canceled due to a human error, as well as computer program error which resulted in many Bucks County alumni not receiving their invitation. The event has been postponed until September, with fliers being mailed during July. Bucks alumni did join Philadelphia and Lancaster County alumni for a Night at the Phillies on June 22.

### Student grants

*Cont. from page 23*

Also, Ronda Anne Shepherd of Lincoln University, sociology, to determine cross-cultural similarities and differences between alcohol consumption attitudes and behaviors among university students in the United Kingdom and the United States; Susan Stallings of Mechanicsburg, education, to examine the career aspirations of gifted high school girls in rural and suburban school districts to determine what effect rural education and traditional sex-role attitudes have on these aspirations.

Also, Marna Trowbridge of Ephrata, sociology, to assess the degree to which local emergency managers believe in the disaster mythology, and to identify those myths most often believed.

Also, William Welch of Lancaster, chemistry, to develop a one-period laboratory experiment in chemical analysis that uses the techniques of multiple headspace extraction and gas chromatography; and Thomas Waters of Blue Bell, history, to gather existing information on the Millersville Normal School during the Civil War.

## Branch Contacts

Interested in helping to plan branch events for alumni in your area? Do you need information about branch activities in your community? Would you like to know about Alumni Council committees that you might want to join? Call the following contact people in your geographic area. They will give you the information you need or pass your request along to the Alumni Programs Office on campus.

### Bucks County

Dr. Dominick DiNunzio  
37 Underwood Road  
Levittown, PA 19053  
(215) 946-5294

### Florida Central & East Coast

Robert Zellers  
902 Brookedge Avenue  
Port St. Lucie, FL 39483  
(305) 340-0031

### Florida Suncoast

Florence Wileman  
2340 Grecian Way #26  
Clearwater, FL 34623  
(813) 796-1301

### Lancaster County

Cynthia Pagotto  
414 Fremont Street  
Lancaster, PA 17603  
(717) 291-1554

### Philadelphia and Suburban

Bill Wilkinson  
30 Greenhill Road  
Springfield, PA 19064  
(215) 543-1928

### York County

Joseph Seitz  
211 Forest Hills Road  
Red Lion, PA 17356  
(717) 846-6789

### Harrisburg Area

Jane Schroeder Dalton  
1027 S. Cameron Street  
Harrisburg, PA 17104  
(717) 236-0481

# CLASS NOTES

## Pre 1950s

**Edith Keller '31** was featured in an article in the Lancaster *Intelligencer Journal* recently about her retirement hobby of writing poetry books.

**Benjamin Funk '34** and his wife **Frances Funk '63** were featured in an article in the Lancaster *New Era* concerning their 50th wedding anniversary celebrated on Christmas day, 1990.

**Dr. Walter B. Waetjen '42** received the 1990's Distinguished Alumni Award from the University of Maryland where he received his Ed.D. degree in 1951.

**Jane L. Keller '48** retired in June after working 42 years as a school librarian.

## 1950s

**G. Allen Eckert '51** is a broker for Colonial Realty, Lancaster.

**Betty L. Skiles '51** retired in 1990 after teaching kindergarten for 29 years in the Octorara Area District.

**Dr. Donald A. Vannan '52** retired from Bloomsburg State University on January 11 after teaching 29 years. He taught in elementary schools in Maryland and Pennsylvania for seven years.

**Virginia Loewen '54** was featured in "Centre Profile," a column in the *Centre Daily Times*, State College.

**William R. Fisher '54** was featured in an article in *The Hershey Chronicle*, Elizabethtown, about his retiring as president of Milton Hershey School, a position he held since 1985.

**William Romans '57** is currently a doctoral candidate at Widener University.

**Lawrence W. Large '58** was featured January 13 in the Lancaster *Sunday News* in an article dealing with his retirement as educator and principal of Manheim Township Middle School.

**Arthur R. Umstead '59** retired June 30 after 31 years teaching industrial arts at South Brandywine Middle School, Coatesville.

## 1960s

**Gloria M. Barnhart '61** retired in 1986 as a school nurse in York Suburban School District after 27 years. Since then she has been appearing in community theatre in York and regional dinner theatre as a character actress.

**Jane L. S. Davidson '61** was instructor of a genealogy course at the Lancaster County Historical Society in February. Her postgraduate work was done at Elizabethtown College.

**Michael F. Romaine '61** is president of the Zale Foundation in Dallas, Texas, and has also started Romaine & Associates, which operates a child care center.

**James H. Elder '62** was mobilized with the Reserve Naval Mobile Construction Battalion 23 (Seabees) and served as the Charlie Company Operations and Safety Chief on Guam in support of Operation Desert Shield.

**Dr. Elizabeth Brabson Chang '66** has been appointed to the Commission on Higher Education of the Middle States Association of Colleges and Universities. She chairs the mathematics and computer department at Hood College.

**Paul H. Kerper '66** is manager of National Account Sales Bearings, Inc.

**Mary Jane Hood Weidenbach '66** is presently a women's advocate at a shelter for battered women and their children.

**Dorothy Borst '67** has been appointed librarian for the Spring City Library.

**Dr. Robert G. Goehrig Jr. '67** presented a talk in January at St. John's Lutheran Church, Lancaster. He is a vice president at Lutheran Theological Seminary at Gettysburg.

**Dennis McDonald '67** is a Boeing 737 captain with Continental Airlines. He recently returned from Egypt where he was doing research on the unfinished pyramids in the Valley of the Kings.

**Barbara E. Straub Olsen '68** and **Donald H. Olsen '75** (M.S.) have written two 128-page fishing books. The Delaware Bay Fishing Guide in both Delaware and New Jersey editions is designed as a handbook for anyone fishing the Delaware Bay.

**Anthony F. Zaya '68** appeared last summer in a British Broadcasting Corp. documentary on timber framing. He is the owner of Woodbutchers in Kirkwood.

**Gregory T. Donahue '69** was appointed recently to principal of the Ocean City Intermediate School, Ocean City, N.J. Previously he was director of special services in the Ocean City School District.

**Sarah Margaret Rhen '69** received her master's degree in elementary education from Shippensburg University in December.

**James T. Roland '69** has been named vice president, commercial lending, of the Fulton Financial Corporation, Lititz. He will retain his position of senior vice president, commercial lending, at the bank as well.

**Sandra Zerby '69** was a Lenten luncheon speaker at Grandview United Methodist Church, Lancaster. She is currently pursuing a Ph.D. in higher education administration from New York University.

## 1970s

**Margaret B. Green '70** has been promoted to director of compensation and human resources systems at Hershey Foods Corp., Hershey. She joined the company in 1983.

**Patricia Hammond '70** was selected to be listed in the 1st edition of *Who's Who Among America's Teachers*. She is a librarian in the Pennsbury School District.

**Jeff Hart '70** was selected for Woodrow Wilson National Fellowship Foundation Master Teacher Institute last summer.

**James W. Stitley '70** was recently promoted to divisional vice president, consumer and product research, at Domino's Pizza, Inc., Ann Arbor, Mich.

**Daniel Biemesderfer '71** received his Ph.D. in cell biology from Yale University on May 27. He is the grandson of Dr. D. Luke Biemesderfer, former president of Millersville University.

**Raymond E. Janifer Sr. '71**, assistant professor of English at Shippensburg University, was featured black history speaker at Grace Tabernacle 7th Day Adventist Church, Norris-town, in February.

**Virginia Brady '72** was featured in the "In The Spotlight" section of the Lancaster *Sunday News* recently.

**Mary Warner Burgess '72**, retired reading specialist with Lancaster-Lebanon Intermediate Unit 13, is working as educational consultant for colleges and school districts.

**Christine A. Green '72** received Big Sister of the Year award from Big Brothers/Big Sisters of Lancaster

County. She also received a Hero award given by Prince Matchabelli to 10 Big Sisters in the United States for work with Big Brothers/Big Sisters.

**Carol Herzog Goldfarb '72** of Springfield, Ill., has written three plays which were produced by the Mid-Atlantic Playwrights Theatre during 1990.

**David Smith '72** is currently teaching 5th grade in the Clarkston, Mich., school system.

**Barry Brubaker '73** was recently featured in an article in the Lancaster *Intelligencer Journal* about his activities as a wrestling coach at Columbia High School.

**Thomas Hafer '73** of Shillington has been named vice president of Green Hills Management Co. in Reading, a subsidiary of Gilbert Associates Inc.

**Dawn Marks '74** and her husband performed "A Musical Ministry" at Brunnerville United Methodist Church in January. She is an elementary music teacher in the Cornwall-Lebanon School District.

**Marjorie McNaughton '74** was the speaker in January for the Kiwanis Club of Lancaster on Habitat for Humanity. She is executive director of the Lancaster Habitat program.

**Suzanne Reed Braverman '75** owns and operates a children's bookstore, The Secret Garden, in Chestnut Hill, Philadelphia. She resides in Wyncote.

**Kathryn Mahler Emery '75** was appointed principal of Clay Elementary School in the Ephrata Area School District in January.

**James H. Frederick III '75** has been named director of group sales and marketing at Educators Mutual Life Insurance Co., Lancaster. He resides in Brownstown.

**Kenneth A. Keiser '75** has been promoted to senior vice president of the Bank of Pennsylvania, Reading. He resides in Shillington. Before his banking career he was a teacher in the Governor Mifflin School District.

**James N. Mueller '75**, a teacher at Buchanan Elementary School, Lancaster, was speaker in February at the Unitarian Forum on "Death Education: A Course in Schools?" He has authored a number of publications on the teaching of death and dying courses.

**Gerald Ready '75** (M.A.) is teaching in the German department at Indiana University of Pennsylvania.

**Richard Ressel '75** was featured in "Today's Guest" section of Lancaster *Intelligencer Journal* concerning his views of Catholic education.

**Janine Thomas '75**, a member of the Reading Symphony Orchestra, performed a recital with The Glynnellen Trio in January at Trinity Lutheran Church, Reading. She is clarinetist with the group.

**Janet Bryant-McIlhenny '76** has been promoted to assistant vice president of marketing for Great Valley Savings, Reading.

**Thomas H. Eshelman '76** received a master's degree in special education from Shippensburg University in December.

**Jeffrey L. Druce '77** has been named assistant vice president and marketing manager for Commonwealth National Bank's Rohrertown office. He joined Commonwealth in 1983 as a product analyst in marketing and formed their centralized customer service unit in 1984.

**Eugene J. Melody '77** is a senior partner with Auerbach, Melody & Cox Esqs. in Hazlet, N.J. He is also a part-time professor at Monmouth College and Brookdale Community College.

**Beth Myers '77**, Hughesville High School tennis coach, has been named Coach of the Year in the Middle States Division of the U.S. Professional Tennis Association.

**Gary Lee Palmer '77** married Denise Chhay on November 3. He is a

work adjustment counselor for the handicapped in Manassas, Va. The couple resides in Fairfax, Va.

## 1980s

**Mary L. Aiken '80** of Kennett Square received her master's degree from West Chester University on December 15.

**Claudia Blackburn '80** has been appointed by the Stefan Batory Foundation to establish the first in-patient chemical dependency program in Warsaw, Poland. Also, she has been promoted to executive director at the Caron Foundation, in Wernersville.

**Jenny Engle '80**, past president of the Central Pennsylvania Chapter of Women in Communications, Inc., has been re-elected vice president/finance to the national board of the chapter. She is director of communications and development for Goodwill Industries of Southeastern Pennsylvania.

**Carol Sue Hedges '81** and Karl

Ray Garman were married recently in Gettysburg where the couple resides. She is employed by Upper Adams School District.

**Carolyn Ronemus '81** recently accepted a position as an accountant with James S. Armstrong Associates in Williamsport, Pa.

**Robert E. Wilson Jr. '81** received his master's degree in educational administration from Shippensburg University in December.

**Leslie Adams '82** married Wade Pratt on May 12. She is a medical technologist in microbiology at St. Joseph Hospital, Lancaster.

**David Childs '82** and Suzanne Shepherd were married October 27 in Pittsburgh. He is a special education teacher at Delta School, and the couple resides in Norristown.

**Judy Cooper '82** earned her Ph.D. in biometry from the Medical University of South Carolina at Charleston in November. She is a bio-statistician for Ciba-Geigy Pharmaceuticals in Summit, N.J.

**Michael A. Hart '82** of West Chester is attending Temple Univer-

sity on a Russell Conwell Fellowship and working toward a Ph.D. in computer science.

**William M. Murphy '82** was recently hired as the branch manager for the Porter Cable Service Center in Philadelphia. He resides in Drexel Hill.

**Mary Colleen Middendorf '82** received her master's degree in psychology from Shippensburg University on December 15.

**Maureen McDonald Spanial '82** received her master's degree in elementary education from West Chester University on December 15.

**Capt. Sim B. Suter '82** was commanding officer of E Company, 2nd Battalion, 25th Marine Regiment serving in Operation Desert Storm.

**Laura A. Voigtsberger '82** received her master's degree in elementary education from West Chester University on December 15. She resides in Upper Darby.

**Kim Walters '82** is employed by ASI to manage environmental contracts at Aberdeen Proving Grounds in Belcamp, Md.

## FAMILY ALBUM

### Volunteer Grandma fills her life with love

She's 83 and walks with a cane but the children who lovingly call her "Grandma Hattie" often can't walk at all.

**Hattie Bubb Kisiner '26** is volunteer foster grandparent at the Marley Glen Special School in Anne Arundel County, Md. She's worked at the school for four years and hasn't missed a day in the past year.

She offers affection, care and attention to children such as Genevieve, 4, who has a rare brain ailment, and Elizabeth, 10, who lives in a wheelchair. Even a small gesture, like rubbing Genevieve's tummy so she can relax and breathe more easily, is appreciated by these multiple-handicapped children.

The Normal School graduate taught in a one-room schoolhouse in York County and later helped manage an appliance business with her husband. Her third career as a volunteer grandparent started when Hattie was in the hospital for a hip replacement. Her roommate told her, "You should be in the program. It would be good for you."

It's been good for Hattie and good for several children she helps feed, comfort and worry over each day.

"I love working with these children," says Hattie, who lives in Riviera Beach, Md. "I think about

what they are doing when I don't see them on the weekend. [On weekdays], the program gets me up and going in the morning."

The school staff believe Hattie is one of their special grandparents. "She has a lot of intuition and experience," says one staffer. "She once held up a bus trip to make sure a child was fed before they left," adds another.

The program offers Hattie special training, a small income, meals at the school and friendship with other foster grandparents. She gets a free physical, rides to the Marley Glen school and paid vacation days. The program is sponsored by the county's Department of Aging.

But what she gives in return is priceless. In recognition of her contributions, she recently was nominated by the school as one of Anne Arundel County's Most Beautiful People and received a citation from the county.

Modestly, Hattie shrugs and says, "I only do what the other foster grandparents do."

And, in case you're wondering, Hattie has six grandchildren and eight great-grandchildren of her own throughout Pennsylvania and Maryland.



**Jean Witt '82** received her master's degree in special education/early childhood from George Washington University in August. She is employed by Fairfax County Public School System in Virginia.

**Louise Ranck '83** was a judge for the Woman's Club of Ephrata's annual piano competition on February 2.

**Heidi Lynn Apa '84** was married to **Mark R. McDonald '84** in Camp Hill on March 2. She is a computer interface training specialist for General Accident Insurance Co., Camp Hill.

**Capt. Thomas D. Little '84** participated in Operation Desert Storm as commander of the Army's 15th Transportation Company.

**Robert McKenzie '84** is faculty advisor to radio station KSSB at Cal State, San Bernardino, Calif.

**John Policella '84** is owner of Top Blade Lawn Care in Margate, Fla.

**Daniel C. Takoushian '84** has been named assistant vice president at Continental Bank in King of Prussia.

**Scott A. Warden '84** resides in Tampa, Fla., and is a diagnostic sys-

tems specialist with Abbott Laboratories, Tampa.

**Capt. Steven Wickenheiser '84** participated in Operation Desert Storm as commander of the 1st Infantry Division. He commanded a field artillery battery consisting of 112 men.

**Sgt. Diane E. Yateman '84** graduated from a noncommissioned officer leadership school and is a command and control specialist at Hickam Air Force Base, Hawaii.

**Daniel Dimperio '85** is currently branch president of Fleet Finance, Inc., in Upper Darby.

**Edward M. Flick '85** is a 1990 graduate of Dickinson School of Law and is currently a law clerk for Judge Louis J. Farina, Lancaster.

**Lisa Greybill '85** is an elementary librarian in the Boyertown Area School District.

**Jere Kimmich '85** was featured in a January 27 article in the Lancaster *Sunday News* concerning his part-time employment as "Michaelangelo," Teenage Mutant Ninja Turtle. His full-time job is as an English teacher at

Cocalico Senior High School, Denver.

**Daniel R. Martin '85** is a social studies teacher at Lancaster Catholic High School.

**John J. Massaro '85** has been promoted to assistant vice president for human resource programs at Meridian Bank, West Lawn. He joined the company in 1985.

**Barbara Stacy Nash '85** of North Wales, Pa. received her master's degree in special education from West Chester University on December 15.

**Patricia A. Pitz '85** was married to Robert D. Foltz on February 16 in Lancaster. The couple lives in Mountville and she is employed by the York City School District.

**Basil Soutos '85** is a cost analyst with General Electric, Aero Space Division, King of Prussia.

**June S. Stephens '85** married Kevin L. Alderfer on September 22. She is employed by First Fidelity Leasing Group, Inc. The couple lives in Harleysville.

**Melissa Stine '85** was married to Stephen Raleigh on July 11. She is a teacher employed by the Clifton

Board of Education. The couple resides in Carlstadt.

**Wendy L. Orner Young '85** and **Douglas C. Young '85**, of Collingswood, N.J., have written several children's weather stories which have been published. Doug is a forecaster at the National Weather Service Forecast Office in Philadelphia.

**Jeffrey S. Barr '86** received his master's degree in business administration from West Chester University on December 15.

**Suzanne M. Baughman '86** and G. Scott Becker were married August 10. They reside in Dover and she is employed by WSBA/WARM 103 Radio.

**Glenn A. Beard Jr. '86** was ordained on May 20, 1990 and is serving St. John Lutheran Parish in Mt. Pleasant Mills and Richfield.

**Lisa M. Buohl Beard '86** is employed as a medical technologist at Geisinger Medical Center in Danville.

**Kevin P. Day '86** of Lansdale received his master's degree in elementary education from West Chester University on December 15.

## He gets them to the ballpark on time

**Phil Itzoe '60** has been bustling Baltimore Orioles into buses, onto planes, in and out of hotels and restaurants across the United States for the past 24 years. That makes him the senior road manager of major league baseball.

His official title is "traveling secretary." His job is to get 42 men and 3,200 pounds of equipment and luggage to the right place at the right time and have the right amount of money to make it all work.

A trip to Toronto, for example, may cost up to \$40,000. This season's travel expenses will top \$1 million.

But Itzoe is also concerned with the day-to-day needs of the players. He hands Cal Ripken Jr. his lunch money. A few times his hotel phone has rung at 3 a.m. and he's had to post bail for a former coach.

*Sports Illustrated* has called Itzoe "the very best . . . our choice for a dream team." Young boys often dream of becoming major league pitchers or batters—but not traveling secretaries. So, how did Itzoe find his niche?

"I never expected this to be a lifetime thing," he says. "While I was still at Millersville, I started writing sports stories for the *York Dispatch*."

After graduation, he became a full-time news reporter for the *Dispatch* in York, Pa. In 1963, Itzoe applied for a position with the *Baltimore Sun*. On a whim, he stopped at the Baltimore Colts public relations office to ask about a job. They referred him to the Orioles.

He was single then and free to travel wherever his job took him. Later, he was married and divorced. He raised his son, Josh, now 16, with some help from Josh's mother. Josh still lives with him, along

with Itzoe's present wife and baby daughter, MariaLisa.

Itzoe has survived a punishing schedule and a mountain of responsibility by keeping his cool. When asked how he does this, he replies, "I honestly don't know."

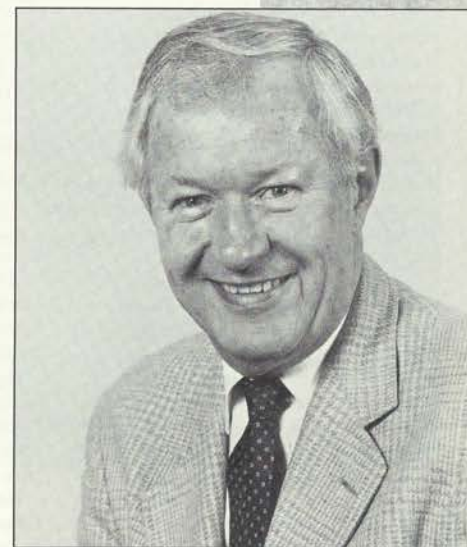
"After working with people all my life, I've learned that it really doesn't do any good to jump up and down and scream and holler. It doesn't help matters and it usually aggravates them. It's much better to remain calm than go berserk."

Maybe that's why Itzoe is no fan of New York City. "It's a hassle in the ballpark—people screaming and yelling," he says. "And I'm not talking about fans. I'm talking about ushers and security people."

He doesn't often get the chance to visit Millersville University, Itzoe says, "but each time I do, I'm astounded at the amount of growth."

He has a tip for summer travelers who want to avoid airport hassles: "Go first class." Thanks, Phil. Next time we have a \$1 million traveling budget, we'll do just that.

## FAMILY ALBUM



**Ruth Hagen '86** recently married **Tim Dye '87**. She is employed as a veterinary technician. He is a meteorologist and received his M.S. in meteorology from Penn State University in 1990. They reside in Santa Rosa, Calif.

**Lori Darlynn Hoffman '86** and **Jeffrey L. Beamer** were married February 16 in Harrisburg. She is a travel consultant with AAA.

**Pamela S. Kardane '86** was married to **Wayne A. Parsons** on June 23 in Glenside. She is a vocational evaluator for the United Cerebral Palsy Association, Philadelphia. The couple resides in Hatboro.

**Susan M. Tunno '86** was promoted by Meridian Bank, King of Prussia, to assistant banking officer.

**Dr. Michael A. Zumburum '86** has joined GE Research and Development Center as a chemist in the Research Center Technology Program in Schnectady, N.Y. He is a member of the American Chemical Society. He resides in Clifton Park, N.Y.

**Christopher R. Bejgrowicz '87** is a sales representative for Conwood Company, a manufacturer of smokeless tobacco products, based in Memphis, Tenn. He lives in Lancaster.

**Julie A. Cahill '87** married **Thomas R. Wagner** on December 15. She is employed by First Fidelity Bank and they reside in King of Prussia.

**David Dreyer '87** married **Lisa Hoenstine '87** in Amelia Island, Fla., on October 6.

**Karen A. Grossglass '87** is vice president of the Education Association at Ephrata Junior High School where she is an English teacher.

**Sue E. Heckler '87** is a teacher of mentally retarded adults in Coatesville. She teaches Survival Communications classes for Handi-Crafters, Inc.

**Raymond A. Marshall '87** married **Pollyanna Droz** on March 16 in Lancaster where the couple now lives. He serves in the Army National Guard and is employed by Suburban Cable.

**Mark H. O'Neal '87** was honored in January as BESCO Employee of the Year at BESCO Systems, Inc. Camp Hill. He is a recycling and waste-handling systems consultant for the company. He lives in Harrisburg.

**Mary Elizabeth Raschke '87** and **John M. Nikolaus '87** were married January 26 in Columbia. She is a first grade teacher in the School District of Lancaster, and he is assistant vice-president of marketing with Conestoga Title Insurance Company. The couple resides in Lancaster.

**Diane Rehrig '87** recently married **Dr. Douglas M. Hughes**. The couple resides in Milford, Conn.

**Barbara A. Smith '87** was recently appointed counseling coordinator of Domestic Violence Intervention of Lebanon County, Inc. Previously she was employed by Community Services Group in Lancaster where she worked with high-functioning mentally retarded adults.

## History lovers write book



Karen Miller



Joan Decker

**Karen Overly Miller '79** and **Joan Sinitsky Decker '70** didn't know they were both Millersville alumnae until they joined a team of writers and researchers to produce a heritage book titled *The History of Southern Lancaster County 1729-1991*. Decker wrote the sections on the Underground Railroad and the Christiana Riot. Miller wrote about utilities in the southern end of the county.

Miller, an MU business administration major, formerly worked for the Holtwood Electric Power Plant. Since her work on the book, she's changed career interests and is pursuing a master's degree in geography and regional planning at West Chester University.

Decker says her library science courses at Millersville prepared her well for work on the book. She is a library media specialist with the Oxford Area School District.

Although the 5,000 copies of the book have sold out, copies are available at most Lancaster County libraries as well as MU's Ganser Library.

**Karen L. Spangler '87** and **Courtney D. Moyer '88** were married October 27. She is employed with Meridian Bank, Reading, and he is with Twin Valley School District. The couple lives in Shillington.

**Beth Anne Bateman '88** and **Kevin E. Pirkey** were married November 17. She is a social worker with Catholic Social Service, Philadelphia.

**Beryl A. Davis '88** and **Robert C. Grasser '88** were married March 30 in Bowmansville. She is employed by Ephrata Area School District and he is employed by Bulova Technology, Inc. They reside in Ephrata.

**Jean M. DeVitto '88** is an assistant program director for Community Services, Inc., Lancaster.

**Stephen R. Gegg '88** and **Cynthia A. Lefever** were married on December 15. He is employed by Fulton Financial Corp., and the couple lives in Lititz.

**Amy E. Mays '88**, a second year student at The Dickinson School of

Law, has been selected to represent the school on its National Appellate Moot Court Team which involves preparing and arguing a fictitious case before a panel of judges.

**Carol Arnold '89**, a registered nurse on the staff of the Visiting Nurse Association, has received community health nurse certification. She joined the VNA staff in 1986.

**Amy Lee Boettger '89** and **Lars Keith White** were married recently. She is a trust account administrator at Hamilton Bank, Lancaster. The couple resides in Manheim.

**Todd Michael Campbell '89** and **Julie Lynn Sweigart** were married December 22 in Williamsport. He is majoring in chemical oceanography at the University of Washington. The couple resides in Seattle, Wash.

**Rosie Heesen '89** accompanied **Stan Blair**, baritone vocalist with the New York City Opera, at a concert in Millersville in January.

**Steven Henry '89** married **Delinda Tindall '90** on February 16.

He is employed by Kunzler and Co., Inc., and she is employed by Solanco School District. They reside in Pequea.

**Brian C. Schuessler '89** married **Dana Messman '90** in Columbia on January 19. He is serving in the U. S. Navy and is a naval flight student at Naval Air Station, Whiting Field, Fla. She is employed by T.G.I.Fridays. The couple resides in Pensacola, Fla.

**David Snyder '89** and **Josephine Mortorana '89** were married December 15. She is a substitute teacher for York City School District and also works at Pfaltzgraff Factory Store. He works for Bank of Lancaster County. The couple lives in Mountville.

**Craig Myers '89** is an account executive with Abbott Laboratories and resides in Pittsburgh.

**Amy E. Petersen '89** graduated from the University of Delaware in January with a master's degree in American history. She is living in Marlton, N.J.

## 1990s

**Corinna Ballas '90** married **Michael Horchak** on November 16. She is employed by the Debran School District and the couple resides in Debran, N.J.

**Lori L. Barkle '90** and **Timothy A. Hess** were married June 15. She is employed by the Middletown Area School District. The couple resides in Mountville.

**Jennifer Jo Casner '90** and **James C. Hockenberry** were married October 20. She is a social worker with Juniata County Child Care Head Start, and the couple resides in Newport.

**Beverly Devillbiss '90** and **Todd H. Sommer** were married October 6 in Fawn Grove. She is employed by South Eastern School District as a science teacher. The couple resides in New Park.

**Jennifer Anne Fox '90** and **David Earl Reinhart '90** were married in West Reading recently. She is employed by LaPetite Academy, Manassas, Va., where the couple resides. He is employed by Sears, Roebuck & Co.

**Michele Freed '90** is a kindergarten teacher at St. Mary's Catholic School in York, where she resides.

**Amy Gooden '90** married **Kurt Moyer** on December 1. She is employed as a preschool teacher at Our Small World. They reside in Chadds Ford.

**Nancy Jo Hartley '90** and **Dean A. Stump** were married October 20. The couple resides in Oley.

**Andrea Kane '90** has been named director of admissions at the Hussian School of Art in Philadelphia. She formerly was a public relations assistant at the Lancaster Recreation Commission.

**Steve Krall '90** recently turned golf professional and is a member of the Hershey Country Club's professional staff.

**Julie Ann Snyder '90** married Kenneth T. Benner on December 22. They reside in Lancaster.

**Delinda L. Tindall '90** married **Steven Craig Henry '89** on February 16. She is employed by Solanco School District. He is employed by Kunzler and Co., Inc. The couple resides in Pequea.

**Jilann C. Trainor '90** had a story published in the "I Know a Story" segment of the Lancaster *Sunday News* on December 23. She originally wrote the story for one of her classes at MU.

**Shawn A. Young '90** was awarded first place in the 1990 Student Paper Awards Competition, sponsored by Marsh & McLennan and the American Society of Safety Engineers.

## Births

**Blaine Sheffer '71** and his wife are the parents of Robert Blaine, born in October. The family resides in York.

**Steve Brandt '77** became the father of a baby girl on September 28.

**Eileen Houck Catino '77** and her husband are the parents of a second daughter born October 30.

**Jane Biggerstaff '78** and her husband became the parents of Rachel Elizabeth on November 14. The family resides in Morgantown.

**Susan Stambaugh Blackwell '78** and her husband are the parents of a third son, John Paul, born November 6.

**Sharon V. Josefowski '78** and **Alan T. Josefowski '79** are the parents of a daughter, Elaine Victoria, born September 26. The family resides in Manahawkin, N.J.

**Kathy Dwyer Soska '78** and her husband became the parents of Chet, 5 years old, and Candace, 3 years old, through adoption in June.

**David Manwiler '80** and his wife are the parents of a son, Jeremy David, born July 13. The family resides in Clayton, Del.

**David L. Brown '81** and his wife **Sharon Natalini Brown '82** became the parents of their third child, Christopher, on November 27.

**Nancy S. Hurst '81** and her husband had a second daughter, Megan Leigh, born July 23. The family resides in Anchorage, Ala.

**Scott D. Stough '81** and his wife announce the birth of their first child, Dustin Paul, born January 11. They live in Friendsville, Md.

**Terry Rill Martin '83** and her husband are the parents of a daughter, Brittany Elizabeth, born June 22.

**Michelle McCormick Phillips '83** and her husband are the parents

of a daughter, Stephanie Ann, born February 7.

**Stephanie Baum Anderson '84** and her husband are the parents of a son, Ryan Joseph, born January 27.

**Rick Stoner '85** and **Karen Grow Stoner '86** are the parents of a daughter, Brittany Nicole, born January 3.

**1st Lt. Paul R. Mengle '86** and his wife became the parents of a son, Wade Robert, on November 13. They reside in Marine Corps Base Camp Lejeune, N.C.

**Sherry L. Smith Minnich '87** and her husband became the parents of a daughter, Ashley Lynn, on June 2. They live in Mount Joy.

**Rev. Augustus Sullivan Jr. '87** and his wife are the parents of April Marie, born on November 5. They reside in Harrisburg.

**Lisa M. Zern Little '88** and her husband became the parents of Benjamin on May 24.

**Ida R. Heckard '90 (M.S.)** and her husband became parents of twins, George Isaac and Charissa Lucille, on October 11.

## Deaths

**Edythe M. Brenneman '20** died January 17 of natural causes at the Swaim Health Center, Newville. She was formerly a cashier for the Internal Revenue Service.

**Pauline Stroeble Oswald '23** died February 28 at Evangelical Manor in Philadelphia, where she had lived for eight years. She taught in Ardmore and Norristown, as well as in Lancaster County.

**Vergie Stayer Fink '20** died at the age of 89 in Altoona after a brief illness on December 29.

**Dorothy S. Miller '22** died at the age of 86 on December 9 in York. She was a former teacher in the York City School District, and supervisor of the York County Office, Pennsylvania Department of Public Welfare.

**Roger C. Lincoln '26** died January 4 after a brief illness. He spent 40 years teaching social science in the Lower Merion Township School District.

**Mary Skiles Wallace Charlet '27**, a former principal of a Long Island, N.Y., school, died February 4 in Lancaster after a brief illness. She was 83.

**Ethel J. Nolt '28**, an 83-year old retired Hempfield School District teacher, died at her home in Mount Joy on December 30.

**Augustena L. Weinhold '29**, a longtime elementary school teacher in the Cocalico School District, died in Akron at the age of 81 on December 22.

**Thurley B. Sweeney '30** died on December 10, 1990 at the age of 78 in Orange City, Fla. She was a school

teacher for 25 years in York County and eight years in Harford County, Md., at North Harford High School.

**Ada I. Seitz Crowl '32** died at York Hospital at the age of 77 on December 20. She was a retired elementary school teacher, who taught for 43 years.

**Elizabeth S. Witmer '32** died at the age of 79 in Raleigh, N.C., on January 1. She was a retired school teacher who taught in the Hanover and York elementary school systems.

**Elvin K. Troutman '36** died January 1 in Pottsville. He was 78. He was a veteran of World War I and a retired school teacher.

**Sara Steigerwalt '39** died on February 21, 1990.

**Frank B. Trout '46** died at the age of 77 in Lancaster following an illness of six months. He served for four years in the Army during World War II and was a retired school teacher.

**Miriam A. Horner Bragg '49** died March 2 in Lancaster following a brief illness. She taught for 34 years in the School District of Lancaster and retired in June 1975.

**Herman A. Kordalski '49** of Berwick died January 19 in Longwood Regional Hospital, Fort Pierce, Fla. He was an industrial arts teacher in the King of Prussia School District, retiring in 1979. Previously he taught 10 years at Towanda High School.

**John Weaver '49** of Willow Grove died January 27 at the age of 63. He retired in 1986 after 20 years of service as an education administrator for North Montgomery County Technical School, and was a Navy veteran of World War II.

**Sarah Ann Miller '55**, a former teacher, died February 8 after a long illness in Bethesda, Md.

**M. Jane Fegley '58** died March 5 at age 70. She retired in 1980 as a guidance counselor at Manheim Township High School.

**Joanna B. Lowry '67** died of natural causes at the age of 65 on February 4. She was an elementary school teacher for 15 years in Hempfield School District, retiring in 1983.

**Paul R. Hohenwarter '71**, a retired industrial spray painter, died January 7 after an illness of several months. He owned and operated the former Paul Hohenwarter Spray Painting firm and was a veteran of the U.S. Army, serving during World War II.

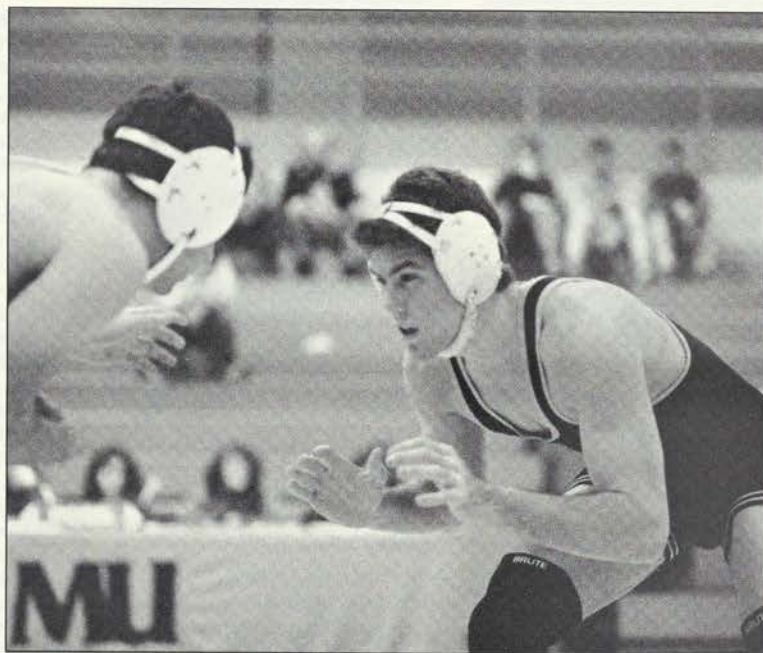
**Stephen D. Rockey '82** died February 14 at the age of 32. He received his master's degree from the University of Northern Iowa, then taught graphic arts, woodworking, photography and metal crafting at Conestoga Valley High School. Last year, he moved to the Tredyffrin-Easttown elementary schools, where he taught computer applications and multimedia development.

## Share Your News With Us

If you are an alumnus of Millersville University, please send information about your recent activities for inclusion in the "Class Notes" section of the *Review*.

If, within the past year, you took a new job, got married, had a baby, received an honor, won a prize or retired after a long career, write and let us know.

"Class Notes" are everyone's favorite reading, so help keep this section of the magazine vital by sending news of yourself or of some other alumnus. Send the details to the Alumni Programs Office, Millersville University, Millersville, PA. 17551-0302. Please include your address and phone number.



Tom Barley in action

## Meet MU's first All-American wrestler

For years, a sign above the entrance to the wrestling room in Pucillo Gymnasium read: "Who will be Millersville's first Division I All-American?"

On March 15, the question was answered. Tom Barley, a sophomore from Conestoga, Pa., achieved that distinction when he finished eighth in the 142-lb. weight class at the NCAA Championships at the University of Iowa.

Barley won three bouts in the consolation round to earn the first All-American honor by any Millersville wrestler since Don Wagner attained NCAA-III status in 1981, a season before MU upgraded its mat program to Division I.

As icing on the cake, Barley received a standing ovation from the capacity crowd at Carver-Hawkeye Arena when his unprecedented feat was announced over the public address system by veteran announcer Ed Aliverti.

"That was really neat. All the

fans, so many people. It put me on cloud nine," says Barley, whose 39 season wins are a Millersville record.

His head coach, Floyd "Shorty" Hitchcock, adds, "In that kind of atmosphere, the crowd respected Tom as an athlete and appreciated what he has done for himself and our program."

For one who wasn't expected to finish among the top eight when the tournament began, the Penn Manor High School graduate and transfer from Penn State surprised the so-called experts. Barley rebounded from a first-round defeat by pin to Oklahoma State's Chuck Barbee and won the next three in the consolations.

One of those wins was especially sweet. Barley upended nemesis Jack Bell of Slippery Rock 5-3 in overtime. Bell had dealt Barley two losses earlier in the season, including the NCAA Eastern Regional finals.

"I was in the right frame of

mind," Barley says. "I was not intimidated. I worked hard all week before the tournament and I went all out, especially in the match against Bell. I just kept pushing."

Barley secured All-American prestige when he bested the University of Minnesota's Damon Johnson, 4-1, in his third consolation round match.

After an arduous four-month campaign in which he competed in 50 matches, Barley attributes his success to keeping his eye on the goal—to become an All-American—and not losing too much weight.

Barley's newly attained status should give the Marauder wrestling program a lift, according to Hitchcock.

"Now we can say we've had our first All-American. It shows a lot of high school wrestlers that no matter how well they did in state competition, they can come to Millersville and be an All-American if they are willing to follow Tom's example," he says.

In addition, Tom's performance at the nationals may inspire his teammates.

"The other kids see the hard work, the extra hours of practice, the sacrifice and the will to win that Tom used to his advantage," Hitchcock says. "Tom's accomplishment gives our program a foundation from which we can build."

Prospects look good for the Marauders, with every starter expected to return next season.

Barley, who can anticipate two more MU seasons, is traveling to Rome this summer along with 79 other NCAA Division I All-American wrestlers to compete in an international tournament.

But even Rome is not likely to match the excitement of that moment in Carver-Hawkeye Arena—and the thrill of being first.

*"All the fans—so many people—it put me on cloud nine."*





## Women's track title caps spring season

The spring sports season brought added honors to Millersville as the 1990-91 academic year drew to a close.

Leading the way was the Marauder women's track and field team. It rallied from a 34-point deficit to capture its second consecutive PSAC championship May 11 at Shippensburg University.

Overall, 13 Black and Gold tracksters earned all-conference honors in 14 events and five athletes won individual events. The Marauders won the 12-team competition by almost eight points over runner-up Slippery Rock.

Senior distance specialists Kellie Boozer and Andrea DeBernardinis captured the 5-kilometer and 10-kilometer runs, respectively. Freshmen Deb Stump and Amy Seier each won field titles (shot put and discus), and senior Jen McDevitt keyed a talented Marauder sprint corps by winning the 200-meter title and placed second in the 100-meter dash.

The Marauder men's track and field squad also performed well in PSAC championship action with a third-place showing in the 14-team field.

Senior Eddie Arnold sped to victory in the 200-meter dash in 21.35 seconds (an MU record), placed second in the 100, and spurred the MU relay teams to third and fourth place efforts. Arnold, a sprinter from Shirley, N.Y., was named the meet's Outstanding Male Track Athlete.

Six other Marauders earned two All-PSAC certificates for Coach Joel Hoffsmith's team: Jacques Viau (shot put and discus), Andy Van Sciver (800 meters and 4 x 400 meter relay), Dave Dietz (shot put and discus), Barry Foster (100 meters and 4 x 100 meter relay), Craig Parkinson (long jump and triple



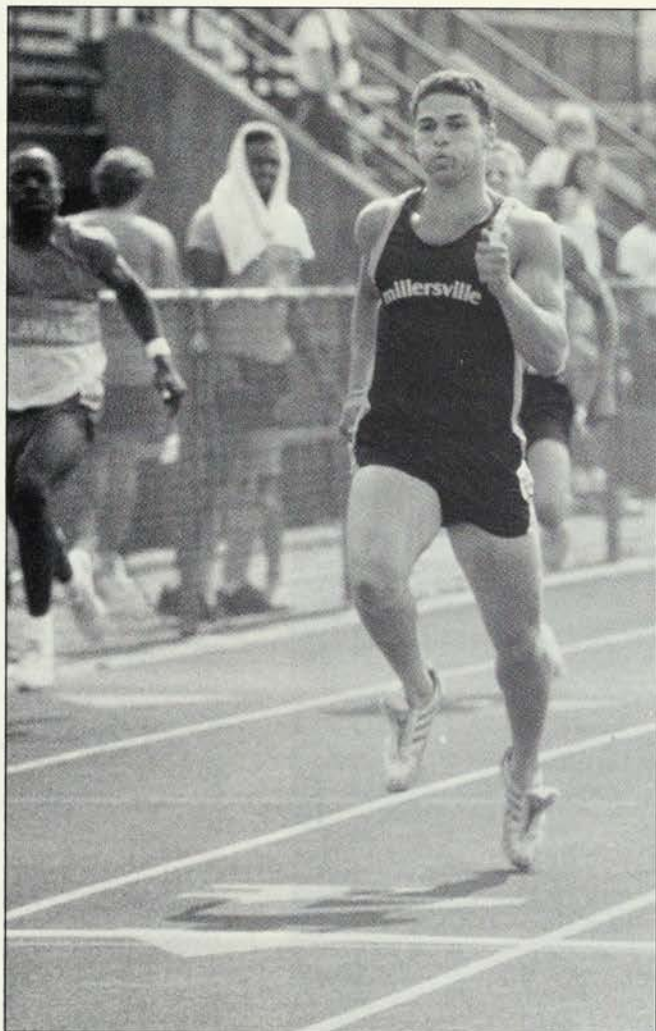
*Distance runner Mary Zerby speeds ahead.*

jump), and Chris Goodling (400 meter hurdles and 4 x 400 meter relay).

In baseball, senior third baseman Mike McCarter led the way with an impressive season at the plate. McCarter, an all-Eastern Division team selection, ranked among the PSAC and NCAA leaders in batting (.444) and led the team in slugging percentage (.636), hits (44), and stolen bases (10). He also recorded a

21-game hitting streak, the second longest in Marauder diamond history.

Sophomore designated hitter Grady Chase added long-ball power to the Millersville attack (12 doubles, six home runs, 31 RBI) and batted .344 overall. A pleasant surprise to the Marauders' offense was freshman catcher Joe Monk, who batted .410 over the season's final 23 contests and hit .354 overall.



*Eddie Arnold was named Most Outstanding Male Track Athlete of 1991*

Senior pitcher Bradd Everly closed his Millersville career with a club-record 22 victories and was the only starter to achieve a winning record this season (four wins against three losses).

The **softball** squad featured an all-star caliber season by sophomore outfielder Angela Lutz. Lutz batted .462 and led the Marauders in most of the major offensive categories. Senior second baseman Kandi Ickes batted .293 and excelled defensively en route to attaining All-PSAC Eastern Division honors. Added punch was supplied by designated player Amy Marberger (.349 average, six doubles, 11 RBI).

The Marauder **golf** team received fine performances this season from a freshman trio—Jason Auge, Jason Arnold and Tom Eason. Auge ended the season on a high note when he earned All-PSAC first team hon-

ors thanks to two rounds of 75 in conference tournament play.

In **women's lacrosse**, Millersville saw the end of its three-year reign as Pennsylvania State Athletic Conference champions. Despite a 3-2 league record, the laxers dropped their last seven decisions; five were against teams ranked in the NCAA Division III top 10 poll. Senior attacker Christine Frank scored 28 goals and 45 points and earned PSAC Athlete of the Year honors.

### **Four athletes of the year receive awards**

Major achievement awards were presented to four MU student-athletes at the Faculty-Student Athletic Committee's annual letterwinners' ceremony on April 24.

Cross country and track standout Kellie Boozer and soccer player Bill Schumacher received the Elwood J. Finley Award as Millersville's top female and male senior athletes for 1990-91. Susan Elliott (field hockey) and Jacques Viau (track and field), also seniors, were honored as the FSAC Scholar-Athletes of the Year.

Boozer, a biology/secondary education major from Lancaster, capped a brilliant four-year Marauder cross country career when she won the 1990 PSAC individual championship and was selected as the conference athlete of the year. She twice captured NCAA Division II All-American titles (1988 and 1989) and won six invitational championships. She was also a three-time all-star in PSAC, ECAC, and NCAA-II East Regional competition.

On the track, Boozer helped lead Millersville to the 1990 and 1991 PSAC titles. She finished third in the 5,000-meter run last spring and won the event this May. In 1989, Kellie established

the school's 10-kilometer outdoor record and set new indoor maraks in the 3,000 and 5,000 meters.

Bill Schumacher, an industrial technology major from Flemington, N.J., was co-captain for the 1990 PSAC Eastern Division champion MU soccer squad. His leadership in the backfield keyed the Marauders' drive to their first division title in 20 years and the most victories (12) in team history. The All-PSAC performer saw a much-improved MU defense yield only 1.1 goals per contest and post a team record of seven shutouts.

Susan Elliott, a four-year field hockey letterwinner from Lebanon, has a cumulative QPA of 3.89 in elementary education/early childhood. She has been a dean's list student every semester at Millersville and twice has achieved PSAC Scholar-Athlete honors.

On the field, Elliot earned NCAA Division III national and regional All-American first team distinction and was named an Academic All-American by the College Field Hockey Coaches Association. Twice, she has earned PSAC Scholar-Athlete honors.

Viau, a Spanish and political science major from Schwenksville, has a 3.64 cumulative QPA. He was a dean's list student for five semesters and received PSAC Scholar-Athlete honors in 1989 and 1990.

A field specialist, Viau won the 1989 PSAC discus championship and was runner-up in 1990. He also has earned three all-conference honors in shot put competition.

# Educational Opinion



Dr. Dennis Denenberg

## Youth need heroes, not cartoon mice

By Dennis Denenberg Ed.D.

All of us know that children—and adults—need role models.

We look to others for inspiration and, in some cases, for ways to change the direction of our lives. Great women and men can serve as those models, but we need to make the effort to learn about them and to share that learning with young people. Heroines and heroes come from every race, every ethnic background and every field of human endeavor.

In *Toward A Human Curriculum: A Guide to Returning Great People to Classrooms and Homes*, I propose an idea I have called “de-Mousing.” In fact, as the premise has spread, I have taken on the dubious distinction of becoming known as the “de-Mouser.” One of my colleagues in a local public school even sent me an official “de-Mousing” ceremonial robe and hat, supplied, she said, by a subsidiary of “Rodent Rooter”! Thank you, Mrs. Connie Kirby of Ephrata Junior High School.

The reaction to “de-Mousing” has been overwhelmingly positive. People who have learned about it in the newspaper or by reading the book tell me, “It’s such a simple, common sense idea.” If put into practice, the idea can help change the focus in schools and homes.

“De-Mousing” means focusing on great men and women, not cartoon fad figures. Outstanding individuals, people who have made positive contributions to our world, should be seen by and discussed with young people. Too often, the real heroes and heroines are barely mentioned in schools and homes. Rather, the cartoon character currently hyped by Madison Avenue and the media gets the attention.

Think about the messages cartoon characters send to our young people. Are those the messages you want conveyed to your children?

I propose an alternative.

My basic “De-Mousing Starter’s List” provides over a hundred names for parents and teachers to think about and use. Why not

encourage kids to learn about the real Michelangelo instead of knowing only his current amphibian counterpart. [One of the Teenage Mutant Ninja Turtles is named Michelangelo.]

In the classroom, math teachers can incorporate great people into word problems. Halloween dress-up in elementary schools can be focused on heroes and heroines instead of ghosts and witches. In school visual displays, pictures of the important contributors to humankind can begin to replace “the Mouse” and all his companions. At the very least, teachers should display Walt Disney’s picture next to that of his cartoon creation and help children learn about the man’s creative genius.

That advice applies to the home as well. The refrigerator can be a wonderful teaching tool when you display the “Mystery Fridge Person” of the month! “De-Mousing” is simple, usually inexpensive, instructional and even fun. You’ll agree once you see a parking lot full of “de-Moused” auto shades!

Why should we make the effort to return great individuals to the pedestals they deserve?

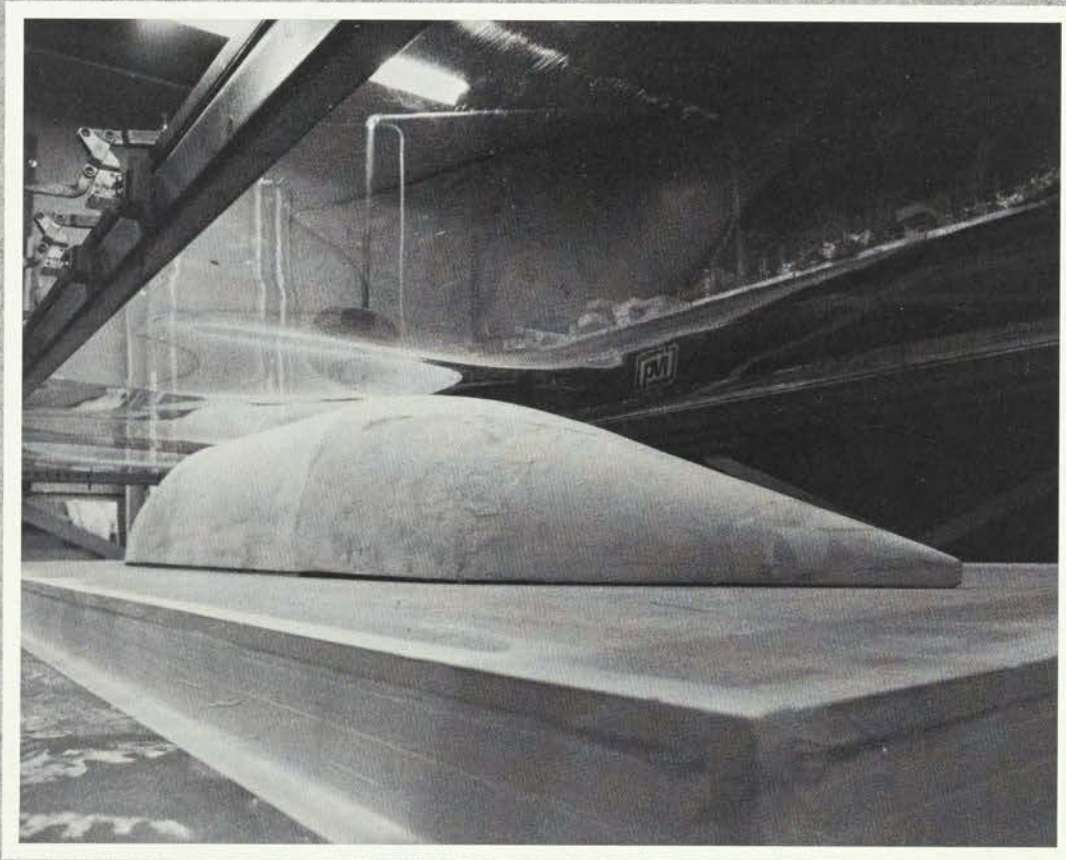
Young people need to see that humans can and do make a difference in how this world runs. Students can learn they too are capable of reshaping this fragile planet in a positive way. By reintroducing heroes and heroines to children, parents and teachers can show them that there are real people worthy of recognition and even emulation.

For me, and I hope for you, heroines and heroes and children belong together.

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*Dr. Dennis Denenberg, MU coordinator of field experience/educational foundations, is the author of *Toward a Human Curriculum: A Guide to Returning Great People to Classrooms and Homes*, recently published by Trillium Press, Unionville, N.Y.*

Opinion essays of 500 words on educational issues of general interest are invited from readers. Contact the REVIEW editor, Karen K. Boyd, ext. 3845.



**MU's Mystery Blob:** Okay all you science fiction fans out there. Is it a giant alien slug being encased for posterity? A mummified whale stripped of all whalaphernalia? A sleepy seal in a suntan parlor? You'll find the answer on page 6.

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