

Outlook

The University of Maryland at College Park Faculty and Staff Weekly Newspaper • Volume 8 Number 16 • February 14, 1994

Winter Woes: When the Ice Man Cometh These are the Folks Who Fight the Frost

What a difference a degree makes. On a campus rampant with bachelor's, master's and Ph.D's, there weren't enough degrees to keep the campus from freezing.

On Jan. 18, most of Maryland woke up to snow- and ice-covered roads and lawns, compounded by bitterly cold temperatures. That morning, and for the next three mornings thereafter, the University of Maryland at College Park was closed.

But for some 400 of the university's employees, the storm meant it was time to go to work. That is, if they weren't at work already.

"The trouble began Saturday night with a burst pipe in a fraternity house and the damage continued from there," says Jack Baker, assistant director for plant management and engineering. "People were putting in 14- to 16-hour days."

According to Kevin Brown, assistant director of grounds maintenance, 35 of their 40 staff were on campus all week, primarily to take care of the sidewalks. "The weather didn't cooperate," says Brown. "Anything below 22 degrees doesn't help," he says, as salt is ineffective at temperatures lower than that. And when it does warm up, the crew have to be right there to catch it or the ice freezes right back up.

"It's disheartening to think that ultimately it's Mother Nature who does it for you," says Brown. "We were working from 10 a.m. to dusk, feeling like it was a very futile effort."

To provide traction on the slippery surfaces all over campus, Brown's crew threw down sand everywhere. "The

guys were so tired from working," says Brown, "that in the dining hall, they were dropping their utensils because their hands were so stiff."

Brown says people risked their cars and sacrificed a lot to get here. "The camaraderie was more poignant than anything I've seen before," he says.

As soon as the snow fell on Monday, the grounds development crew from physical plant were out plowing, salting and sanding the roads to stay ahead of the white stuff. "When it snows, our crew of 10 or 11 splits into two teams and works 12-hour shifts, round the clock," says Dennis Nola, assistant director of grounds development. "We have to keep the roads open because vehicles need to get through."

Working from a detailed plan, the crew managed to keep the roads passable the entire week. "It comes down to people doing a lot of hard work," says Nola. The spirit of cooperation he sensed that week was gratifying.

"I can't over emphasize the team approach that took place around here," concurs Baker. "Any problem, everyone responded."

And there were problems.

Amidst the ice and snow, there were pipes bursting in buildings all over campus. The result: floods and power outages.

At Ellicott Dining Facility, a burst pipe left two inches of water standing in the lobby one hour before lunch. Thirty-five people from physical plant responded with water vacs, squeezed the water out of the carpets and had the doors open for business fewer than 45 minutes later.



Ice-covered cars were a common scene during January's week-long freeze.

At Prince George's Hall, a sprinkler pipe burst in the mechanical room, taking out the power on that entire side of campus, including South Dining Hall. Within one-and-a-half hours, power was restored.

And at the Stamp Student Union, burst pipes caused flooding on three floors including the bookstore, ballroom and Roy Rogers restaurant. Teams of electricians, environmental safety and physical plant people worked 24 hours to keep things under control. "Just as one incident got cleaned up, there'd be a call about another one," says Baker.

The crews lost all sense of time and

days, says Baker, but after working ten straight days, they returned to a regular work week, with problems still to be resolved. Then, on Friday, Jan. 21, another ice storm hit town closing the campus once again.

Ironically, there were some areas on campus that needed to be kept cool. Animal colonies and computer rooms, for example, require special temperature control. These cooling systems, says Baker, are located on the roof and were frozen under blocks of ice. "To get the system up and running again, we had to knock the ice off," says Baker. The system shuts down when it

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Economics Center Awarded \$16 Million to Help Former Soviet Union Develop

The Center for Institutional Reform and the Informal Sector (IRIS) has been awarded a \$16 million, three-year grant from the U.S. Agency for International Development (USAID). The project will help leaders in the former Soviet Union establish a market economy.

Sen. Paul Sarbanes and The Hon. Carol Lancaster, deputy administrator of USAID, joined President William E. Kirwan, IRIS Chair Mancur Olson, IRIS Director Charles Cadwell and other honored guests on Jan. 31 in IRIS's offices in Morrill Hall to receive the award.

The project has three goals: to provide technical assistance and training in antimonopoly law; to provide technical assistance and training in regulation and deregulation; and to design an economic education model and support economic research.

"This award reflects the contribution that Mancur Olson's IRIS Center has made in both research and assistance on the economic challenges of transition societies," says Kirwan.

"We'll be working alongside Russians to help them build a capability to undertake and maintain key institution-

al reforms," says Cadwell. Ten IRIS economists and lawyers will move to the former Soviet Union and establish offices in Moscow, Almaty, Kiev and either Georgia or Armenia. Robert Thorpe, an anti-trust attorney who is currently director of field programs for IRIS, will lead the project. IRIS is staffed by lawyers with extensive economic backgrounds and by economists well-versed in the regulatory and legal issues of economic transitions.

Assisting IRIS will be Nathan and Associates, Inc.; Louis Berger International, Inc.; MetaMetrics; the

University of Pittsburgh; the University of Nebraska; Lexecon, Inc.; the Canadian Bureau of Competition Policy; and the Hamburg Institute for Economic Research.

IRIS also is working on two additional USAID-funded projects recently awarded by USAID to assist Russia and the Newly Independent States. The first is a commercial law reform initiative that will assist and train Russian law makers, judges, and legal practitioners at the Federation level as they develop the components of a commercial law

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New Micro-Mist Puts Out Fires

Water gushes out of the pipes, drenching everything in its path, seeping through the carpet and into the floor. The fire which has triggered the sprinkler system finds its fuel water-logged and no longer combustible, and cannot spread. But unfortunately, a great deal of damage has already been done, both by the fire itself and by the water flowing from the sprinklers at some ten gallons per minute.

This scenario may soon be a thing of the past in many hotels, libraries, museums and other facilities. On Jan. 27, the university's Maryland Fire and Rescue Institute (MFRI), working in conjunction with the Marriott Corporation, the Reliable Sprinkler Corporation and the Micro-Mist Corporation, hosted a demonstration of a fire extinguishing system that relies on a fine mist produced by two or three gallons of water rather than the usual soaking method. Attending the demonstration were fire department officials from throughout the Baltimore/Washington area.

"This system creates a fine mist which results in much less water damage to electronic equipment, paper products and other valuable property. Therefore, this system will be of great potential value to libraries, museums, archives, computer laboratories and other such facilities," says Steven T. Edwards, director of MFRI.

Among the other advantages of this system is its low water usage. Also, a conventional sprinkler system tends to



MFRI conducted controlled arson to demonstrate the new fire-fighting Micro-Mist.

need a relatively large fire to be set off and is designed to work by soaking those surfaces not yet burned, restricting the spread of a fire until it can be manually put out. The water-misting system, on the other hand, is set off by small fires and not only wets and cools surfaces, but also depletes oxygen in the fire's vicinity through steam expansion.

The water-misting technology is also much better at reaching fires that are not in the direct line of the sprinkler's spray and it is generally more effective at completely extinguishing fires.

—MARKUS BOCK

End quote

Should the United States engage in airstrikes in Bosnia and Herzegovina?



"The U.S. choices in Bosnia are unbearably complicated, so that Americans will afterwards probably regret almost any initiative their government undertakes. We may be unable to determine who shelled the marketplace in Sarajevo, just as we were never able to determine who sank the battleship Maine in Havana Harbor in 1898. But in 1898 we at least sensed an overall justice of the Cuban case against Spanish tyranny; in the former Yugoslavia, by contrast, it may prove impossible to judge the overall claims of Serbs, Croats or Bosnian Muslims, just as it is impossible for the United Nations or anyone else to determine the guilt in a particular way."

—George Quester, professor of Government and Politics

"Yes, although such airstrikes would be very risky. In order for strikes to be considered just, they would need to fulfill the specific objective of pressuring Serb guns to stop shelling Sarajevo. Such strikes would also need to be fully and continuously supported by the United Nations and those other international bodies which have targeted Serbia for its gross violations of human rights. Strikes would serve American national interest in showing neofascists throughout Central Europe and Russia that the international community will not allow fascism to take root again in European soil. They may not, however, produce an immediate improvement in the daily life of residents in Sarajevo, simply because the war may escalate, the United Nations relief operation may collapse, and the Serbs may be able to withstand airstrikes. Because the stakes are so high, the pressure will be enormous to escalate if airstrikes do not succeed in achieving a Serb backdown."

—Karen Dawisha, professor and director of the Russian Littoral Project in the Department of Government and Politics, and author of *Russia and The New States of Eurasia: The Politics of Upheaval* just published by Cambridge University Press.



"I support NATO bombing of Serbian forces attacking Sarajevo. It won't make up for past Western vacillation, nor will it bring a just and lasting peace. It will demonstrate that egregious atrocities like last weekend's bloody shelling won't always go unpunished. And it could tilt the negotiating balance a bit in the direction of the embattled Bosnians."

—I. M. Destler, professor, School of Public Affairs, and director of the Center for International and Security Studies at Maryland.

Emergency Loan Fund Rescues Employees

While most of the classified employees at the university do not earn high salaries, they are above the limit for many financial assistance resources. For them, the danger of a financial crisis is always around the corner.

For the past three years, the Faculty Staff Assistance Program has been counseling faculty and staff in tough financial situations on how to find resources to meet their needs. But sometimes counseling is not enough.

Some full-time employees have found themselves temporarily homeless. A loan may have been just what they needed for their first month's rent and a security deposit.

Several departments and programs have benevolent funds that offer small

loans to their personnel, but a university-wide program, until now, has not existed.

The Emergency Loan Fund, to be built primarily from private gifts from faculty and staff, was recently approved by the President's Cabinet. And \$20,000 in seed money has been provided from the Vice-President of Administration, Charles Sturtz, from the concessions budget.

A special mailing was sent to faculty and staff last week detailing the new program and asking for contributions through the annual faculty and staff giving campaign.

"This is one small way of building a more caring university community, and of demonstrating concern for fellow

workers," says President William E. Kirwan.

All active full-time and part-time faculty and staff are eligible to use the fund, provided that they have exhausted all other avenues of assistance and can prove that they can pay it back.

The fund has been designed to address unexpected financial emergencies. Examples include:

- A death in the family where an employee must travel some distance to attend the funeral.
- Emergency health care that cannot be initiated without cash pre-payment.
- Emergency automobile repair when the employee has no other means to get to work.
- An impending eviction due to unpaid rent.

Loans will not be given for recurring and predictable expenses such as car insurance or income tax.

There will be a 5 percent loan application fee to cover the expenses of the fund, but no interest will be charged. The loans will be expected to be paid back within six months to a year.

No names will be presented to committees that approve the loans, and every attempt will be made to insure privacy.

To donate or to find out more about loan eligibility, call 314-8093.

Next Issue: The winning architect of Maryland's new Performing Art Center is named.

UNIVERSITY OF MARYLAND AT COLLEGE PARK

Outlook

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Economic Center

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regime essential for Russia's transition to a market economy.

In the third USAID-funded project currently underway, IRIS staff will work with Russian economists and policy makers through Russia's Institute for the Economy in Transition. Working together, they will conduct policy research on transition issues; hold seminars and workshops to provide intensive coverage of economic principles and application to key policy areas; and award young Russian economists research awards.

"Each of these projects reflects USAID's appreciation for the importance of thinking not just about the end reform, but the incentives and institutional structures necessary for a market economy," says Olson.

IRIS, which has as its central mission research and support for reform efforts in transitional economies, was launched in 1990 with initial funding from USAID. It provides assistance and conducts research on the transition to market economies in several countries, including Russia, Poland and Mongolia.

Forever Valentine

The Yoke of True Love

According to the New York Public Library Desk Reference, "St. Valentine's Day celebrates the feast day of the patron saint of lovers, engaged couples and anyone wishing to marry." While the definitive tome grants the holiday to those standing on the ledge, it says nothing about those who have already jumped.

In an effort to answer the question: is love a fruit of marriage or a casualty?, Outlook found five married couples who not only sleep together but work in the same place, and asked them about love, romance, and commuting.

Married 26 years ago, Butch Reinke, director for the Administrative Computer Center, and Vicky Reinke, assistant director of Student Services, met in undergraduate school at Texas Lutheran University.

"One of the advantages of working in the same place is that we share a community," Butch says.

"But we deal with different elements of the community," Vicky says. "I see graduate students, and Butch deals with a much broader spectrum of people."

Because of this, the couple says, they have a larger view of the university.

The Reinkes say that the campus is big enough that they "virtually never come into contact" with each other. The couple has different schedules as well.

And they do not commute together. Ever.



Butch and Vicky Reinke

"We'd kill each other. We have different driving styles and philosophies," Vicky says, meeting her husband's amused gaze. "Let's just say I'm more assertive."

The Reinkes have one son, who to his parent's relief, chose to go to William and Mary College rather than the University of Maryland. "The institution is large," Butch says dryly, "but not large enough for an entire family."

Asked what constitutes a loving relationship, the twosome mentioned tolerance, supportiveness and patience. Also Vicky says, love "is the desire for the other to be whatever the other can be."

"Relationships should be the most important thing in a person's life," Butch adds.

Enough about fond sentiments. What about passionate romance?

"At this point it's...," Vicky says, pausing. "It's..."

Butch leans heavily on the conference table in his office. "Overrated," he says.

Vicky confesses that romance is not something she and Butch are always aware of.

"It kind of bubbles to the top every once in a while as a recognition that we appreciate being together," Vicky says. "It's not candy and flowers. It's a particular comment, a gesture, something that stirs memories."

With respect to the sweeter emotion, Vicky says Butch is great about sending flowers. "And he's a fantastic cook."

"That's self-defense," Butch says.

Love brought Ulrike Kraske to the United States. She and her husband, Gary, met on a blind date in Berlin, Germany where Gary was working as a librarian for the U.S. Army. They were married in Montana, 20 years and two daughters ago.

Today, Gary is the associate director of the McKeldin Library and Ulrike works part time at the university overseeing the conversion of music scores, for the retrospec-



Ulrike and Gary Kraske

tive Conversion Project.

Together at home. Together on the job?

"We never see each other," Ulrike says.

"I don't think anything about love. I think you should marry a good friend. Infatuation fades," Gary says.

"In the long run friendship is more important," Ulrike agrees, "and respect for each other and to maintain your individuality."

Ron Elliston and Ronnie Wells really do make great music together. She teaches jazz vocals, and he teaches classical and jazz piano at Tawes. Together, they conduct the weekly piano jazz vocal workshop.

"We like doing the same things," Ronnie says. "We're both musicians, we both record and we're friends."

"With both of us loving jazz as we do, it flows over into our relationship."

Ron and Ronnie performed jazz at nightclubs together, he accompanied her singing on the piano, for almost seven years before becoming



Ron Elliston and Ronnie Wells

involved—not that friends believed their relationship was platonic until then. Ron and Ronnie apparently were the last to see how much one was interested in the other. "We were both surprised," Ronnie says.

The advantage of working together, she says, is that they know one another so well. "I think we have grown, musically and personally," Ronnie says. "We both understand the projects we're working on. We tend to grow together."

Ron says the disadvantage of working closely is separating home and work. "You have to work very hard not to allow domestic problems to enter your professional relationship and to keep professional problems from your domestic relationship."

Romance, Ron muses, is being conscious of how great even the more prosaic aspects of existence are.

"The way you live your life should be a romance," he says. "I mean, I like birds and animals a lot. And I certainly love jazz. I really do believe that God is love, and love—life, growth and creation—is the reason we're here."

"Love is the feeling, the emotion. Romance is the behavior. And buying flowers is obligatory."

In 1977, Gary Lapanne, a manager in animal sciences, met his wife-to-be over

ice cream at the dairy. Nancy, a student at the University of Maryland, and Gary were coming out of failed relationships, and neither wanted to get serious. Six weeks later, they knew they wanted to marry.

They waited until 1980 to make it legal.

For the past 14 years they've commuted together. Gary drives to his office in Turner Laboratory, then

Nancy takes the car to Architecture where she is assistant to the dean.

"The morning commute is quiet," Gary says. "In the afternoon drive we discuss the day."

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Love Expert Gets to the Heart of Relationships

Love is like eating in a restaurant. We all have different appetites but we all know how to order. Some, however, can make their selections in flawless French. Professor Norm Epstein would be one of those people.

Epstein is a love expert. Couples come to him for counseling, they complete his questionnaires and they talk, and talk, about breached boundaries, problematic differences, and acceptance.

The professor is a therapist and supervisor in the Family Service Center, a couples and family therapy clinic, who has done research and clinical work on relationships for more than 20 years.

Epstein says failure to talk, or communicating in a negative way is a common problem with couples. Differences

are not necessarily bad as long as couples learn to accept and live with them. Some partners want to do things together, others think it is okay to do things separately and, Epstein says, if they can reach a sense of balance and compromise they'll do well enough.

"There are some beliefs that get people into trouble. Mind reading for one. No one can read someone else's mind," Epstein says. Some people think their partners should be able to sense each other's moods and needs. "People who believe that get frustrated," Epstein says. "Instead of telling you they've had a bad day, they expect you to know."

Conflict avoidance can be another obstacle to a healthy relationship. "Some people think that disagreement is bad for a relationship," Epstein says.

"If you share emotions, you're going out on a limb." But by making direct requests in positive and constructive ways, instead of criticizing, coercing and being overly negative, Epstein says, couples can learn to communicate successfully.

"Communicating openly," Epstein says, is the way to bypass problems. "Show tolerance and acceptance and don't demand that the other person be the way that you want them to be."

Epstein's advice to couples is to keep expectations realistic. When you are telling your significant other what you want, "preface the statement with empathy for that person," Epstein says. "Don't throw everything in but the kitchen sink."

"One thing that's real important is

the ability to grow and change over time. People develop and change. What fits right now might not fit the situation later," he says. "Work together."

Epstein says that relationships have three stages. The first is the sparkling, honeymoon stage in which partners overlook faults and ride on an emotional high.

After the first few years, disenchantment characterizes the second stage and companionship becomes more important than sexual attraction. It is at this point that flaws are noticed.

Finally, stage three is the acceptance phase. Mates accept each other and reaffirm the strengths that brought them together. And if they have forgotten what the attraction was, precisely, they can "look to build new bridges."

Calendar Feb. 14-Feb.23

Arts

Art Exhibit: "Sources: Multicultural Influences on Contemporary African American Sculptors," through April 11, The Art Gallery, Art/Sociology. Call 5-2763 for info.

The Concert Society at Maryland Chamber Music Series: Sat., Feb. 19, Lauren Wagner, soprano, 8 p.m., UMUC Center of Adult Education Auditorium, \$18, students \$8. Call 403-4240 for info.

Concert: Tue., Feb. 22, Symphonic Wind Ensemble, John Wakenfield, conductor, Grand Ballroom Stamp Student Union. Call 5-5545 for info.

Black Alumni Association Performance/Book Signing: Wed., Feb. 23, A performance ensemble by *The Spoken Word* and a tribute to Darrell Stover, 7-9 p.m., Nyumburu Cultural Center. Call 4-7758 for info.

Lectures

Entomology Colloquium: Mon., Feb. 14, "Common Statistical Problems in Design, Analysis, and Presentation," Larry W. Douglass, 4 p.m., 0200 Symons. Call 5-3911 for info.

Horticulture Colloquium Series: Mon., Feb. 14, "Role of Sorbitol in Apple Fruit Growth and Development," 4 p.m., 0128 Holzapfel. Call 5-4355 for info.

Department of Spanish and Portuguese Lecture Series: Thu., Feb. 17, "Hegemonic Regulation and the Text of Fear in Puerto Rico: Towards a Restructuring of Common Sense," Maria Milagros Lopez, University of Puerto Rico, 5 p.m., 2215

Jimenez. Call 5-6441 for info.

Entomology Colloquium: Mon., Feb. 21, "Can We Use Semiochemicals to Manage Beneficials?" Jeffrey R. Aldrich, Insect Chemical Ecology Laboratory, 4 p.m., 0200 Symons. Call 5-3911 for info.

Horticulture Colloquium Series: Mon., Feb. 21, V.S. Seetha, 4 p.m., 0128 Holzapfel. Call 5-4355 for info.

Department of Spanish and Portuguese Lecture Series: Mon., Feb. 21, "Towards a New Critical History," Patricia Seed, Rice University, 5 p.m., St.Mary's. Call 5-6441 for info.

Distinguished Lecturer Series: Wed., Feb. 23, "Can Clinton Transform the System?" James MacGregor Burns, 3:30 p.m., 2203 Art/Sociology, reception to follow. Call 5-1482 for info.

Meetings

Lesbian and Gay Staff and Faculty Association Brown Bag Lunch: Tues., Feb. 15, noon-1:30 p.m., Maryland Room, Marie Mount. Call 5-6384 for info.

Counseling Center Research and Development Meeting: Wed., Feb. 16, Verna Wilson, noon-1 p.m., Shoemaker Testing Room. Call 4-7690 for info.

Miscellaneous

Crossroads in Film: Thu., Feb. 17, screening of "The Last Supper," 7 p.m., St. Mary's Multipurpose Room. Call 5-2118 for info.

American Association of University Published Women Luncheon: Fri., Feb. 18, Peggy

Johnson, noon-1 p.m., Carriage House Rossborough Inn, \$10. Call 4-8013 for info."

Campus Guest Services Conference and Meeting Services Showcase: Tue., Feb. 22, university departments and local businesses featured, 2-5 p.m., Colony Ballroom Stamp Student Union. Call 4-7884 for info.

University Health Center Minority Health Fair: Wed., Feb. 23, 11 a.m.-2 p.m., Tortuga Room, Stamp Student Union. Call 4-8128 for info.

Seminars

Space Science Seminar: Mon., Feb. 14, "Do Solar Magnetic Fields Play a Role in Coronal Fractionation Processes?" Peter Boschler, University of Bern, Switzerland, 4:30 p.m., 1113 Computer and Space Sciences. Call 5-6199 for info.

Molecular and Cell Biology Graduate Program Seminar: Wed., Feb. 16, "Growth Factors: Identification and Function in the Uterus and Early Embryo," Louis Guillette Jr., University of Florida, 12:05 p.m., 1208 Zoology/Psychology. Call 5-6991 for info.

ENRE 648I/ENNU 648Z/ENMA 697A Seminar: Thu., Feb. 17, "Risk Assessment & Worldwide Status of Nuclear Reactors," Themis Speis, Nuclear Regulatory Commission, 5 p.m., 2110 Chemical and Nuclear Engineering. Call 5-5208 for info.

ENRE 607 Reliability Seminar: Thu., Feb. 17, "Surface Mount Design for Serviceability," Louis Abbagnaro, Pace Inc., 5:15-6:15 p.m., 1111 Instructional Television Facility. Call 5-3887 for info.

Geology Seminar: Fri., Feb. 18, "Hekla 1991 Eruption: Watching Magma Rise," Alan Linde, Department of Terrestrial Magnetism, 11 a.m., 0103 Hornbake. Call 5-4089 for info.

Community Planning Program Seminars: Sat., Feb. 19, "St.Petersburg: Russia Planners Adapt to a Market Economy," Nikita Maslennikov, Head State Architectural Institute, 10 a.m.-noon, second floor seminar room, 2W11 UMAB School of Social Work, across from the University of Maryland Hospital. Attendance is compulsory for first-year planning students. Call 5-6790 for info.

Space Science Seminar: Mon., Feb. 21, "Characteristics of Small-Scale Plasma Density Irregularities in the Ionospheric Cusp," Kile Baker, Johns Hopkins University, 4:30 p.m., 1113 Computer and Space Sciences. Call 5-6199 for info.

Women Studies Program 6th Annual Polyseminar: Tue., Feb. 22, "Why Isn't Post-Cold War Post-Patriarchy?" Cynthia Enloe, Clark University, 8 p.m., 2203 Art/Sociology. Call 5-6877 for info.



Soprano Lauren Wagner performs on Saturday, Feb. 19 at UMUC.

At the Movies: Film Series Celebrates Diversity

Throughout the spring semester, these films will be shown every hour on the hour (unless otherwise noted), at Nonprint Media Services, 4th floor, Hornbake Library. For more information, call 405-9236.

"Sisters in the Struggle," Through Sat., Feb. 19. Explores the diversity, vision and impetus of the contemporary Black women's movement in Canada. The film articulates the struggles of Black women resisting the cultural, economic and legislative practices which subordinate them. 50 minutes.

"Toni Morrison," Sun., Feb. 20, through Sat., Feb. 26. Morrison reads from her two novels, *Beloved* and *Jazz*, and discusses her views of the contributions made to American literature by the experiences of African Americans. 25 minutes.

"All of Our Lives," Sun. Feb. 27, through Sat., Mar. 5. Examines the plight of aging women, many of whom must face their later years stranded without a pension and are financially

insecure. 30 minutes.

"Refugees in Our Backyard," Sun., Mar. 6, through Sat., Mar. 12. Discusses why Central Americans are seeking entry into the United States, the obstacles they face, and the problems this migration has created for much of the nation. 59 minutes.

"Festival of American Folklife," Sun., Mar. 13, through Sat., Mar. 19. Shows different events of the American Folklife Festival's 1976 bicentennial celebration in Washington, D.C. Reflects the diversity of cultures found in the U.S., as seen by the folk dances, music, arts and crafts. 28 minutes.

"Storytellers," Sun., Mar. 20, through Sat., Mar. 26. Documents a series of special evenings on Broadway featuring some of America's best known authors reading their own stories: Glenn Close, Woody Allen, Kurt Vonnegut and Alice Walker. 58 minutes.

"Gomberg at 82," Sun., Mar. 27, through Sat., Apr. 2. Presents a fiction-

alized account of the life of a typical elderly Jewish immigrant in New Jersey. Follows his activities from his birth in Russia to his granddaughter's wedding. 29 minutes.

"People First," Sun., Apr. 3, through Sat., Apr. 9. Demonstrates ways to break down both physical and attitudinal barriers in libraries seeking to serve patrons or employ individuals with disabilities. 38 minutes.

"American Becoming," Sun., Apr. 10, through Sat., Apr. 16, 9 and 11:30 a.m. and 2, 4:30 and 7 p.m. Looks at the United States as it becomes an increasingly diverse nation. Since 1965 immigration patterns have changed, bringing in more people from Asia and Latin America, with new cultures, language and religions. 88 minutes.

"Educating Peter," Sun., Apr. 17, through Sat., Apr. 23. Follows Peter, a Down Syndrome child who has always attended special schools, through his first year in a regular classroom. 30 minutes.

"Let Me Be Brave," Sun., Apr. 24, through Sat., Apr. 30. Chronicles an attempt by 12 mentally disabled young people to climb Mt. Kilimanjaro, Africa's highest peak. 45 minutes.

"Cowgirls," Sun., May 1, through Sat., May 7. Recognizes the contributions of women to ranch life in the American West. Profiles and talks with four females: 60-year-old Nevada rancher Norma Hapgood, 34-year-old amateur rodeo rider Melody Harding, nine-year-old Oregon cowgirl Cricket Long and her six-year-old sister, Nondi. 30 minutes.

"The Water Is So Clear," Sun., May 1, through Sat., May 7. Describes the plight of the Taos Indians and the threat to the land in the Blue Lake area of New Mexico which they consider sacred. Contrasts the Indians' attitudes about the land and its wildlife with those of the lumbering companies which want to harvest the forest. 32 minutes.

Molecular and Cell Biology Graduate Program Seminar: Wed., Feb. 23, "Structure/Function Studies of Interferon Tau Evidence for Multiple Active Sites," Carol Pontzer, 12:05 p.m., 1208 Zoology/Psychology. Call 5-6991 for info.

Department of Agricultural Engineering Graduate Seminar: Wed., Feb. 23, "Citizen Involvement in Chesapeake Bay Issues: Problems and Successes," Frances Flanigan, Executive Director, Alliance for the Chesapeake Bay, Inc., 4 p.m., 0422 ENAG/ANSC Building (#142). Call 5-1198 for info.

Workshops

Peer Computer Training: Tue., Feb. 15, "Intro to UNIX," 6-9 p.m., 4352 Computer and Space Sciences. \$5. Call 5-2941 for info.*

Peer Computer Training: Thu., Feb. 17, "Networked Resources, Part 1," 6-9 p.m., 4352 Computer and Space Sciences. \$5. Call 5-2941 for info.*

Peer Computer Training: Tue., Feb. 22, "Networked Resources, Part 1," 6-9 p.m., 4352 Computer and Space Sciences. \$5. Call 5-2941 for info.*

Center for Teaching Excellence Faculty Workshops: Thu., Feb. 17, 1-4:30 p.m. and Fri., Feb. 18, 9 a.m.-12:30 p.m., "Teaching with Technology II," Maryland Room, Marie Mount Hall. Call 5-9368 for info.

Calendar Guide

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314- or 405- respectively. Events are free and open to the public unless noted by an asterisk (*). For more information, call 405-4628.

Listings highlighted in color have been designated as Diversity Year events by the Diversity Initiative Committee.



Two years ago, Cole Field House was standing room only at the Maryland vs. Virginia women's basketball game. This year, all faculty, staff and students are encouraged to fill the house again during "Maryland Student, Faculty/Staff Night," on Feb. 23.

Fill Cole Field House and Cheer on the Terrapin Women

Become part of a Maryland tradition and earn the chance to win two free airline tickets from USAir on Wednesday, Feb. 23. At 7:30 p.m. that night, the Maryland Terrapins' women's basketball team takes on the Virginia Cavaliers at Cole Field House.

The Maryland vs. Virginia game has become a tradition at the university. Two years ago, the game witnessed a 14,500-person sellout, the largest crowd for a women's basketball game in ACC and Maryland history, and the sixth largest crowd in NCAA history.

Even last year, with the game taking place on Inauguration Day, more than 7,000 people were in attendance at the game, the Terp women's second largest crowd.

Billed as "Maryland Student, Faculty and Staff Night," the Feb. 23 event features a halftime special where ten university faculty and staff will be chosen from the Registration Box on the Cole Field House concourse to participate in the USAir Airplane Toss. The faculty/staff member flying his or her self-

made paper airplane the farthest distance across the basketball court will take home two roundtrip tickets on USAir, good for travel anywhere within the continental U.S.

Admission for faculty, staff and their families is \$3 each and tickets can be purchased in advance at the Cole Field House ticket office. Just bring your faculty/staff card and identify yourself as university faculty/staff. Groups of 20 or more will be admitted at the group rate of \$2 each, as long as tickets are purchased at least one day prior to the game.

In preparation for Wednesday night's game, a pep rally will be held on Tuesday, Feb. 22 at 12:30 p.m., in the Roy Rogers dining area of the Stamp Student Union. The rally is free to everyone and includes food specials and giveaways, along with a chance to meet the players and coaches.

For more information, contact Lisa Speas at 314-7071. This event is co-sponsored by the President's Commission on Women's Affairs and the Department of Intercollegiate Athletics.

Winter Woes

continued from page 1

gets too cool.

"You can close the campus," says Baker, "but you can't shut it down." Researchers need to keep experiments going and there are animals to be fed. Students had returned for the new semester, which meant that residence halls and dining halls had to be open for business.

"Resident Life was run ragged keeping up with the demand," says Baker. "They were trying to get ready for the normal student load when all this hit," he says. "Resident Life did a masterful job."

Baker says the university's decision to close campus was one of safety concerns. "They couldn't have thousands of people walking on ice," says Baker. "Employees and students would never have been able to find a place to park, much less walk across campus from their cars or to classes." Several of the physical plant employees, he says, ended up in the hospital as a result of falls.

Many of the steps on campus, says Baker, looked like frozen waterfalls. "We had to get ice chippers out," he says. "And we were working in zero

degree weather with a wind chill that made it 30 below zero some days."

The biggest problem was the parking lots, says Baker. The crews didn't have much success getting down to pavement until Friday or Saturday, particularly on the north side. "They piled on the sand; that's all they could do."

With students to feed, not to mention employees, the dining halls were open for business. Every morning at 3 a.m., the bakery opened to make fresh doughnuts.

Normal work hours for snow days are 10:30 to 2:30 p.m. and 4:30 to 6:30 p.m., says Joe Mullineaux, assistant director of dining services. "But we worked 7 a.m. to 7 p.m. all week."

And when weather reports predicted an icy Tuesday morning, 10 staff members at Ellicott Hall spent the night Monday in order to insure they'd be open Tuesday morning. In addition to three dining halls, the convenience stores in the dorms were open until midnight. "Of our 700 employees, 400 made it in during the storm (including students and part-timers) to help out," says Mullineaux.

Also open that week were the

libraries. According to Frank Boches, of university libraries, 2,781 people entered one of the three campus libraries that were open for limited service between Thursday, Jan. 20 and Sunday, Jan. 23. Sixty-three employees, including 36 student assistants, responded to 922 reference and information questions during the four days.

Meanwhile, on Saturday, Jan. 22, the weather took its toll on the ground floor of the Art Library where bursting pipes above caused some flooding. Courtney Shaw, art library head, and staff came in over the weekend to work with physical plant people in mopping up.

There is a price to be paid for the cold that came through town. Estimates for the whole operation, including manpower, insurance claims and more are totaling over \$3 million and areas are still being surveyed for damage. "We're still recovering from this," says Baker.

The employees' efforts did not go unrecognized. On Feb. 2 a thank you breakfast was held and T-shirts reading "Deep Freeze '94" were given to all of the unsung heroes of the storm.



Students took advantage of the ice-plated campus during Deep Freeze '94.

Nick Weiss

Here's To...

The University of Maryland at College Park for receiving the 1993 Governor's Award for Excellence in Risk Management at the State Employees Risk Management Administration (SERMA) Fall Conference. The university was recognized for its success in implementing the required elements of the Governor's Risk Management Program and in reducing the suffering and financial impact associated with accidents in the workplace. The award was presented to Sue Kernan, UMCP Committee Chair at the ceremony.

Robert Ryan, acting director of Environmental Safety, who received the Governor's Citation. Ryan's collegial management style and consultative approach toward environmental safety problems were cited among his accomplishments.

Sherif Aggour, professor of civil engineering, for being elected Fellow in the American Society of Civil Engineers. He was also elected to the board of directors of the Potomac Chapter of the Maryland Society of Professional Engineers, and is serving as the chapter's legislative chairman.

Yiannis Aloimonos, associate professor of computer science, for being given the Bodossaki Foundation Academic and Cultural Prize in the field of artificial intelligence and neural networks systems, which carries an award equivalent to \$30,000.

Eugenie Clark, professor of zoology, for being one of three recipients of the Franklin L. Burr Award, given by the National Geographic Society's Committee for Research and Exploration for her studies of deep-sea and shallow water fauna. The award carries a \$10,000 prize.

Bruce Crabill, a lead system's programmer for the Computer Science Center, who recently signed a contract with IBM for the transfer of rights for printing software which he developed here. The software enables the Administrative Computer Center's mainframe to send print files to workstations. The new print function is expected to be available in the next major release from IBM.

Theodore Einstein, professor of physics, for being awarded a U.S. Senior Research Fellowship by the Alexander von Humboldt Foundation. His sponsor is Harald Ibach of the Forschungszentrum Juelich, Germany. Einstein will spend one month out of each of the next three summers working with Ibach at Juelich.

Robert Gluckstern, professor of physics, for being elected a Fellow by the American Association for the Advancement of Science. He will be presented with a certificate and rosette pin on Feb. 20 at the Fellows Forum to be held during the 1994 AAAS annual meeting in San Francisco.

Parvez Guzdar, of the Institute for Plasma Research, for being elected a 1993 Fellow of the American Physical Society.

Richard Berg, physics, for receiving the Award for Excellence given by the Science and Technology Resource Center of Prince George's Community College at their seventh annual Science Engineering Education Day luncheon. The award recognized Berg for his willingness to share his expertise with the students of the college and with thousands of other students from the Prince George's County Public School System.



Robert Berdahl, professor of education policy, planning and administration, for recently receiving the Howard Bowen Award for Lifetime Achievement at the annual Study of Higher Education meeting in Pittsburgh in November. He is only the seventh scholar to receive this award.



Ben Holman, professor of journalism, for being elected a member of the editorial board of directors for 1994 of the Washington Association of Black Journalists.



Rita Colwell, president of the University of Maryland Biotechnology Institute, for being voted president-elect of the American Association for the Advancement of Science (AAAS), the world's largest scientific organization. Her three-year term with AAAS begins in February. She will serve as president in 1995 and chairman of the board in 1996.



Jack Minker, professor of computer science, for being selected as a fellow of the Association for Computing Machinery.

Jerald Hage, professor of sociology, for being awarded one of two Centennial Chairs for visiting research professors at the London School of Economics for the spring 1994 semester.

Irmeli Kuehnelt, a graduate student in the Department of Germanic and Slavic Languages and Literature, whose annotated bibliography for her dissertation research on the early 13th century German medieval epic Reinhart Fuchs (Reynard the Fox) was accepted for publication by Kummerle Publisher, Göttingen, Germany.

Stephen Leatherman, professor of geography, for producing "Vanishing Lands," a film on sea-level rise and coastal erosion, which has won three major awards for excellence: a CINE Golden Eagle, a Golden Azor from Radiotevisao Portuguesa and a first prize in the science category at Ekofilm '93. It has been selected by the U.S. Information Agency to be shown around the world on Worldnet and will be placed in every U.S. Embassy and American school abroad. It will also be shown on various PBS stations this fall, on the University of Maryland Flagship Channel and on the Woods Hole Sea Grant Program's Shore Watch series.

Shuming Lu, a graduate student in

speech communication, has published a Chinese translation of Spence's *The Gate of Heavenly Peace: The Chinese and Their Revolution, 1895-1980* with fellow Chinese scholar Yihong Shen through The Chinese Publishing House.

Mary Sies, assistant professor of American studies, for being elected president of the Society for American City and Regional Planning History this past November. She will serve a two-year term.

Frederick Wheaton, professor of agricultural engineering, for recently receiving the 1993 Award of Excellence from the Bioengineering Section of the American Fisheries Society, based in Bethesda. Wheaton has published more than 75 research papers and is the author of three books.

Donat Wentzel, for recently being appointed professor emeritus of astronomy. He has authored more than 95 articles or reports and developed the lab course ASTR 110. His book, *The Restless Sun*, was published as a volume in the Smithsonian series on the solar system and was named book of the year in 1989 by the Astronomical Society of the Pacific. He has been active supporting the teaching of astronomy in developing countries, is now the academic

organizer of the International Schools for Young Astronomers, and has taught in India, Sri Lanka, Indonesia, Malaysia, Kenya and Paraguay.

Andrew Wolvin, speech communication, who is spending the spring 1994 semester as a visiting scholar at Cornell University.

CAUSE Conference Awards
The university presented three demonstrations at the CAUSE Conference in December. CAUSE is a national organization that promotes the management and use of information technology in higher education. Tripti Sinha of Academic Data Systems gave a poster presentation illustrating the "Notes" feature within the student ADVISE system, and Jacob Lee and Barbara Riggs of the Records Office gave a poster presentation highlighting several capabilities of the Student Information System. Both presentations won awards at the conference.

Barbara Hope of Academic Affairs and Jennifer McDermott of Academic Data Systems also demonstrated the university's electronic routing and notification system developed by Eloy Areu, Jeff Lemich and Tim Munn of Academic Data Systems.

Take note

New Shuttle Route Shortens the Trip to Campus

A shorter campus shuttle route to the College Park metro station is now up and running, due to the cooperation of campus representatives and the City of College Park.

The new east side route, which only takes 10 minutes, will be in operation for 14 runs every day, beginning in the morning from 7:30 to 9:20 a.m., and in the evening from 4:40 until 7:20 p.m. The longer route, which stops on the west side of the metro station, will run all day.

Ridership figures for the first three days the longer route was opened showed almost as many riders as the established New Carrollton metro route. This showed Jeffrey Smith, SGA vice president of campus affairs, that it was important to make the metro station as accessible as possible. He testified with other student representatives at a hearing to make the shorter route possible.

The meeting of city and campus officials sets a precedent of better relations between the two. "I was very impressed with the city's cooperation with the campus," says Smith. "I think it signals the beginning of a new, more improved relationship."

Botany Professor Gantt Honored by NAS

Botany professor Elisabeth Gantt was recently honored by the National Academy of Sciences for excellence in published research on marine or freshwater algae. She received a medal and a \$15,000 prize.

Gantt received the award for her pioneering work in elucidating the supramolecular structure of the light-harvesting complexes and energy transfer in the photosynthetic apparatus of red and blue-green algae. The award was established through the Helen P. Smith Fund.

Gantt was among 15 individuals to receive awards honoring their outstanding contributions to science. The awards will be presented April 25 at a ceremony in Washington, D.C., during the academy's 131st annual meeting.

Comet Heads for Collision with Jupiter

Sometime in the third week of July, a fragmented comet strung out across 100,000 miles of space will slam into Jupiter, the largest planet, over a six-day period in a cosmic event unparalleled in our lifetimes.

Called comet Shoemaker-Levy 9 after its discoverers' ninth comet find, the comet's impact represents the first time in human history that people have discovered a body in space and have been able to predict its impact on a planet more than seconds in advance. The energy from the impact will dwarf the largest nuclear warheads ever built, sending shock waves reverberating throughout the interior of the planet.

The University of Maryland at College Park will serve as the official Shoemaker-Levy 9 Comet Information Center. In January, a planning workshop was held in the Physics Building. Topics examined included the programs being planned to study the celestial event, the physical properties of the comet, its impact and consequences of the impact on Jupiter.

Ironically, the most significant cosmic event in recent history will be largely invisible to human eyes—the crash is occurring on the side of Jupiter facing away from Earth. But the event will still provide a bonanza of scientific data for scientists and astronomers around the world. "We want to ensure that critical observations are made to maximize our understanding of this phenomenon," says Lucy McFadden, visiting associate professor in the Department of Astronomy. "It is a rare opportunity and a technical challenge to observe the consequences of this collision." She is quick to add, however, that "we are lucky to be a safe distance from the impact."

Manufacturing Program to Prepare Engineers for the Next Century

The College of Engineering is facing the 21st century head-on with an approach to manufacturing education that couples undergraduates with industry in integrate multi-disciplinary product development teams.

The \$3 million project will be funded in part by federal matching funds from the Technology Reinvestment Project and the Department of Defense. Scheduled to begin this January, the three-year project is designed to give undergraduate engineering students the experience of designing and manufacturing consumer products in partnership with defense related and commercial companies.

Two areas identified as national priorities will be emphasized in the new curriculum—designing and manufacturing with new materials, and the design, manufacture and packaging of actual reliable electronic devices. These are obvious areas of focus for the College of Engineering because "that's where our strengths are," says Edward Magrab, professor of mechanical engineering, and one of the principal investigators on the project.

The program has four key elements, the first of which is the development of new teaching methods. A team of "on demand" faculty members, comprised of industry experts, faculty members from the College of Engineering and the College of Business Management, graduate teaching assistants and undergraduate fellows, will be formed to provide "just-in-time" teaching on a broad range of engineering and environmental issues.

The other elements include the creation of student-run, integrated product development teams, the development of a manufacturing concentration and an extensive, yet highly focused, offering of modern manufacturing core courses.

Inbrief

The Maryland African American Experience—To commemorate Black History Month, a special exhibit entitled "The Maryland African American Experience" is on display, Mondays through Fridays, from 10 a.m. to 5 p.m., in the Maryland Room at McKeldin Library during the month of February. The exhibit features a series of photographs depicting Marylanders who played key roles in the experience, including the late Supreme Court Justice Thurgood Marshall, former Congressman Parren Mitchell, Congressman Kweisi Mfume, the late Gov. Theodore Roosevelt McKeldin, and others. Warren Stephenson, archives and manuscripts, coordinated the exhibit.

Showcasing Meeting and Conference Services—Campus Guest Services invites all faculty and staff who plan meetings and conferences to attend a conference and meeting services showcase on Tuesday, Feb. 22, from 2 to 5 p.m., in the Stamp Student Union Colony Ballroom. The showcase features university departments and local businesses that provide services to people who plan conferences, events and meetings. Services invited to display at the showcase include: conference planning and registration; travel and transportation; catering and food; conference facilities and hotels; audio-visual and technical support; special events planning; tours, recreation and entertainment; printing and photography; and supplies.

Refreshments will be provided and door prizes will be awarded. To attend, please call 314-7884 by Friday, Feb. 18. The showcase is free.

Outstanding Woman Award and Talent Show—Suspense, laughter, pride and great fun will be in huge supply at a grand party given by the President's Commission on Women's Affairs on Tuesday, Mar. 1, from 11:30 a.m. to 2 p.m., in the Colony Ballroom of Stamp Student Union. The party is a kickoff event for a year-long celebration of the commission's 20th anniversary. President William E. Kirwan will announce the campus' 1994 Outstanding Woman at the party, followed by a ceremony honoring the recipient of the prestigious award. The winner's name will not be announced before the actual ceremony. A talent show featuring acts by students, faculty and staff will also be part of the three-hour party. More than 30 individuals and groups auditioned for the show, which will feature about 10 acts. Performances will include dance, poetry and dramatic presentations, singing, and the playing of musical instruments. Everyone is invited to attend. Unit directors are asked to make it easy for their female employees to participate by arranging their work schedules accordingly. For more information, call 405-2312.

Terrapins Unite—The Terrapin Club (Maryland Education Foundation) is developing a campus chapter to complement the 16 county chapters which exist throughout the state. The club provides scholarship support to UMCP athletic programs. For more information or to volunteer for the steering committee, contact Bob Miller at 405-2310, or Terry Miller at 405-7760.

Developing Children's Language and Reading—The Children's Developmental Clinic is now accepting registration for the Spring 1994 session. The clinic provides a special service to children, birth through age 21, who are experiencing various developmental problems such as learning problems in school, delayed motor or language skills, physical fitness or coordination problems, and physical, mental or emotional handicaps. Children can attend the clinic in the university's North Gym Complex for nine Saturday mornings. During the sessions children participate in a one-to-one individualized motor development program and if needed are scheduled in either the language or reading phases of the clinic. A parent education program runs in conjunction with the children's session. For further registration information, contact Paul Hahn or Kathy Hinkal at 301-322-0519.

Constitutional Review—The constitution for the system-wide Council of University System Staff (CUSS) is available for review by all interested parties at the reference desks of McKeldin and Hornbake Libraries. There will be a public forum on Feb. 23 in the Maryland Room of Marie Mount Hall, from noon to 2 p.m., so that the College Park CUSS representatives can answer questions regarding the constitution and discuss other matters which staff would like to bring to their attention. Written comments may be forwarded to Cynthia Hale, Chair, CUSS, 2141 Tydings, Campus.

The Evolution of Hearing—The University of Maryland at College Park is pleased to announce an interdisciplinary predoctoral and postdoctoral training program in comparative and evolutionary biology of hearing. Trainees will have the opportunity to develop a broad background in the hearing sciences, while participating in research that emphasizes a range of animal species from insects to humans and methodological approaches that span molecular biology to psychoacoustics. The major goal of the program is to produce scientists who have an appreciation for, and an understanding of, the diversity and evolution of hearing mechanisms. Emphasis will be placed, wherever possible, on research that crosses experimental approaches and animal species. For further information about the program, contact Arthur Popper, 405-6884.

On Achieving World Peace: Uniting What We've Dismissed with What We've Embraced



**DIVERSITY
AT·UMCP
MOVING
TOWARD
COMMUNITY**

Name: Suheil Bushrui

Title: Baha'i Chair for World Peace, Center for International Development and Conflict Management

Self-Description: Refugee, Humanist, Critic, Scholar, Author, Teacher

Books: Nearly 30 works in two languages, including critical studies of Yeats, Joyce, Synge

Most recent book: *The Spiritual Heritage of the Human Race*

Raison d'être: "The fascination of what's difficult." —Yeats

"In the Center for International Development and Conflict Management, we have a holistic approach to conflict. We believe that you cannot only deal with the political and economic issues and development and all that. But there is a spiritual and there is a cultural issue. And this is where I, you see, come in.

The course I am teaching in the Honors Program, *The Spiritual Heritage of the Human Race*, comes from this approach. The spiritual heritage of the human race, you see, is not necessarily only present in the divine religions. It is also in this continuous attempt on the part of human beings throughout history to discover this mystery of the world of the spirit.

We study the ancient Egyptian religion, the Native American Indian tradition, the African religions, and other religions which have been the result of this desire to explore and know about the spirit....

You know, Einstein was at the Hebrew University in Jerusalem in 1950. And he gave a lecture entitled, *Strange Is Our Situation Here on Earth*. The most beautiful thing that we can experience, he wrote, is the mysterious.

"It is the source of all true art and sci-

ence. He to whom this emotion is a stranger, who can no longer pause to wonder and stand rapt in awe, is as good as dead.... To know that wisdom and the most radiant beauty which are dull faculties can comprehend only in the most primitive form is knowledge. This feeling is at the center of true religiousness...."

It is not only this same impulse that spawns poetry, art. Maybe also it is the same impulse that spawns economics, psychology....

And Einstein understood this....

In the course, we also study what I call spiritual ethics. You see, there are the nonessential aspects of every religion, and then there are the essential aspects. The nonessential aspects, you will find, are very much conditioned by geography, history, culture, language. But the fundamental truths remain one and the same. You have the golden rule, and the golden rule in all religions is: do unto others what you want them to do unto you.

I'm not in any way suggesting we should sacrifice the wisdom of the world for the wisdom of the spirit. On the contrary, it should go hand in hand. I am a great admirer of Frederick Schiller. *The Aesthetic Education of*



Suheil Bushrui

Man is one of the greatest books on education. The heart and mind, Schiller says, have to work together. It's a reconciliation....

Before the Industrial Revolution you had the tyranny of the schoolmen, the religious monks and clergy who assumed a certain degree of position and power. They were despotic, and the reaction to this was complete revolution: all right, these people have been so horrible, so let's dismiss anything to do with spirituality, and begin to talk about rationality. We replaced one despotism with another, the pragmatic scientist who said: I don't believe in anything which I cannot see under the microscope or under the test tube.

We've now reached the stage where we must unite what we've dismissed with what we've embraced. True religion, true spirituality, is that knowledge which brings together faith and scientific truth.

I read a statement by a university professor: We've don't have time to teach values to our students. They should concentrate on the sciences and

on knowledge and that's good enough for us. It is this kind of approach that results in the crisis the human race is going through today.

Now, there are marvelous things happening in the world today, one cannot deny that: Going to the doctor and having him laser treat your eye so that overnight, you can see is a marvelous thing.

However, the crisis is a spiritual crisis, a crisis of the soul. Drugs and violence and hatred and bigotry—this is infirmity of the human spirit. And these are not treatable by physical means....

I think we are now aware of the fact that regardless of the tremendous advances materially that have been achieved, there is something missing. And that is: How do we recreate a system of values that will allow us to honor the name of humanity?

I believe in the human race. And I believe that the human race becomes fully responsible of its humanity through education."

—TODD KLIMAN

Valentines

continued from page 1



Gary and Nancy Lapanne

"You hear friends say 'I wouldn't want to commute with my wife,'" Gary says. "But we're real good friends."

Gary and Nancy feel that honesty in communicating with each other has been the key in their marriage. "We don't let things fester," Gary says.

"We enjoy working for the same

place," Nancy says. "There are a lot of blessings, such as the flexible schedule."

That is important to the Lapanes who drive 80 miles from Calvert County.

When the Lapanes were first married they lived five minutes away from College Park. Playing a game of baseball on campus one afternoon, Gary slid into base and broke his leg. When his buddy called Nancy, she says, she did not believe Gary had really broken anything. "Can't it wait?" Nancy asked Gary's friend. "I'm waiting for the plumber." Thirty minutes later she drove to the ballfield to find Gary clinging to the base of a tree, refusing to go to the hospital without Nancy. Gary's pain didn't end there.

"I was the worst nurse," Nancy remembers.

"She's not cut out for the service industry," Gary says, rolling his eyes.

Nancy and Gary concede they are more practical than romantic. A romantic statement for Gary, he says, is "let's go play golf." He glances at his wife. "Romantic to Nancy," Gary says, "is when I give her the blanket."

Diane Barlow's best friend introduced her to her husband, Jewel, in a church youth group in Mississippi. "It worked out well enough that she still talks to us," Diane says.

Diane is assistant dean in the College of Library and Information Services. Jewel is director of the G.L. Martin Wind Tunnel. The Barlows have been married for 33 years and have been together at the university for 18 of them.

Normally, the Barlows do not join each other for the ride to work.

"Only in crisis situations," Diane says, smiling.

Although the couple has lunch together only about once a semester, they talk on the telephone every day.

"It's very nice to be able to see each other if we need to or want to," Jewel says.

Love, Diane says, is difficult to define. "You know it when you see it...."

"Chemistry is part of it. You worry about the other's desires as well as your own. That has to come into the equation," Jewel says.

If chemistry is love, then what is romance?

Jewel begins to speak but isn't fast enough. "Fun," Diane says quickly.

Jewels raises his eyebrows. "I was about to say 'mutually satisfying,' he says matter-of-factly.



Diane and Jewel Barlow