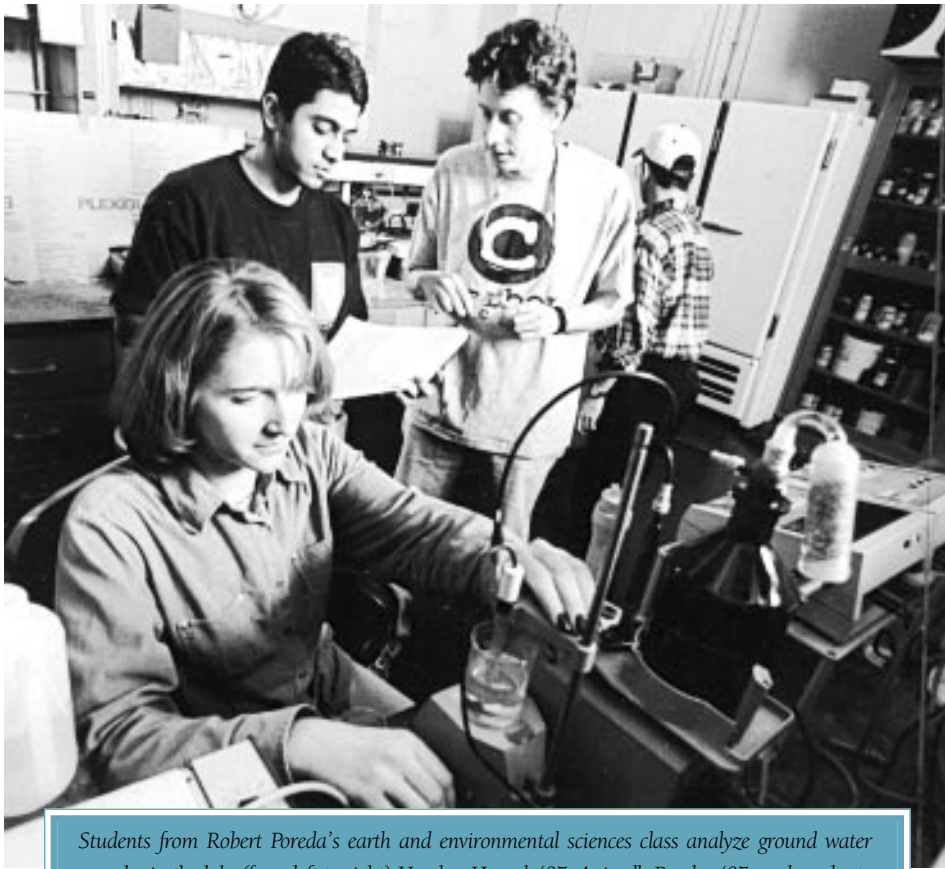


CURRENTS

UNIVERSITY OF ROCHESTER



Students from Robert Poreda's earth and environmental sciences class analyze ground water samples in the lab: (from left to right) Heather Hoyack '97, Anirudh Pandya '97, and graduate student Andrew Hunt.

Rochester students study water flow

Water flow patterns near Bergen, N.Y., may yield clues about the spread of a trichloroethylene spill there 20 years ago. Rochester undergraduates in Associate Professor Robert Poreda's earth and environmental sciences class are studying the "plume" (pattern of travel) of the spill and in the process helping staff from the Department of Environmental Conservation learn more about the area.

Twenty years ago a train traveling near Bergen ran off its rails. One of its tank cars ruptured, spilling tons of trichloroethylene over the surrounding field. (Trichloroethylene, a degreasing agent, is not harmful. Organisms in the ground can break it down into other compounds, however, including vinyl chloride, a carcinogen.)

This semester, Poreda's students explore neighboring areas around the site of that mas-

sive spill to investigate the water flow patterns in the Western Monroe county area. The patterns may yield clues about the spread pattern of the trichloroethylene plume.

About once a week, students go to various sites in Western Monroe county to take samples of ground water from wells and springs, and surface water from creeks. After collecting the water in vials, they record certain characteristics on the spot, such as temperature, pH and conductivity.

When the students return to the laboratory, they examine the chemical composition of the water to determine where it has traveled. The presence of certain minerals and sediment in the water indicates that the water has flowed across rocks or soil containing those same minerals, and thus give clues to the paths the water

continued on page three

Retirement Program adds to options

Effective January 1, the University's Retirement Program will offer the Fidelity family of mutual funds as investment options in addition to the existing TIAA-CREF, T. Rowe Price, and Vanguard funds. This change expands investment flexibility—one of the key objectives of the Retirement Program.

In view of the availability of new funds, it may be appropriate to review personal investment elections under the Retirement Program. Material is being mailed to regular full-time and

part-time faculty and staff that explains the investment options offered under the Retirement Program, and provides information on how to change personal elections now or in the future. The following material will be enclosed:

- *Understanding the Investment Choices Available Under the Retirement Program* This brochure summarizes the Retirement Program, describes key investment principles that may be helpful in developing an investment strategy, and defines certain commonly used investment terms.
- *An Investment Fund Comparison Brochure* This brochure compares the investment options offered by the Retirement Program. It also contains phone numbers of the investment companies for additional information regarding particular funds.
- *An envelope with enrollment forms* To make a

continued on page two

River Campus seeing vigorous progress on capital improvements program

As part of the University's \$74.5 million capital budget, the River Campus—like other parts of the institution—is undergoing an aggressive program of facilities improvement.

Unlike the Medical Center, which this year saw the completion of an entirely new building (the Ambulatory Center), no new buildings are going up. Instead, there has been a vast array of improvements—both large and small, readily apparent and invisible—to existing facilities.

"When President Jackson arrived, he made it a high priority to have the facilities assessed—to make sure that we didn't have a significant hidden financial problem in terms of deferred maintenance," said Ronald J. Paprocki, vice president for budgets and institutional planning. "The conclusion was that we did not have a 'mega-problem' as some other institutions do, although we had a backlog of issues that needed to be addressed."

In addition to continuing renovation of the River Campus residential halls and classrooms, the University has begun putting an additional \$1 million annually into River Campus capital improvements and maintenance, and has established a long-term program of "preventive maintenance" as well, he said.

Capital improvements recently completed or now underway include:

- Continuing renovation of the residential halls. Gilbert Hall, following in the footsteps of Hoeing, Tieman, and Lovejoy, is now being renovated. Improvements include a "front-door concept" that improves pedestrian traffic, lounges on each floor, wood accents to soften the concrete walls, and much more electric power to each room.
 - Landscaping of the Residential Quadrangle.
 - Installation of ResNet, which provides web access from students' own rooms. All of the Residential Quadrangle halls and Susan B. Anthony Halls are now connected; Anderson and Wilder Towers, Hill Court, and the Fraternity Quadrangle (as well as the Eastman School Student Living Center) are scheduled to be connected next year.
 - Rebuilding the Hill Court road system and tunnels.
 - Continuing improvements to College classrooms—all 77 of which have been touched in one way or another by the renovation over the past several years, according to the College dean's office.
 - Roof repairs to the Dewey Hall addition, Carol Simon Hall, Bausch & Lomb Hall addition, Lattimore Hall addition, Frederick Douglass Building, and Zornow Center/Alumni Gym.
 - Replacement and repair of light fixtures on the Rush Rhees Library dome.
- Improvement projects now scheduled or in the planning stages include:
- Installation, later in this academic year, of a new, state-of-the-art electronic information system to put the University libraries' collections, and worldwide resources, at the fingertips of Rochester scholars.
 - Replacement of the current University telephone system.
 - Work (next year) on air handlers in Meliora, Harkness, and part of Hutchison.
 - Rebuilding Hutchison Road, including the utilities underneath, as well as the sidewalks outside Interfaith Chapel.

- Reconstruction or replacement of the bridge connecting Hill Court to the rest of the River Campus.

- Much-needed refurbishment, this summer, of the seats in Strong Auditorium.

"The 'preventive maintenance' program is less apparent to the average observer, but those efforts are no less important than the more dramatic improvements," Paprocki said. For instance, an ongoing program to caulk window casings or replace a roof on an academic building will prevent much more costly repairs to the structure in years ahead.

Other River Campus changes are and will be seen as a result of Re-engineering Rochester proposals. For example, several student services offices are expected to change locations in order to merge functions or provide better service to students.

Moreover, the recommendations of the Residential College Commission (RCC)—to be delivered in February—are expected to result still more facilities changes and improvements.

A facilities planning process has been initiated to develop an overall plan for the campus, Paprocki said. The process will take into account the RCC recommendations, and also will help to determine the future of such buildings as Todd Union and Spurrier Gymnasium.

Making classrooms work

An effort started several years ago to improve College classrooms is paying off for students and faculty.

"At the beginning, we knew that the functionality of the classrooms was not where it needed to be—from the viewpoint of either faculty or students," said Associate Dean Ruth Hopkins, chair of the College's Classroom Improvement Committee. "For example, we learned early on from students that they couldn't hear well in many of the classrooms, and they felt crowded. There wasn't enough space to write on those little tablet desks.

"We also knew from faculty that they didn't have enough board space, reliable chalk supplies, and that classrooms were not cleaned or prepared in advance of the class," Hopkins said. "And sometimes they couldn't hear the students."

Renovations to College classrooms have included many improvements that aren't readily apparent—in air circulation and acoustical tiling, for example.

But other advances—carpeting, lighting, and technological changes—are easier to see. Over the past three years, all of the chairs in Morey, Meliora, and most of Gavett have now been replaced. Classroom lighting—including the installation of light-proof shades—has been improved in many rooms.

Video projection has been added to five lecture halls, and overhead projectors are now available in every regular-use classroom.

Dual-slide projection is available in five

continued on page two

Currents holiday hiatus

The next scheduled publication date for *Currents* is Monday, January 13, with a copy deadline of January 6.

Happy holidays to all faculty, staff, and students from the staff of the *Currents* office.



Improvements to the residential halls include lounges on each floor, more electric power to each room, and landscaping of the Residential Quadrangle. With major improvements to Gilbert Hall expected to be finished in 1997, sights such as the truck and piles of pavers above, will be a quadrangle memory.

Classroom

continued from page one

rooms, more chalkboard space was added in 10 rooms, sound capability was put in three rooms, and there are permanent video installations in 10 classrooms. At least one third of the classrooms have network connections, for faculty who want to make web presentations. One of two true "multimedia rooms" is Room 210, Lattimore Hall, which boasts two slide projectors, a laser CD player, VCR, and video and data projector.

As important, Hopkins said, the process of scheduling classrooms—and identifying audio-visual needs of each professor for that particular class—is no longer done in August, just before classes begin. Instead, classroom needs are solicited from departments and faculty eight months in advance, allowing the purchase of equipment and assignment of rooms tailored to individual needs.

In addition, all classrooms are now cleaned on a daily basis.

"The classroom is supposed to be the setting for intellectual excitement and engagement," Hopkins said. "When a faculty member walks into a clean, well-appointed classroom, the environment makes it that much easier.

"In all of ongoing cycle of improvements, the trick was to solicit more faculty and student feedback and to foster more communication and teamwork among the several offices responsible for classrooms," Hopkins said.

The Classroom Improvements Committee has representatives from the registrar's office, College dean's office, planning and project management, facilities, Academic Media and Event Support (AMES), and the University Computing Center. Faculty and students have joined the committee as projects are reviewed and have participated in periodic focus groups designed to identify both problems and solution.

p.m.; Tuesday, January 7, Room 2-6424, Whipple Auditorium, 3:30-4:30 p.m.; Wednesday, January 8, Room 2-6424, Whipple Auditorium, noon-1 p.m.; Thursday, January 9, Room 2-6424, Whipple Auditorium, 3:30-4:30 p.m.

River Campus: Thursday, December 12, 2:30-3:30 p.m.; Friday, December 13, 12:30-1:30 p.m.; Tuesday, January 7, 11:30 a.m. - 12:30 p.m.; Wednesday, January 8, 3:30 p.m. - 4:30 p.m. All meetings on the River Campus to be held in Hoyt Auditorium.

Eastman School of Music: Thursday, December 12, 9-10 a.m.; Friday, January 10, 11:30 a.m. - 12:30 p.m. All Eastman School meetings to be held in Howard Hanson Hall.

Laboratory for Laser Energetics: Thursday, December 12, 4-5 p.m.; Thursday, January 9, noon-1 p.m. All LLE meetings to be held in the LLE Coliseum.

Task force studies workplace violence

What should an employee do when subjected to or threatened with violence in a workplace setting? A University task force is working on appropriate guidance, in response both to employee concerns and to new federal guidelines. (The new OSHA guidelines suggest that employers begin to keep records of incidents and threats of violence in order to better understand the extent of the problem.)

One early recommendation of the task force is that the University follow OSHA's suggestion and begin to record all incidents in which an employee is threatened with violence or has been injured as a result of a violent interaction with another person in the workplace.

The following statement can be used as a guideline to determine whether a threat should be reported: "A threat is an expression of intent to inflict pain, injury, or other harm. The ex-

pression may be verbal or nonverbal. The harm may be explicit or implied and may come from any source—another staff member, patients, students, guests, or visitors."

Departments should begin reporting incidents using the University's standard incident report form, available by calling x5-0059. As a matter of longstanding policy, any event in the workplace that results in an injury to an employee, as well as the situations described above, should be reported for all University employees, union and non-union, on all campuses, using the incident report form.

The task force will be making further recommendations. The data collected from reports will be used to assess the areas that are most affected by workplace violence.

For more information about reporting threats and violent incidents, call Carol Scott, x5-8401.

In Brief

Holiday closings

The University will not be designating any additional holidays this year. Departments or units may, however, decide to close on a specific day during the holiday season. This day may be designated as one of the two December floating holidays, or staff may use accrued vacation time or time off without pay to cover the absence. If a department decides to designate the holiday, staff should be informed accordingly. Staff who work on a designated floating holiday will be paid the holiday premium pay, which is equal to time worked (double time), or will get an equivalent day off, to be taken later.

The Office of Human Resources will not be publishing office or department closings for the upcoming winter holidays. Please note, however, that Payroll and Employee Records (PERC) requires holiday closing information in order to schedule pay check deliveries during this period. PERC should be contacted directly by phone, x5-6711 or e-mail, pmtc@hr.rochester.edu.

Advantage miracles

University employees who are members of the Advantage Federal Credit Union may buy a Miracle Balloon for \$1 through the end of the year to benefit the Children's Hospital at Strong.

Eastman building facade

Protective scaffolding has recently been erected around the tower portion of the Eastman School's Student Living Center on Gibbs Street. The scaffolding will remain in place through the winter as experts evaluate why cracks and chips have appeared in the stone and brick on the building's facade. The problem is related strictly to the building's facade, Eastman administrators say, and is not a structural problem of the building itself.

Wilson Commons

Wilson Commons will be closed from December 25 through January 1, and each Saturday and Sunday from December 21 through January 19. The facility will be open from 8 a.m. to 5 p.m., Monday through Friday, from January 2 through January 17. Normal hours, 7:30 a.m. to 1 a.m., resume on January 20.

Creative Excellence Award

The multidisciplinary Human Values Cluster is sponsoring a Creative Excellence Award competition. The award will go to a University student who submits the best work in any medium—poetry, fiction, fine art, etc.—that deals with issues of human values in health care. The winner will receive \$200 and a plaque. Submissions are due by April 11.

For more information, call x5-8889.

Holiday dinner

On Tuesday, December 10, Dining Services will present a holiday buffet dinner, served by faculty and staff to students in Danforth Dining Center, from 4:30 to 8 p.m. and on Thursday, December 12, in Eastman Dining Center, from 5 to 6:15 p.m. Dinner includes roast beef, crab legs, assorted salads, breads, vegetables, and desserts.

Bowling

A bowling tournament to benefit the Children's

Hospital at Strong has been scheduled for May 3 and May 4 at Livingston Lanes in Geneseo. Entry forms are available at the Development Office, 590 Mt. Hope Avenue; Room G-6305, Medical Center; and Room 612, Wilson Commons.

Women's Club

The University's Women's Club is open to any alumnae, faculty, staff, or their spouses. Newcomers are welcome to attend the club's monthly general meetings or smaller discussion group meetings.

For more information, call 582-2288.

Travel shows

Representatives from the University's three authorized travel agencies—Town and Country Travel, Van Zile/Red Carpet, and Niagara Frontier Travel—will be available to members of the University community for two travel information shows in January. The representatives will answer questions from faculty and staff; door prizes and refreshments will be provided. Shows will be held on January 28, in Wilson Commons, and January 29, in Helen Wood Hall, from 1-3:30 p.m. both days.

For more information, call x5-3177.

CPR classes

The Multidiscipline Labs are offering classes in cardiopulmonary resuscitation. Classes are scheduled through March. Participants in the original, basic-life-support class must attend three, 3-hour sessions in one month. Refresher class participants need only attend one, 3-hour session.

Cost of the classes for faculty and staff is \$36 for the original class; \$29 for the refresher. Guests pay \$43 for the original; \$34 for the refresher. Classes are free for medical students.

For the schedule of classes and for more information, call x5-3285.

Fathers needed

Researchers in the Department of Obstetrics and Gynecology are looking for men to participate in a study funded by the National Institutes of Health to establish normal values for sperm counts. A volunteer may be eligible if he is the father of a child under two years of age or if his partner is pregnant. Two visits to the laboratory are required to collect a semen sample. Participants are compensated \$50 for their time. For further information call 442-5104 or x5-1930, ext. 213.

Infertility and pregnancy

Researchers in the Department of Obstetrics and Gynecology are looking for infertile couples willing to participate in a free study to examine the effectiveness of superovulation and intrauterine insemination have on certain kinds of infertility. Couples are eligible to participate if the woman is less than 40 years of age and has a normal infertility evaluation; the man must have sperm in his semen. Couples are not eligible if previous treatment with insemination or fertility drugs have failed. For more information, call 442-5104.

Retirement Program

continued from page one

change in investment elections, the appropriate form(s) need to be completed and sent to the Benefits Office. (To make a change in time for the first payrolls in 1997, forms need to be received by December 20 for the biweekly payroll and January 8 for the monthly payroll.) Current elections will remain in effect but can be changed at any point in the future.

Informational meetings on investment funds will be held in December and January. During the meetings, presentations will be made by representatives from each of the investment companies. A question-and-answer period will follow the presentations. Meetings are scheduled for:

Medical Center: Thursday, December 12, Room 1-7619, Lower S-Wing, noon-1 p.m.; Friday, December 13, Room 2-6424, Whipple Auditorium, 10-11 a.m.; Friday, December 13, Room 2-6424, Whipple Auditorium, 3:30-4:30

From Administrative Computing Services

Administrative Computing Services (ACS) is expanding and improving services for access from a LAN to the central administrative (MVS) applications via the network. This includes access to systems such as ISIS, FRS, and FIST. The new access includes an upgrade to the gateway hardware and software. ACS has selected Microsoft's SNA/Server to be implemented in January.

The most common desktop software used to access the central administrative applications across the network is Tn3270. For accessing MVS from an IBM-compatible micro-computer using a local area network, Tn3270 software is an application that emulates a native terminal, providing the greatest functionality and compatibility. The product called TCP3270 from McGill Systems is recom-

mended and supported by ACS.

To take advantage of this gateway enhancement, LAN administrators need to confirm that they are using at least version 2.6 of TCP3270. ACS is recommending that release 3 be installed as it has corrections for many bugs and includes new features, such as support for other terminal types. LAN administrators should contact Richard Godown, x5-0572, to obtain the most recent release.

Users of another Tn3270 software product on a PC, or any product on a Macintosh, are strongly encouraged to test the software with SNA/Server now. Users within the College should contact their University Computing Center liaison. All other users should contact Joe Parker, x5-9117.

Poreda

continued from page one

has traveled.

New York State's Department of Environmental Conservation had been working on this project and welcomed the help of Poreda and his class in 1994. The DEC provided them with access through the wells to obtain water samples for analysis. The students aided the DEC through their deductions and interpretations concerning the water system's behavior in this area. The students' work has confirmed much of what the DEC had suspected about the ground-water flow system, says Poreda. "I've learned a lot of things that will be used in the field of environmental science," says senior Tom Sauter of Rochester, NY, an environmental science major. "It's also nice to know that I'm working in one of the most advanced laboratories in the country, getting a chance to use some of the latest equipment that even the professionals don't have a chance to use right now."

"Hands on" experience makes a real difference in learning the material he's studying, Sauter adds. "I'm working on something I'm interested in real life rather than a subject in a text book."

After beginning work at Bergen and the Riga Landfill in 1994, Poreda expanded his field work to the areas north and south of the Riga Landfill. This year, students are concentrating in the northern area; eventually, Poreda hopes to reach a wider area of upstate New York, extending from the Southern Tier to Lake Ontario.

The work is teaching undergraduates technical skills, instrumentation, and is giving them experience in how to conduct an investigation and put data together, says Poreda. The site is also providing research opportunities for graduate students. A portion of the analytical work is funded by a grant from the National Science Foundation.

Calendar

continued from page four

Davis will lead adults and children ages 4 and up in an art class. \$6 per person. Call 437-7720. Creative Workshop, Memorial Art Gallery, 1:30 to 3 p.m.

December 15, Exhibition Tour. Highlights the exhibits *Weaving a Legend: Royal French Tapestries from The Minneapolis Institute of Arts and Home for the Holidays: Celebrating with Art*. Free with admission. Admission Desk, Memorial Art Gallery, 2 p.m.

December 17, Viewpoints Lecture. A program of traditional Jewish music will celebrate menorahs on view in the exhibition *Home for the Holidays: Celebrating with Art*. Free with Gallery admission. Auditorium, Memorial Art Gallery, 5:30 p.m.

December 17, Evening Tour of the Collection. Admission Desk, Memorial Art Gallery, 7:30 p.m.

December 20, Exhibition Tour. Highlights the exhibits *Weaving a Legend: Royal French Tapestries from The Minneapolis Institute of Arts and Home for the Holidays: Celebrating with Art*. Free with admission. Admission Desk, Memorial Art Gallery, 2 p.m.

December 22, Exhibition Tour. Highlights the exhibits *Weaving a Legend: Royal French Tapestries from The Minneapolis Institute of Arts and Home for the Holidays: Celebrating with Art*. Free with admission. Admission Desk, Memorial Art Gallery, 2 p.m.

December 29, Kwanzaa Celebration. A celebration of Kwanzaa, the African-American cultural holiday, with music, dance, and ceremony. Memorial Art Gallery, 12 noon to 5 p.m.

DANCE

December 12, The Nutcracker by the Rochester Ballet Performance Group. Tickets \$2 for students, \$3 for public, Strong Auditorium, 7 p.m.

December 13, The Nutcracker by the Rochester Ballet Performance Group. Tickets \$2 for students, \$3 for public, Strong Auditorium, 7 p.m.

December 14, The Nutcracker by the Rochester Ballet Performance Group. Tickets \$2 for students, \$3 for public, Strong Auditorium, 1 p.m. and 7 p.m.

EXHIBITS

November 9 through February 9, Weaving a Legend: Royal Tapestries from the Minneapolis Institute of Arts. This exhibition showcases tapestries woven in Paris between 1611 and 1627 which constitute one of the

world's largest and best preserved tapestry sets. Memorial Art Gallery.

December 14 through January 19, Home for the Holidays: Celebrating Art. This exhibition features holiday icons from Christian, Jewish, and African-American traditions. Memorial Art Gallery.

Through January 5, The Rebellion of Humans: An African Spiritual Journey. Paintings by Haitian artist Claude Rassoul Joachim and writing by David Anderson. Memorial Art Gallery.

Through January 12, Furniture from Frank Lloyd Wright's Boynton House. This exhibition displays furniture from the Boynton House, the only house in Rochester designed by the world-renowned architect. The groupings, including a dining room set, library table, and breakfast set, are on loan from the Landmark Society of Western New York. They are complemented by photographs and plans for the house and the furniture. Memorial Art Gallery.

Through February 16, From Form to Design: Louis Kahn's Drawings for the First Unitarian Church of Rochester. Kahn's drawings, on loan from the church, show the design's progression in his mind, from preliminary forms to fully finished renderings. Memorial Art Gallery.

Ongoing, A Looking Laboratory. This inaugural installation in the new Dorothy McBride Gill Education Center features interactive displays which demonstrate ways of looking at paintings. Memorial Art Gallery.

MUSIC

December 9, University of Rochester Gospel Choir Christmas Concert. Alvin Parris, director. Tickets \$2 for students, \$3 for public. Strong Auditorium, 8 p.m.

December 9, Graduate Chamber Winds. Donald Hunsberger, conductor. Killbourn Hall, 8 p.m.

December 10, University of Rochester Chamber Orchestra. David Harman, conductor. Music by Rossini, Prokofiev, and Mendelssohn. Strong Auditorium, 8 p.m.

December 10, Eastman Wind Orchestra. Eastman Theatre, 8 p.m.

December 11, University of Rochester Choir and Chamber Singers Holiday Concert. Works by Palestrina, Brahms, and Rachmaninov. Interfaith Chapel, 8 p.m.

December 11, Eastman Wind Ensemble.

Donald Hunsberger, conductor. Music of Handel, Auric, Grainger, and Lamont Downs. Tickets \$6. Eastman Theatre, 8 p.m. Call 222-5000.

December 12, Woodwind Chamber Music. Kilbourn Hall, 8 p.m.

December 13, Eastman Philharmonia. Mark Gibson, conductor. Music of Brahms, Bartók, and Christopher Rouse. Tickets \$6. Eastman Theatre, 8 p.m. Call 222-5000.

December 15, Family Concert. Children's choirs from the Cobblestone School and the Hochstein School of Music will sing holiday music of many cultures. Memorial Art Gallery, 2 p.m.

RELIGION RIVER CAMPUS INTERFAITH CHAPEL

December 10, Roman Catholic Mass. Upper Level, 12:30 p.m.

December 11, Roman Catholic Mass. Upper Level, 12:30 p.m.

December 12, Roman Catholic Mass. Upper Level, 12:30 p.m.

December 15, Roman Catholic Mass. Lower Level, 10 a.m. and 5 p.m.

December 16, Roman Catholic Mass. Upper Level, 12:30 p.m.

December 17, Roman Catholic Mass. Upper Level, 12:30 p.m.

December 18, Roman Catholic Mass. Upper Level, 12:30 p.m.

December 19, Roman Catholic Mass. Upper Level, 12:30 p.m.

December 22, Roman Catholic Mass. Lower Level, 10 a.m.

December 24, Christmas Eve Mass. Lower Level, 5 p.m.

December 29, Roman Catholic Mass. Lower Level, 10 a.m.

December 31, New Year's Eve Mass. Lower Level, 5 p.m.

MEDICAL CENTER INTERFAITH CHAPEL

December 10, Roman Catholic Mass. 12:30 p.m.

December 11, Roman Catholic Mass. 12:30 p.m.

December 12, Roman Catholic Mass. 12:30 p.m.

December 13, Roman Catholic Mass. 12:30 p.m.

December 15, Protestant Worship (Interdenominational). 10:15 p.m.

December 15, Roman Catholic Mass. 11:15 p.m.

December 16, Roman Catholic Mass. 12:30 p.m.

December 17, Roman Catholic Mass.

F.Y.I.

Matt Curlee, at junior at the Eastman School, is the third American and one of the youngest musicians ever to win first prize in interpretation at the 15th Grand Prix de Chartres international organ competition. The award includes a cash prize, 27 European concerts, and a recording contract.

Richard Fenno, professor of political science, has received the 1995 Aaron Wildavsky Award of the Association for Budgeting and Financial Management. The ABFM is a section of the American Society for Public Administration.

From the River Campus Libraries

Voyager preview workstations

Preview workstations for Voyager, the new online system for the University Libraries, will be available in campus libraries from December 16 through January 17. Explore this state-of-the-art system at any of the preview sites listed below and sample some of the new features, including access to other libraries' catalogs, and databases such as the *Encyclopedia Britannica*. Staff will be available for assistance and to answer your questions.

Library staff from all campuses have been working for over a year to implement the new system. Ronald Dow, Dean of River Campus Libraries, says that Voyager "will give us better access to traditional library collections as well as to information and research sources maintained by libraries and others in electronic format around the world."

Preview workstations will be available at the following locations: **Rush Rhees Library**—Central Reference, Government Documents/Microtext, Art Library, and the Management Library. **Science and Engineering Libraries**—Carlson, Laboratory for Laser Energetics Library, and the Physics-Optics-Astronomy Library. **Edward G. Miner Library**, Reference.

Fenno received the award at the association's annual conference in October. The award honors the lifetime achievements of a scholar in the field of budgeting and financial management, with an emphasis on public budgeting.

Michael Ann Holly, professor and chair of the Department of Art and Art History, has been named an Ailsa Mellon Bruce Senior Fellow with the National Gallery of Art in Washington, D.C. Holly's appointment will run during two consecutive fall semesters beginning this year.

Let us know about your experiences with Voyager. What did you especially like? Was anything confusing? Comment forms will be available at each preview location.

Voyager at all locations in January

On January 20, the first day of spring semester classes on the River Campus, Voyager will be fully accessible at all University libraries and from offices and dorms. Chester, our former library system, will be but a memory! During the next few months, watch for the addition of new features further enhancing Voyager's capabilities.

Web page on instructional technologies

Are you a faculty member thinking about adding course content to our expanding campus connectivity? Wondering whether e-mail, "moos" or Web pages might stimulate thought and interaction around course topics? Looking for examples of how other faculty are using new technologies in their teaching? River Campus Libraries have recently launched a new web site intended to assemble helpful resources for just such questions. Take a look at <http://www.lib.rochester.edu/ref/it/>

Investigation Team, Room 4W301 Helen Wood Hall, 4 p.m.

December 11, Departments of Biochemistry and Chemistry Joint Colloquium. Professor Jennifer Doudna will speak on *Ribozyme Folding and Function: Revelations from a New Crystal Structure*. Lander Auditorium, 4:30 p.m. Coffee and cookies at 4 p.m. in Red Carpet Lounge.

December 12, Interdisciplinary Clinical Ethics Rounds. David Lee, M.D., on *Providing ICU Care When It Is Futile*. Room K-307, Medical Center, noon.

December 13, M.S. Defense. Department of Physics and Astronomy. Craig Spencer will speak on *Differential Synthetic Geometry: A Possible Foundation for a Theory of Gravitation*. Room 372, Bausch & Lomb Hall, 1:30 p.m.

December 13, Ph.D. Defense. Department of Biology. Carol Roote will speak on *Function of the Position-specific Family of Integrins During Development of the Fruit Fly, Drosophila melanogaster*. Room 473, Hutchison Hall, 1:30 p.m.

December 16, Ph.D. Defense. Department of Physics and Astronomy. Mary Fatyga will speak on *Dijet Angular Distributions in Proton/Antiproton Collisions at cm Energy = 1.8 TeV*. Room 375, Bausch & Lomb Hall, 10 a.m.

December 16, Ph.D. Defense. Department of Physics and Astronomy. Alan Fry will speak on *Novel Pulse Train Glass Laser for RF Photoinjectors*. Room 372, Bausch & Lomb Hall, 2 p.m.

December 17, Ph.D. Thesis Seminar. Department of Biology. Mary Mangan

will speak on *Identification and Characterization of Muscle Microtubule-Associated Protein 4 (mMAP4) and the Role of mMAP4 in Myogenesis*. Room 473, Hutchison Hall, 11 a.m.

THEATER

December 14, Cinderella by the Rochester Children's Theater. Tickets \$7-\$9, Cutler Ballroom, Memorial Art Gallery, 2:00 p.m. Call 232-1363.

December 15, Cinderella by the Rochester Children's Theater. Tickets \$7-\$9, Cutler Ballroom, Memorial Art Gallery, 2:00 p.m. Call 232-1363.

December 21, Cinderella by the Rochester Children's Theater. Tickets \$7-\$9, Cutler Ballroom, Memorial Art Gallery, 2:00 p.m. Call 232-1363.

December 22, Cinderella by the Rochester Children's Theater. Tickets \$7-\$9, Cutler Ballroom, Memorial Art Gallery, 2:00 p.m. Call 232-1363.

AND MORE

Strong Reruns. Across from Medical Center Post Office, open for sales Mon. 11 to 3 p.m.; Tues., noon to 3 p.m.; Wed. 10:30 a.m. to 1:30 p.m.; Fri., 9 a.m. to noon. Leave donations anytime.

December 31, Averell Ball. Sail around the world at the eighth annual Averell Ball. Dance to the Boss Street Band and Diana Leigh and the Crazy Rhythm. Tickets \$60 for gala and \$100 for patron dinner Reserve by December 12. Memorial Art Gallery, 9:30 p.m. to 1:30 a.m. Call 473-7720, x3035.

CLASSIFIEDS

FOR SALE

'83 Volvo 240 wagon, solid condition, \$800 or best offer. You can call garage; they expect another 100K miles. Call 271-4716 evenings.

'85 Ford Ranger shortbed pickup, 4 cylinder, 5 speed, with aluminum cap, 91K miles, good condition, \$950. call 244-8118.

5' Baby grand piano, \$3,200. Antique pool table, \$1,200. Bolens 14 HP tractor with snow blower, \$1,200.

'94 Toyota pickup, \$5,000 or best offer. Call 352-0737.

Fish tanks, 20, 15, 10, and 5 gallon;

all include filter, heater, gravel, and light; very cheap. Call 226-8331.

Pentax K1000 35 mm camera with flash, wide-angle lens, 100 mm telephoto lens, 50 mm lens, 2X teleconverter, bag, and books included, \$275 all or best offer. Call 226-8331.

Sawyer slide projector, EC, \$50. Lined, cleaned cotton curtains, \$40 per pair. Call 586-6484 after 5 p.m.

FOR RENT

Three bedroom house, Nineteenth Ward, 1 1/2 bath, family room/den,

driveway, garage, \$575. Call 453-0826.

Three bedroom apartment, Hillside Avenue near Cobbs Hill, garage, large yard, \$650. Call 787-2049.

SITUATION OFFERED

Free room and board in exchange for part-time child care (evenings and weekends). Private bedroom and bathroom provided, Pittsford area, must have own car, no smokers. Call 385-9961.

TRANSFER & PROMOTION OPPORTUNITIES

As of Tuesday, December 3, 1996

The following positions are published for information of staff. A complete listing of transfer and promotion opportunities is available at the Employment Services Office, Room G-7009, Medical Center, and through the University home page at <http://www.rochester.edu>. Staff transfer/promotion slips can be obtained at the following locations:

- Room G-7009, Medical Center
- Room 147, Administration Building
- SMH Info. Desk.
- ESM Staff Lounge
- MAG Director's Office

Please note that special salary schedules have been established for some positions; therefore, standard hiring ranges by pay grade may not be appropriate.

KEY TO ABBREVIATIONS

CA	Central Administration
CAS	The College
COI	Center for Optoelectronics & Imaging
ESM	Eastman School of Music
F/T	Full time
GSEHD	Margaret Warner Graduate School of Education and Human Development
LLE	Laboratory for Laser Energetics
MAG	Memorial Art Gallery
M & D	School of Medicine and Dentistry
MC	Medical Center
NSRL	Nuclear Structure Research Laboratory
Nursing	Locations refers to unit
P/T	Part time
RC	River Campus
SEAS	Engineering and Applied Science
SGSBA	William E. Simon Graduate School of Business Administration
SMH	Strong Memorial Hospital
TAR	Time as reported
Strong candidate identified	Candidate identified outside the department, inside or outside the University

The University of Rochester is An Equal Opportunity Employer.

CLERICAL

ACCOUNTING BOOKKEEPER III—GRADE 07: Exercising knowledge of University accounting/bookkeeping procedures, setup and maintain books of account; perform related activities such as computing breakdowns, audits, troubleshooting, charting, and graphing; related duties as assigned. AAS in accounting or related field plus two years related work exp. or equiv. comb. of ed. and exp.

10770 F/T 35 HRS 9-4:30 PM CANCER CENTER

AMBULATORY PATIENT REPRESENTATIVE I, SMH—GRADE 06: Perform functions associated with processing patient appointments in outpatient clinic; complete tasks of reception, registration, charge capture, charge entry, appointment scheduling, and telephone management; interact with patients, physicians, nurses, and billing personnel; related duties as assigned. HS ed., two years related work exp., demonstrated ability to type accurately, and familiarity with medical terminology.

10751 F/T 40 HRS 8:30-5 PM GENERAL NEUROLOGY UNIT

10802 F/T 40 HRS 7-4 PM UNIVERSITY SPORTS MEDICINE SCI

ASST SUPVR EMERGENCY DEPT—GRADE 07

10798 F/T 40 HRS 4 PM-12 AM; EVERY 3RD WKEND EMERGENCY DEPT CLERICAL SMH Ensure patient satisfaction, compliance with all departmental policies, interacting with faculty and staff to ensure timely patient care, monitor work performance. Register patients, provide back-up phone reception and other duties as assigned. Requires AAS degree in Medical Secretarial or related field and 2-3 years of exp. with demonstrated ability to manage people in a stressful environment; or equiv. comb. of ed. and exp.

CENTRAL REGISTRATION REPRESENTATIVE—GRADE 06: Interview patients; obtain and prioritize financial and demographic information for computer input; responsible for billing and related clerical duties; provide cross coverage in various sites and other areas of PAS; use VMT, CRT, and other office equipment; related duties as assigned. Two years post-HS education or 2-3 years exp., or equiv. comb. of ed. and exp. Prefer AAS degree in medical secretarial science, medical technology, and knowledge of ICD-9-CM coding.

10785 P/T 20 HRS 3-7 PM; SATS 9-1 PM PATIENT ACCESS SERVICES

DATA CONTROL CLERK I—GRADE 05: Prepare, handle, and process information involving variety of detail for research, administrative, or computing activity; follow written procedures and use judgement to make indicated selections; related duties as assigned. HS ed. and one year related exp., or equiv. comb. of ed. and exp.

10761 P/T 20 HRS 10:30-2:30 PM; 9 MO POSITION/INACTIVE DURING SUMMER DOUGLASS DINING-AOP-FAC & AUX Open for breakfast business, record employee meals. Set-up cashiers station, count bank, and complete forms.

JR ACCOUNTANT—GRADE 10

10817 P/T 20 HRS Temporary Position until 08/31/97 **PEDIATRICS M&D UAP DEVELOP DIS** Provides data encoding, monitoring and analysis for SCDD. Determines accuracy of University ledgers and expense reports. Prepares financial reports for division and funding agencies. Provides technical support for computer problems and questions. Requires Bachelor's degree in accounting; or an equiv. comb. of ed. and exp.

OUTPATIENT ACCOUNT COORD, SMH—GRADE 05

10236 F/T 40 HRS 8:30-5 PM PATIENT ACCOUNTS Responsible for submitting all outpatient claims to third parties. Processes correspondence; submits claims which fail third party payors' edits, & processes late charge billings. Works with the Hospital computer system and other designated office equipment. Requires AAS degree in accounting; or an equiv. comb. of ed. and exp. Ability to type 45 wpm, prefers Word Processing exp.

PATIENT ACCESS ASSOCIATE—GRADE 08

10769 P/T 24 HRS EVENINGS/NIGHTS - TUES,FRI,SAT PATIENT ACCESS SERVICES Arranges for admissions of patients to in/outpatient, conducts patient interviews, schedules and assigns accommodations or service locations; determines financial eligibility, secures account for billing and coordinates account management through discharge. Obtains precertification, collects deposits and makes payment plans, makes referrals to sponsorship programs, and recommends charity allowances. Requires AAS in related discipline with three years of related (admitting/registration/patient accounts/insurance) exp., preferably in a hospital setting; or an equiv. comb. of ed. and exp. Ability to use ten-key adding machine, type 25 wpm, and use medical terminology.

RECEPTIONIST CLERK II—GRADE 05: Receive visitors, patients, and/or staff members; answer telephones and convey messages; provide direction and assistance requiring working knowledge of department organization and procedures. Perform clerical duties incidental to receptionist function; related duties as assigned. HS ed. and two to three years exp., or equiv. comb. of ed. and exp.

10743 F/T 40 HRS 8-4:30 PM; 479 NURSING PRACTICE/SMH SCI

10756 F/T 40 HRS FLEXIBLE HRS - 7 AM-9 PM NURSING PRACTICE/SMH Complete ASU Daily Log, entering in arrivals and departure to areas and discharge time. Coordinate interactions with transportation, personnel and housekeeping. Page staff, assemble medical records, gather lab results. Orient new staff. Input data into computer for billing and type reports, memos. Medical terminology helpful.

SECRETARY II—GRADE 05: With specific direction and supervision, perform routine and non-routine office duties requiring general secretarial and/or word processing skills and proficiency. May concentrate on secretarial or word processing duties in particular discipline using specialized and complicated terminology, abbreviations, and symbols. Related duties as assigned. Two years post HS ed. or two to three years exp., or equiv. comb. of ed. and exp.

10754 F/T 40 HRS 8-5 PM UNIVERSITY TELECOMMUNICATIONS Act as building receptionist, prepare Federal/Airborne Express packages, sign out keys, schedule training courses and other functions, order and monitor office materials and supplies. Create pre-requirements and check requests, maintain bulletin boards, create and edit documents. Prefer exp. with MS Word, Excel, and MacDraw.

10757 F/T 40 HRS 8-5 PM CLINICAL & SOCIAL PSYCHOLOGY Transcription support to Mt. Hope Family Center Filing, correspondence and maintain files. Prefer knowledge of WordPerfect 5.1.

10759 F/T 40 HRS 8-5 PM CLINICAL & SOCIAL PSYCHOLOGY Transcription support to Mt. Hope Family Center Filing, correspondence and maintain files. Prefer knowledge of WordPerfect 5.1.

SECRETARY III—GRADE 07: With general direction and latitude for initiative and judgement, perform routine and non-routine secretarial duties requiring advanced secretarial and/or word processing skills and proficiency; responsible for limited departmental administrative details; related duties as assigned. Two years post-HS education and 2-3 years exp., or equiv. comb. of ed. and exp.

10742 F/T 40 HRS 8:30-5 PM UROLOGY M&D Provide administrative and secretarial support to a diversified Medical Center department. Responsible for various duties related to both outpatient and inpatient visits, manuscript and grant applications. Excellent computer skills in word processing applications as needed, with knowledge of appointment scheduling systems desired.

10783 F/T 40 HRS 8:30-5 PM MEDICINE SMH IMMUNORHEUM Responsible for patient scheduling, clinic preparation, coordinating medical billing, typing correspondence, patient notes, and teaching materials. Interact with faculty, fellows, staff, medical residents. Prefer exp. in a medical office setting, knowledge of medical transcription and demonstrated computer skills using Microsoft Word.

10784 F/T 40 HRS 8-4:30 PM SMH EPILEPSY/EEG/EP Schedule patient appointment, obtain and verify insurance referrals, process clinical correspondence, and maintain records. Prefer familiarity with IBM/PC, Windows, WordPerfect, medical terminology, and transcription.

10799 F/T 40 HRS 8-5 PM MEDICAL CENTER FINANCE Word processing including presentations using Microsoft Word and PowerPoint, answering phones, scheduling meetings, receiving guests. Prepare spreadsheets using Microsoft Excel to support financial analysis.

SECRETARY IV—GRADE 09: With minimum direction and considerable latitude for independent judgement, perform routine and non-routine secretarial and administrative duties requiring highly-advanced secretarial and/or word processing skills and proficiency. Responsible for considerable departmental administrative details requiring extensive knowledge and exp. with policies, procedures, and practices of University and/or within specific division. May be responsible for assigning and reviewing day-to-day clerical operations and related duties as assigned. Two years post HS ed. and four to five years exp., or equiv. comb. of ed. and exp.

10752 F/T 40 HRS 8-4:30 PM OFFICES OF ASSOCIATE DEANS M&D Coordinate computer database entry of conference registrant, speaker and exhibitor information; process conference registration and other fees; prepare income summaries; supervise preparation of conference handout materials; organize "on-site" conference registration desks and supervise registration staff. Plan and implement several smaller conferences; compose personalized correspondence for speakers, exhibitors, and conference registrants; assist with administration of CME certification process; produce semiannual office calendar; assist with preparation of conference brochures.

10753 P/T 21 HRS 8-4 PM ENGLISH COL Manage daily operation of busy academic department; organize and distribute information regarding course offerings, faculty schedules and dept functions; process applications for faculty recruiting; coordinate all aspects of literary prizes, contests, and awards; provide guidance to undergraduate students regarding department requirements. Prefer knowledge of Microsoft Office software.

10778 F/T 40 HRS 8-5 PM NEUROLOGY - MC ADMIN M&D SCI

10779 F/T 40 HRS 8:30-5 PM OPTHALMOLOGY M&D Support for the clinical practices of the Chair and Vice Chair of the department. Schedule patients, transcription of letters and procedural reports, obtain referral authorization for patients covered by HMO's and information from referring physicians. Act as office receptionist, assist in maintaining information for the residency program and medical student clerkships. Assist in organizing and scheduling resident lecture series, grand round and journal club.

10816 F/T 35 HRS RADIATION ONCOLOGY M&D

PROFESSIONAL, ADMINISTRATIVE, & SUPERVISORY

ACTIVITIES THERAPIST—GRADE 50

10801 P/T 20 HRS M-T-F 3:30-7:30 PM, TH. 12:30-4:30, SAT 10:30-2:30 OCCUPATIONAL THERAPY Plan appropriate Leisure Education Program for patients on 5-1200. Evaluate each admitted patient. Design and carry out individual treatment plan for groups or single interactions. Participate in team goal and discharge planning. Coordinate patient outings. Document patient progress and statistics. Participate in QA activities. Drive van for outings. Work with volunteers to expand community contacts. Requires Bachelor's in Therapeutic Recreation and Therapeutic Recreation Certification.

ANALYST/PROGRAMMER—GRADE 53:

Under general direction and with latitude for independent judgement, evaluate, install, test, and maintain programming languages or application packages relative to software and equipment; consult with user departments to assess data preparation and needs; design and test programs; select packages and use systems, software, and equipment; provide consultation support on installed system support and equipment; periodically instruct large user groups; design and verify program logic by preparing test data and trial runs; code program instruction and revise and/or refine programs. Bachelor's degree in related discipline and 2-3 years exp., or equiv. comb. of ed. and exp.

10771 F/T 40 HRS RESIDENTIAL LIFE Responsible for the computer operations for Residential Life. Support the Central Res. Life Office primarily, secondarily for four remote living area offices and consulting with other Student Affairs offices. General responsibility involves LAN administration; hardware and software maintenance; consulting, design responsibilities for departmental staff computing training; liaison with the new Residential Computing Network (Resnet); and liaison with agencies critical to departmental computing. Because of the generalist nature of the position and breadth of hardware and software, the department will support individual and formal training to support the position. Requires Bachelor's in related discipline and 2-3 years exp. or equiv. comb. of ed. and exp.

INFORMATION ANALYST II—GRADE 52:

Gather information, analyze and interpret data, and disseminate information; help formulate goals, protocols, and information-gathering methods. Bachelor's degree in related field, some graduate-level course work, and one-two years exp. in analyzing and disseminating information; or equiv. comb. of ed. and exp. Knowledge of programming and statistical programming packages helpful.

10772 F/T 40 HRS WARNER GRAD SCH OF EDUC & HUMAN DEV Perform Backlogs of school's system. Maintain compatibility among school's systems/software. Administer network; setup new users, security, user menu interface, ensure data availability and trouble shoot compatibility/operational problems. Develop specifications for computer-related purchases. Oversee data input into ISIS and school's databases: Academic Services Database and upcoming Inquiry Database. Fulfill project requests by best strategy available: existing standard reports, new ad-hoc query reports, new standard reports. Train and supervise staff. Other duties as assigned. Requires Bachelor's and 1-2 years related exp. or equiv. comb. of ed. and exp. Prefer educational background involving student enrollment, programs of study, financial, etc.

NURSE PRACTITIONER, INFECTIOUS DISEASE UNIT—GRADE 44

10815 TAR MEDICINE M&D-INFECT DIS UNIT Provide STD clinical services, including selective health history and physical exam, pre-and post-test counseling for HIV testing, and diagnosis and treatment of sexually transmitted diseases. Also, provide clinical supervision and support to the STD nurses as well as nurse practitioners, medical students and other clinic observers. Requires licensure as a registered professional nurse and certification as a nurse practitioner with prescriptive authority for the NYS Department of Education. SCI

SOCIAL WORKER—GRADE 53: Provide professional social work services to patients

and their families; evaluate psychosocial status of patients and families to determine specific needs for service; provide brief or intensive assistance through counseling and direct services; establish and maintain cooperative working relationships with community agencies helpful to patients; supervise social work aides and students; orient medical students and other hospital staff; provide social service consultation to hospital staff; make recommendations on Division of Social Services procedures and policies. REQUIRES MASTER'S OF SOCIAL WORK DEGREE, CSW within one year, and one year medical or psychiatric social casework.

10776 F/T 40 HRS SOCIAL WORK DIVISION SMH Social Worker for REACH Clinic (Referral and Evaluation of Abused Children) Responsibilities include evidentiary interviewing of pediatric abuse victims, oversight of daily operation of the REACH Clinic, liaison with community agencies and interdisciplinary collaboration as a member of the REACH Clinic. MSW required. Prefer related exp. SCI

10824 F/T 40 HRS CLINICAL & SOCIAL PSYCHOLOGY Supervise primary care staff and monitor all clinical issues in two on-going programs with at risk urban school-aged children. Coordinator will hire, train and supervise program. Will also need to provide clinical coverage. Requires MSW. Prefer 2 years post-degree exp.

SOCIAL WORKER, CHIEF—GRADE 56

10781 F/T 40 HRS SOCIAL WORK DIVISION SMH (Clinical Manager for Social Work Programs in Specialty Programs) Manage programs and staff in the Cancer Center, Orthopaedics, Rehabilitation Surgery and the Placement Program. Provide supervision and consultation to Social Work Staff. Participate as member of Social Work Division Senior Management Team. Represent the division on hospital committees, work groups and in interdisciplinary program planning. Requires MSW with 5-7 years exp. Prefer 5 years post-graduate administrative and clinical exp. in a hospital setting.

SR TECHNICAL ASSOC—GRADE 54

10803 F/T 40 HRS COI To provide direct research and teaching support at the senior professional level by taking charge of small, complex research projects or by directly participating in a major aspect of a larger research project; and providing guidance to or directly supervising technicians, laboratory aides, and professional staff. Primary work will include machine process development and optimization, including measurement and evaluation of components and processes. Requires Master's degree with major course work in the field of assignment, or an equiv. comb. of educ, exp, and training. With Master's, min of 3 yrs professional exp; with equiv, 5 yrs exp with some independent research exp. Prefer background in CNC programming, manufacturing, tooling, fixturing, and metrology. Training in optics manufacturing and metrology instrumentation will be provided.

TECHNICAL

CLINICAL TECHNOLOGIST III—GRADE 92: Perform diversity of broadly-outlined technical assignments requiring some theoretical insight and occasionally interpreting results. AAS degree in related field plus two years exp.; Bachelor's degree in biology or chemistry; or equiv. comb. of ed. and exp. Positions are available in the following departments: Chemistry, Hematology, Microbiology, Phlebotomy, MCH Stat Lab, Blood Bank, and Endo/Ria/Protein. SUBMIT RESUME AND TRANSCRIPT.

10748 F/T 40 HRS 8-4:30 PM; ON-CALL WKENDS/VARIED SHIFTS SMH EPILEPSY/EEG/EP Performs standard and complex Electroencephalographic and/or Evoked Potential recordings under minimum direction and/or serves as senior technologist with responsibilities for work assignments and in-service training instruction of junior personnel. May participate in research activities. Requires 4 yrs college with lab sciences/tech training; or 2 yr college leading to AAS in lab science and 2 yrs directly related exp. Prefer Bachelor's degree or its equiv and 2-3 yrs exp in Electroencephalographic or EP technology or 5 yrs exp and supervisory exp.

CLINICAL TECHNOLOGIST IV—GRADE 94:

Perform complex, broadly-outlined technical assignments requiring theoretical insight and interpretation, allowing latitude for planning and modifying methods and techniques. BSMT or BS in biology or chemistry and one year clinical exp.; or four year college education in appropriate science and two years closely related exp.; or equiv. comb. of ed. and exp.

10749 F/T 40 HRS 8:30-5 PM; 24 HR ON CALL SURGERY PROGRAM Isolates lymphocytes from peripheral blood, lymph nodes and spleen, and monitors purity and viability with microscope. Performs HLA-ABC and DR typing by serologic microlymphocytotoxicity and DNA methods. Performs crossmatching and

antibody screening by serology, flow cytometry and ELISA methods. May perform cell tissue culture techniques as needed. Performs complete cadaveric organ donor work without direct supervision. Communicates with transplant physicians, organ procurement personnel, and transplant coordinators regarding lab tests. Assists in development of new clinical assays. Requires 4 yrs college and related lab and/or tech training with certification by registry of American Society of Clinical Pathologists or nationally recognized professional certifying body; or 4 yrs college ed in appropriate science and 2 yrs related lab exp.

ELECTRONIC TECHNICIAN II—GRADE 77

10758 F/T 40 HRS 8-5 PM UNIVERSITY TELECOMMUNICATIONS Performs diversified and moderately complicated technical assignments related to analog and digital circuitry, electronic equipment and instruments, computer hardware and the like. Requires AAS degree in electronics and 2 yrs of practical exp in building and/or maintenance of electronic instruments, apparatus or equipment; or an equiv. comb. of educ and exp.

LABORATORY TECHNICIAN II—GRADE 75:

Perform various and diverse research laboratory assignments following standard practices and procedures. AAS degree in appropriate discipline, or equiv. comb. of ed. and exp.

10818 TAR Temporary Position until 01/30/97 **COI SCI**

LABORATORY TECHNICIAN III—GRADE 77:

Perform nonroutine research laboratory assignments involving some complexity and variety. Requires AAS degree in appropriate discipline and two to three years specialized exp. in related field, or equiv. comb. of ed. and exp. SUBMIT RESUME AND TRANSCRIPT.

10747 F/T 40 HRS 8:30-5 PM MEDICINE M&D-CLINICAL RESEARCH CTR Operation of K40 gamma spectrometer whole body counter and associated hard/software (SAS). Data analysis of K40 results. Technical/analytical lab assays/procedures for GCRC including YSI glucose determ, radioimmunoassays, HPLC, flame photometry, etc. Knowledge of lab operations, equipment maintenance and minor repairs, record keeping and data entry/analysis, supply ordering, good interpersonal skills. Requires AAS in related field plus 2-3 yrs specialized exp.

10788 F/T 40 HRS 8:30-5 PM ENVIRONMENTAL MEDICINE Performs quantitative analysis of mercury in biological fluids and tissues through wet chemistry and cold vapor atomic absorption and analysis of metals in hair using x-ray fluorescence. Requires AAS in related field plus 2-3 yrs specialized exp. Prefer BS in Chemistry or related sciences, strong analytical chemistry background, and knowledge of computer and basic programming.

LABORATORY TECHNICIAN IV—GRADE 79:

Perform complex laboratory assignments; plan and conduct complete projects of limited scope or portion of larger and more diverse project. Requires AAS degree in appropriate discipline and four to five years specialized exp. in related field, or equiv. comb. of ed. and exp. SUBMIT RESUME AND TRANSCRIPT.

10800 F/T 40 HRS OBSTETRICS & GYNECOLOGY M&D Perform routine, complex and/or non-routine research laboratory assignments within a federally funded research project. The primary emphasis will be on mammalian cell culture techniques. Work under general supervision of two faculty members, collaboratively and/or under general supervision. Technical judgements encouraged. Will have opportunity to co-author or author scientific publications. Requires AAS in related field plus 4-5 yrs specialized exp.

10819 F/T 40 HRS 8:30-5 PM TEMP UNTIL 07/31/97 BIOCHEMISTRY AND BIOPHYSICS Work closely with PI to help establish protocols for protein expression/purification from E. coli. Analyze and discuss results and alternative procedures. Order supplies and equipment for new laboratory and other general lab maintenance. Requires AAS in related field plus 4-5 yrs specialized exp. Prefer BA/BS with some molecular biology exp.

TECHNICIAN, PSYCHIATRIC NURSING—GRADE 91

10786 TAR D/E/N ROTATION; WKENDS INCLUDED; 461 NURSING PRACTICE/SMH Participates in assessing patient's physical and psychosocial needs. Delivers documented patient/family care according to the nursing care plan. Maintains a therapeutic milieu. Cooperates in unit-based research and quality improvement projects. Participates in staff development and orientation programs. Requires AAS in Psychology or Sociology plus 1-2 yrs exp with psych in-patients; or an equiv. comb. of educ and exp. Prefer BS in Human Services.

Calendar of Events

Events scheduled for Monday, December 9 (after 5 p.m.) through Monday, January 13 (before 5 p.m.)

ACTIVITIES PROGRAM

Discounts for these activities are available to all University staff and faculty through the Employee Activities Program. All tickets are available at the Hospital Cashier's Office, the Medical Center Bookstore, and the River Campus Parking Office. The Eastman School, MAG, and Bursar's Office carry theater tickets only. Discount cards/brochures are available at the River Campus Parking Office and the Conference and Events Office, Room 152, Administration Building. For further information, see the Employee Activities Program newsletter or call x5-7942.

Alamo Rent-A-Car, 10 percent discount
Allied Van Line, Preferred Customer Status, 235-3500
Amerks, \$9.50 Blue Action Pack Ticket
Anheuser-Busch Theme Parks (RARES),

discount card
B.J.'s Wholesale card, pass with 5 percent surcharge
Bock Tours (RARES), 10 percent off selected tours, 244-7925
Bristol Mountain, several packages available, see distribution sites
Buckman's Car Wash Superseal, \$6.25
Caesar's Pocono Resorts (RARES), 20 percent off midweek, 10 percent off weekend
Cellular One, University Plan, call Betsy Reddington at 732-7201
Choice Hotels, 10 percent discount
Citibank's Corporate Mortgage Program, call 334-1482/383-5300
Clarion Essex Park Hotel, University Rate, call 800-567-2233
Delta Sonic Ticket Packages, prices range from \$3.75 - \$32.50
Designs by RAS (RARES), 50 percent off all screen and art charges, call Chuck Leone at 482-9790
Dine-A-Mate Book, \$20
Dinner and Theatre Book, \$8

Discovery Zone, \$4.25
Dorney Park, discount coupon
Downstairs Cabaret, \$3 discount
Dunham's, 15 percent discount card
Employee Printing Service (RARES), 40 percent off retail
Entertainment Books, \$25
Fairport Harbor House (RARES), call the Banquet Coordinator at 223-7280
Fantastic Baskets (RARES), 10 percent discount, call Diane Joseph at 293-1930
Fun Services (RARES), free reception canopy booth with program of \$500 or more, call Roger DeYoung at 254-4770
Gallo and Iacovangelo (RARES), discounts on real estate closings and will writing, call Bernard Iacovangelo at 454-7145
General Cinema Tickets, \$5 adult, \$3 children
Gitlin Optical, 15 percent discount on eyeglasses, call Frank Herron at 442-1720

Hertz Car Rental, member discount card
Hoselton Chevrolet, factory order direct at invoice, call Mike Holbein at 586-7373
Hunt Hollow Ski Center, Day/Night \$20, Night \$18
The Inn on the Lake (RARES), 25 percent off rack rates, call Patty Sabs at 394-7800
Island Jake Music Services, \$50 off 4 hour music and light show, call Molly/Steve Jacob at 387-9858
KOA Campgrounds (Florida and West Coast), 20 percent discount
Lafayette Moving and Storage, discount programs, call Paul Bogdanoff at 334-0770
Liberty Travel (RARES), call Christine Lauer at 544-5500
Little Theatre tickets, \$5.25
Melrose Nursery, 15 percent off store and florist shop, call Ian McNabb at 624-4754
Memorial Art Gallery, 1/2 price new membership application

National Car Rental, 10 percent off discount card
Print USA (RARES), 40 percent off retail prices
R.C. Shaheen, 20 percent off paint, 25 percent off wallcoverings, 60 percent off window blinds, free in-home decorating service
Rivers Organization/Bonaparte Travel (RARES), call Rick Rivers at 385-5060
Sam's Club, free membership with 5 percent surcharge
San Diego-Zoofari (RARES), 20 percent off admission
Ski Valley, several packages available
Sony Theatre Tickets, \$5
Staub's Textile Services, Inc. (RARES), 20 percent off dry cleaning, call Patty Burgen at 271-4200
Swain Ski Center, several packages available, see distribution sites
Universal Studios, member discount card
Walt Disney's Magic Kingdom Club (RARES), discount card

ART

December 10, Art a la Carte. Earl Kage will speak on his crèche collection on view in the exhibition *Home for the Holidays: Celebrating with Art*. Program also includes luncheon and optional tour of the collection, \$15. Call 473-7720.
December 10, Childhood in Memory and Imagination. Viewpoints Lecture. Actress Elaine Good will give a presentation on works in the Gallery's collection.
December 10, Evening Tour of the Collection. Admission Desk, Memorial Art Gallery, 7:30 p.m.
December 13, Exhibition Tour. Highlights the exhibit *Weaving a Legend: Royal French Tapestries from The Minneapolis Institute of Arts*. Free with admission. Admission Desk, Memorial Art Gallery, 2 p.m.
December 15, Creation Story: Book-making Family Workshop. Paulette
continued on page three