Curtis Harkrider named NRC fellow

For his efforts to manufacture a widely used type of optical lens faster and more precisely, graduate student Curtis Harkrider has been named a National Research Council pre-doctoral fellow in integrated manufacturing.

Harkrider, a third-year doctoral student in the University of Rochester’s Institute of Optics, was one of 12 students selected nationwide through a competition sponsored by the U.S. Department of Energy. For each of the next three years he will receive a $20,000 stipend and $15,000 toward tuition.

Harkrider’s research focuses on gradient-index (GRIN) optics, where scientists change the index of refraction to make a lens that bends light by varying in thickness or curvature. The most common method of making a lens of this type is faster and more precisely, Harkrider’s research focuses on gradient-index (GRIN) optics, where scientists change the index of refraction to make a lens that bends light by varying in thickness or curvature. The most common method of making a lens of this type is faster and more precisely, Harkrider’s research focuses on gradient-index (GRIN) optics, where scientists change the index of refraction to make a lens that bends light by varying in thickness or curvature.

Titlebaum is computing vice provost

Edward Titlebaum, professor of electrical engineering, has been appointed vice provost for computing.

In that role, he will oversee strategic planning and University-wide coordination of information technology issues. He also will oversee and communicate information technology operations that essentially link the University’s campuses to each other and to the Internet. While computing—particularly academic computing—is decentralized, the growing demand for information-sharing through a common network is “centralized.” University units need rapidly growing significance, Provost Phelps noted.

“In general, staying ‘current’ in computing is a tricky matter, for all the obvious reasons,” Phelps said. “I’m pleased to have Ed Titlebaum directing this effort for the University. He brings to the job both excellent professional credentials and a long-standing commitment to helping University units effectively use the Van de Graaff generator as part of the Pre-College Experience in Physics for Young Women.

The telephone number is x5-4111. A satellite distribution center at the Medical Center and at the Memorial Art Gallery, the River Campus Parking Office and Busser’s Office, the Eastman School Business Office, and at the Memorial Art Gallery. Ticket sale locations will remain in the Cashier’s Office and bookstore in the Medical Center.

One day camp programs geared toward encouraging young women to explore the sciences. Above, Cathryn Kubera demonstrates a hair-raising stunt with the Van de Graaff generator as part of the Pre-College Experience in Physics for Young Women.

Titlebaum will oversee the University in the areas of networking and telecommunications.

To discuss and consider such issues as network security and policies, and long-distance learning, Titlebaum said he will be establishing an Executive Computing Committee, whose members will be announced shortly.

“I would like to see the University move into the forefront of educational technology: at the same time as it moves into a demand-side environment for information,” he said.

A faculty member at Rochester since 1964, Titlebaum’s research interests have included radar and sonar signal design, and wireless and cellular communication. He has also conducted research on whale and dolphin echolocation and communications, and helped to create and install some of Strong Memorial Hospital’s first ultrasonic equipment in the 1970s.

Titlebaum has taught undergraduate and graduate courses on computing and communications, and has chaired a number of the University’s technology committees, including the Committee on Networking and Telecommunications in the late 1980s. For a number of years he has been a member of the provost’s Academic Computing Executive Committee.

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Class of 2000 enters next month

An exceptionally talented group of 900 freshmen will enter the University for programs in the arts and sciences, engineering, and nursing this fall as the Class of 2000. The most dramatic single indicator of quality in the class is a gain in the combined average SAT scores of 60 points over last year’s freshman class.

The gain in academic quality appears primarily related to a rise in applications and to the decision announced last fall to limit spots to the freshman class to 900. Students applied to the River Campus in record numbers. If all freshman applications totaled 9,057 this year, as compared to last year’s 8,385. The decision to enroll only 900 freshmen is part of a long-term plan to create an even more intimate residential campus for undergraduates at a world-class university. (In recent years, about 1,000 freshmen were enrolled each fall.)

This year’s gain in SAT averages (a substantive change in addition to the “rectification” of SAT scores) comes on the heels of a similar, though less dramatic, gain last year. The combined average SAT score for the Class of 1999 was 35 points higher than that of the continued on page two

Eastman plans pop music symposium

The Eastman School is sponsoring a symposium, “Popular Music and the Canon: Old Boundaries Reconsidered,” which will explore the role of popular music in American culture and, in particular, in college and conservatory music programs. The four-day event, scheduled for September 29 through 29, will bring together teachers, scholars, composers, and performers from across the country for a series of concerts, master classes, lectures, papers, and panel discussions.

Eastman alumni—drummer Steve Gadd, bassist Tony Levin, and Broadway composer Charles Strouse—will be featured in a series of master classes and talks. Sessions will also include presentations by recording industry leaders.

Currents schedule

Currents will resume bi-weekly publication on September 3. Deadlines for copy continue to be the Monday previous to the date of publication. Please feel free to call the Currents office, x5-0787, or email currents@rochester.edu with any questions.

The 1996-97 schedule:
September 3, 16, and 30; October 14 and 28; November 11; December 9, January 13 and 27; February 10 and 24; March 10 and 24; April 7 and 21; May 5.
Five outstanding American women will take an election-year look at women in politics during the 30th annual Stanton/Anthony Conversations event. Organized by the Susan B. Anthony University Center, the conversations will feature an address by Ruth Mandel, director of the Eagleton Institute of Politics at Rutgers, the State University of New Jersey.

The Multidiscipline Laboratories will once again be offering classes in cardiology/ pulmonary reconditioning (CLP) from September through December to members of the University community. Anyone wishing to participate should register by calling x-3289. Payment is required at least one week in advance. Classes of ten or more may choose their own class schedule.

The conversations will follow in the Cutler Union Ballroom at 6:15 p.m. Admission to the conversations is free. Seating for both events is limited, however, and reservations are recommended.

The American Heart Association will offer basic life support (BLS) courses on Wednesdays, November 6, 13, and 20, 1 p.m.; Tuesdays, October 8, 15, and 22, 9 a.m.; and Thursdays, September 19, 1 p.m.; Wednesday, September 25, 5:30 p.m.; and Tuesday, October 22, 5:30 p.m. The American Red Cross will offer emergency first aid courses on Wednesdays, September 19, 1 p.m.; Thursday, September 26, 5:30 p.m.; and Tuesday, October 15, 5:30 p.m. at the University Center.

The Larry Sanders Show and The Ben Stiller Show, and the cast of The Daytime Show will perform at the event. Admission is $30, $18 for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russian for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations in Russia for faculty and residents in various medical specialties, for two- to four-week rotations...
Events scheduled for Monday, Au-

detoxification. Microbiologists must have a BS degree in microbiology or a related field, or an equivalent combination of education and experience. Microbiologists perform research that involves the use of laboratory animals, bacterial cultures, enzymes, antibodies, and other biological materials. They collect and analyze data using techniques such as staining and microscopic examination. Microbiologists must be able to read and write in English and must have a basic understanding of chemistry, physics, and biology.

MICROBIOLOGY TECHNICIANS — GRAD
develop and maintain microbiology laboratory equipment. Some positions require the completion of a post-secondary education program in microbiology or a related field.

INDUSTRIAL MICROBIOLOGISTS — GRAD
to determine the safety of foods and beverages. They may also conduct research to develop new methods for testing the safety of food products.

CLINICAL MICROBIOLOGISTS — GRAD
determination of the type and number of microorganisms present in a sample. They may also perform tests to determine the effectiveness of antibiotics or other medications on microorganisms.

Clerks, typists, and other support staff may be employed in the microbiology field.

MICROBIOLOGY TECHNICIANS — GRAD
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**CRITICAL ACCOUNT ANALYST - GRADE 41**

Ed. equiv. comb. of educ. and exper. 2-3 yrs. of related experience in accounts receivable or general ledger systems.

**MEDICAL FILE SERV TECH II - GRADE 05**

Must be proficient in medical terminology, filing, familiar with medical record systems, and have a knowledge base of UHHC and its associated facilities.

**STAFF ACCOUNTANT , STAFF - GRADE 51**

Talent of a high level of computer skills is required.

**P/C MARKETING COORD - GRADE 61**

Seasonal knowledge base of the insurance industry, the products, the market, the competition, and the consumer needs.

**ADMINISTRATIVE ASSISTANT - GRADE 51**

Talent of a high level of computer skills is required.

**A/P RECEPTIONIST - GRADE 01**

Talent of a high level of computer skills is required.

**SPECIALIST - GRADE 51**

Talent of a high level of computer skills is required.

**EXECUTIVE SECRETARY - GRADE 51**

Talent of a high level of computer skills is required.