

NEWS & EVENTS

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STUDENTS MEET THE SENATOR . . . Freshman microelectronic engineering students, working in Computer Engineering's VLSI Design Lab, had the opportunity to discuss their work with U.S. Sen. Daniel Patrick Moynihan during his visit to RIT Oct. 12. Pictured (left to right) with the students and Sen. Moynihan are Dr. Michael Jackson, microelectronic engineering; Paul Hauler, acting director of the Center for Integrated Manufacturing Studies; and President Simone. Because of the federal funding to CIMS, the senator wanted to see areas at RIT relevant to CIMS. He toured the prototype bays for CIMS in the Technical and Educational Center of the Graphic Arts and the Center for Microelectronic and Computer Engineering. Both of these centers are successful models for RIT's CIMS concept and for outreach to industry.

Calendar Committee Appointed; Report Expected by Jan. 30

President Simone has appointed a Calendar Review Committee to determine which system would best fit RIT's long-range strategic direction. Professor Evelyn Rozanski of the College of Applied Science and Technology has been named chair.

Among the considerations will be calendars as they affect educational quality and effectiveness, costs, enrollment, co-op, and employer satisfaction.

The committee is expected to submit a recommendation to the president by Jan. 30.

Appointed to the committee are Gary Bonvillian, College of Business; Robert

Clark, College of Science; Emanuel Contomanolis, Cooperative Education and Placement; Brian Donaghy, student, College of Liberal Arts; Tracy Kress, student, College of Science; Joseph Nairn, Part-time Enrollment Services; Richard Reeve, College of Engineering; John T. Sanders, College of Liberal Arts; Michael Servé, National Technical Institute for the Deaf; Lou Spiotti, Athletics; Ronald Stappenbeck, Information Systems and Computing; Richard Tannen, College of Imaging Arts and Sciences; and Bobette Warner, College of Continuing Education.

Budget Committee Adds Faculty, Staff Members

Two Faculty Council members and one Staff Council member will participate in budget hearings with the RIT Budget Committee for the first time this year. The Budget Committee annually reviews budget requests from vice presidents, deans, and several other budget areas.

In making the announcement, President Albert Simone said, "This procedure will represent one more way in which the faculty and staff at the university can gain a greater understanding of important processes at the university, contribute their expertise, and communicate, as appropriate, to the larger campus. This should lead to greater campus-wide understanding and support for important decisions."

Gaylene Mitchell will represent Staff Council. Bruce Oliver and Jean-Guy Naud will participate from Faculty Council. All will have three-year assignments.

"These individuals have the experience in and knowledge about budgeting, RIT's organizational structure, and mission," said Simone. "The Budget Committee looks forward to their viewpoints and insights."

Employee Health Benefits Enhanced

By Diane Zielinski

Medical and dental benefits for active employees will be enhanced as of Jan. 1, Personnel Director Kathy Bello announced at the Forum on Managed Attrition. In addition, retiree health care benefits will change July 1, 1996, although eligibility will remain the same for all current employees.

The 1995-96 salary pool also will be set at 5.1 percent as part of the first year of a proposed five-year program to increase average faculty and professional staff salary levels to the 50th percentile of a group of comparable universities. The average non-exempt salaries will be benchmarked to comparable averages of the Rochester area.

"The continuation of the salary increase program is dependent on a successful managed attrition program and positive economic conditions at the Institute," she said.

Retirement

There will be no change for retirement eligibility for current employees: age 50, with a minimum of 10 years' service (five years if hired prior to July 1, 1990) and an age plus service (years) total of 70. For employees hired after Jan. 1, 1995, the retirement age is being raised to 55.

Under the current retiree health care plan, all employees who retire at ages 50 to 59 before July 1, 1996, will pay health care premiums as active employees. For employees who retire at age 60 and over, RIT pays 100 percent of the health insurance premiums. Those who retire on or after July 1, 1996, will pay the full cost of health premiums if they are between the ages of 50 and 54 and share in health care premiums while between the ages of 55 and 64, as do active employees. When the employee reaches age 65, RIT pays 100 percent of the Medicare supplement plan premium.

Managed Attrition Timetable Planned

As a result of the Managed Attrition Forum held last week by President Albert Simone, Personnel director Kathy Bello is working on establishing a timetable for implementation.

Deans and vice presidents have submitted a list of representatives to discuss items for inclusion in the guidelines. Guidelines for implementation are being formed and were scheduled for discussion this week by a focus group composed of hiring managers. The guidelines will be shared with vice presidents and deans Tues., Nov. 1. Final guidelines will be released Thurs., Nov. 3.

Health Care

RIT will contribute up to 80 percent of the average single premium and up to 60 percent of the average family premium. Increases in premiums will be paid according to these cost-sharing rates.

Under the current plan, RIT pays a flat dollar amount toward the selected plan, at an average rate of 74 percent for the single plan and 55 percent for the family plan. Increases in premiums are split 50/50 by RIT and the employee.

Dental Plan

RIT is increasing the dental expense allowances to an average of 50 percent from an average of 40 percent for preventive care and to 35 percent from 25 percent for both basic and major restorative services.

Discovery Channel To Air Research On Dead Sea Scrolls

The television show "Beyond 2000," covering worldwide futuristic technology, will air a segment on RIT's Dead Sea Scrolls research. Presented by cable TV's Discovery Channel, the story runs at 10 p.m., Thurs., Nov. 17, and again at 3 p.m., Sat., Nov. 19 (according to the channel's listing).

The segment features Robert Johnston, special assistant to RIT's president and former dean of the now merged College of Fine and Applied Arts. Johnston has spent decades, with more than 40 trips to the Mideast, on archeological digs and imaging enhancement work. RIT Research Corporation scientists also appear in the show, demonstrating computer and CD technology used in the project.

A "Beyond 2000" producer from Australia spotted a *Business Week* story on RIT's scrolls research and included the university on an eight-week U.S. trip with her crew last year. They spent four days at RIT, covering two stories that have already aired in Australia and Europe. The second story features Doug Winton, College of Continuing Education physics instructor, and his theatrical, "wacky" ways of teaching—being "pounded" on a bed of nails, dressing like Louis Pasteur, and preparing a dinner of "good" and "bad" organisms. Winton's segment should air in January or February, according to Discovery Channel staff.



CZECH SUCCESS . . . Martina Roskova of the Czech Republic visits with Bill Nowlin (left), College of Business associate dean, and Riad Ajami (right), director of the Center for International Business and Economic Growth in the college. Roskova is a graduate of the U.S. Business School in Prague, which RIT Business dean Richard Rosett helped to found and serves as president. Roskova, a partner in the Triumph Travel Agency, was in the U.S. leading a group of Czech business people on a tour to observe American business practices.

Photo Show Spotlights Digital Works

An invited photography show by Michael Gallagher of Woodbury, Conn., opens Oct. 31 in the second-floor gallery space in front of the photography school's administrative offices in the Gannett Building. The free exhibit, "Re-View," offers 10 large-scale digital works in color (some hand colored) and black-and-white. Gallagher, a high-school photography and computer imaging teacher, has displayed his images in private shows and has work in private collections, schools, universities, and at the Mattatuck Museum in Connecticut. The show runs through Nov. 11.

NTID Performing Arts Plans Wedding

NTID's Performing Arts Department will present Carson McCullers' *The Member of the Wedding* at 8 p.m., Thurs. through Sat., Nov. 3-5, and 2:30 p.m., Sun., Nov. 6, in the Panara Theatre. A preview showing is at 7:30 p.m., Wed., Nov. 2.

Directed by 1994 Helen Hayes Award-winning actress Mary Vreeland, this poignant drama is set in a small Georgia town in the 1940s. It tells about the shared loneliness of a white adolescent tomboy who is raised by the wisdom of her black, strong-willed surrogate mother.

Ticket sales began Oct. 24 at the NTID Box Office, located in the Johnson Building. The box office is open weekdays from 10 a.m. to 4 p.m. Tickets are \$5 for students and seniors and \$7 for all others. Tickets for either preview performances or standing room of regular performances are \$4. All NTID performing arts presentations are accessible to both hearing and deaf audience members. For more information, call -6254 (V/TTY).

Fall Graduates' Reception Nov. 3

All students receiving a degree, certificate, or diploma Fall Quarter are invited to a reception from 3:30 to 5 p.m., on Thurs., Nov. 3, in the Fireside Lounge in the Student Alumni Union. Refreshments and music will be provided.

Part-Time Study Info Session Nov. 5

The Office of Part-time Enrollment Services will host an information session for part-time students at 10 a.m., Sat., Nov. 5, in the Booth Building.

At the session, students can meet with program advisers, financial aid and veterans' counselors, and find out about evening and Saturday courses, distance learning options, and the wide variety of courses and programs available.

For more information, call -2229.

Admissions Plans Fall Visits

The Office of Admissions has launched its fall travel schedule, planning to complete close to 1,000 visits to selected high schools throughout the Northeast and Virginia, Washington, D.C., and Ohio. According to Daniel Shelley, director of Admissions, the travel program generates approximately 20 percent of the freshman-level inquiry pool.

While travel is important, Shelley points out that a well-rounded recruitment program requires a variety of activities, including a sophisticated direct-mail program that this year was responsible for attracting 27 percent of the enrollment in the freshman class.

A complete visitation schedule was distributed by e-mail on Oct. 11.

NRS Honors Scholars, Parents



Dorothy (Dot) Greeley, co-chair of the NRS Scholarship Committee, and President Simone present a certificate to an NRS Scholar.

Members of the Nathaniel Rochester Society and recipients of NRS scholarships and their parents had an opportunity to get acquainted during the fourth annual Evening With Our NRS Scholars. More than 150 people attended the special reception honoring this year's 133 NRS Scholars, who were presented with pens and certificates by the Society's Scholarship Committee co-chairs, Bob and Dorothy Greeley, and President Albert Simone.

The NRS merit scholarship program was established in 1991 to recognize and support the outstanding achievements of full-time undergraduate students from all eight colleges. To be considered for an NRS scholarship, students must be recommended by their college and have an overall GPA of 3.4 or higher. Additional selection criteria include demonstrated

leadership, involvement in extracurricular activities, and community service. Students are awarded \$750 during their junior year, which is automatically renewed for \$900 during their senior year if appropriate academic performance is maintained.

"The scholarship program is an important way for NRS to honor superior students and encourage them to continue their education at RIT," says Bob Greeley. "We look forward to events like this reception that give us a chance to visit with students and personally congratulate them on their achievements."

Clark Allred, a fourth-year physics major and second-year recipient of the F. Ritter and Hettie L. Shumway NRS Scholarship, agrees that being able to meet members of the organization that provides his scholarship is one of the advantages of the NRS program.

Travel Internship Means Student's Going Places

Wendy DuBoff originally came to RIT to study photography. She will certainly take her camera with her this November, as she spends a week in Lisbon, Portugal, as a meeting and planning intern.

The senior, now a travel management major, is one of only four students nationwide to receive an American Society of Travel Agents national internship. She will get an all-expenses-paid trip to work for the ASTA World Travel Congress Conference Nov. 6-12.

Each year ASTA awards four internships to deserving students majoring in travel and tourism. The internship allows the student to attend the congress, a convention of more than 6,000 delegates who have assembled to learn more about the travel and tourism industry. Interns assist the ASTA staff in the operational aspects of the convention, both before and during, as well as meet renowned leaders in the travel industry, from local chapter members to CEOs of major international travel companies.

According to Verlette Mitchell, coordinator of educational services for ASTA, "The project Wendy submitted was excellent. Obviously, a lot of thought, research, and hard work went into the preparation of this remarkable project." Mitchell adds that the work will be long and hard, but the experience will be enjoyable, productive, new, and, she hopes, exciting.

DuBoff's project was to plan an extensive itinerary for four different groups traveling to Lisbon. The group included business travelers, hearing-impaired individuals, and senior citizens—plus one person who had to interact with each group.

"I had to be the travel agent and meet the specific needs of each group," says DuBoff. "The most difficult arrangements were for the hearing-impaired people. Unlike this country, which has the Americans

with Disabilities Act, European countries have no laws or regulations requiring accommodation of individuals with disabilities in places such as hotels and restaurants." She started the project in March and finished in August, conducting two months' worth of research, including communication back and forth with travel associations in Portugal.

DuBoff transferred to RIT from the Rhode Island School of Design. After taking time off to travel, and working at the front desk of an inn in South Carolina, she decided to switch majors from photography to travel management. "I really enjoyed my work at the inn. Growing up, I did a lot of traveling with my parents; they took us everywhere—I've seen 41 states."

"I've enjoyed my education in the school, especially having many top-notch professionals from the travel industry come to our classes," says DuBoff. "The professors have an enormous amount of work experience themselves and never hesitate to share their knowledge with us—the entire experience is really exciting."

DuBoff, a dean's-list student, member of the Eta Sigma Delta honor society, and Red Cross volunteer, is eager to meet people from different cultures and get information on future industry trends while in Lisbon.

After graduating from RIT, she is interested in finding a job with the government or a U.S. travel and tourism agency—"an area where I can interact with a variety of people and have the opportunity to bring people to this country."

"Having the occasion to know NRS members makes my scholarship much more personal," he says. "I attend as many NRS functions as possible to show my appreciation and hope to someday be in a position to help students in the same way that I've benefited from this program."

For more information about the Nathaniel Rochester Society or the NRS Scholarship Program, please contact Marisa Psaila, NRS coordinator, at -4932 or -7456 (TTY).

DONATIONS & GRANTS

McDonald's Gives To VIP-PEERS

Ronald McDonald Children's Charities has donated \$50,000 to NTID's VIP-PEERS (Volunteers in Prevention Promoting Education, Encouragement, Resources, and Support) program to increase availability of educational information about alcohol and substance abuse to the nation's young adults who are deaf.

"We at McDonald's take pride in being a good neighbor and in giving something back to the community," said Sharon Potter, vice president of the board of the Rochester Chapter of RMCC, while announcing the donation Oct. 13. The award will assist NTID's VIP-PEERS program in supporting educational outreach activities, including production and dissemination of a VIP-PEERS directory, manual, slides, and videotape.

VIP-PEERS, originally funded during 1990 through a grant award from the ACTION Drug Alliance Office, operates in coordination with Substance and Alcohol Intervention Services for the Deaf, a program established by RIT in 1979 through a contract with the Monroe County Office of Mental Health and the New York State Office of Alcoholism and Substance Abuse Services. SAISD provides drug and alcohol prevention information, short-term needs assessment, and crisis intervention to the 55,000 deaf and hard-of-hearing people in the Rochester area, as well as to those at RIT. In addition, SAISD offers technical assistance and training to staff members of community-based drug and alcohol programs.

The VIP-PEERS program uses volunteers to educate deaf and hard-of-hearing students. These volunteers, trained by consultants who are experts in the field of substance abuse, are fluent in sign language and knowledgeable about deaf culture. The program is designed to be easily replicated by other organizations with the assistance of a manual and other teaching materials that outline program format and curriculum development.

Chemistry Frat Receives Grant

The RIT chapter of Alpha Chi Sigma, a national professional chemistry fraternity, has received a \$3,500 grant from the American Chemical Society Student Affiliates Division. The award, along with matching \$500 grants from Eastman Kodak Company and the Rochester Section of ACS, is to develop an undergraduate program for the northeast regional ACS meeting in Rochester in October 1995. The grant will provide funding for student activities at the symposium and pay for one RIT student's travel to the national ACS meeting next spring.

Business Prof Named Federal Judge

By Melissa McInnis

"I wonder how someone gets one of those jobs?" asked the Hon. Franklin T. Russell five years ago, referring to a certain federal judgeship.

Russell, a business law assistant professor in the College of Business, just received one of those jobs—a lifetime appointment as a federal administrative law judge. Russell ends his ninth year as the town justice of Arcadia and has been involved in a five-year interview process for the federal judgeship. The process included a five-hour exam, situational writing, and panel questions, not to mention an FBI background check.

On Oct. 24, Russell began orientation for his new position; he will be sworn in Nov. 16. Even with his accomplishments, he says, "It's never been an easy job. A judge must be fair, impartial, and able to make the right legal decision. I have a lot to learn about my new position."

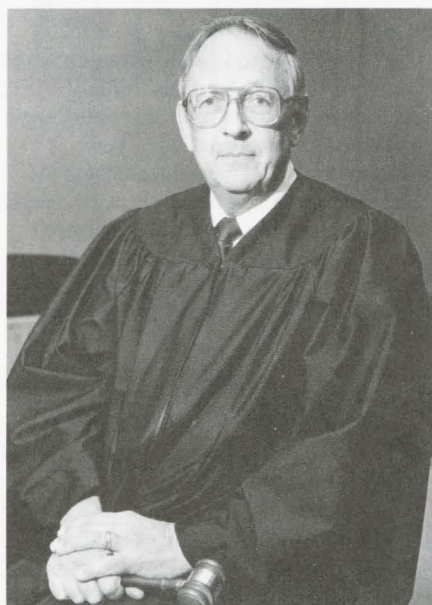
How does a judge tell when someone lies? "It's not that people necessarily lie," Russell says. "Word translations, definitions, misunderstandings, and different perceptions relay the 'facts' differently. Researching and analyzing to find the legally correct solution academically challenges me."

Because of the magnitude of his new position, Russell must give up his private law practice. He has practiced law in Newark since 1983 while teaching full time and serving as the town justice. Both take a lot of time away from his wife, Cynthia; his children, Kimberly and Jeffery; and his hobbies. With more time available, he looks forward to playing string bass in a 15-piece dance band, specializing in music from the '30s, '40s, and '50s.

"I'm delighted that I will still be able to teach graduate courses on Saturdays," he says. "This has been an excellent place to work. I would have been happy to stay here for the rest of my life."

Russell's résumé notes many more jobs than mentioned above. For six years he searched and asked questions as a licensed private investigator. In between it all, he served 28 years, actively and in the reserves, in the U.S. Army, and retired in 1986 as a lieutenant colonel.

Serving as a judge, he united many couples in marriage and can relate many interesting experiences. In one wedding ceremony, when he said to the bride, "Repeat after me, 'I—' and state your name," she was so nervous she repeated "I— and state your name." In another wedding, the aisle consisted of a platform extending over



Franklin T. Russell

someone's backyard pool. "Believe me, I cross-examined that runaway," he said.

"Professionally, I've reached the level I wanted," says Russell. "And my goals remain to perform an outstanding job and uphold the law by making the right decisions."

CCE/TPD Begin 'Corporate University'

By Sarah Breithaupt

Corporate America is increasingly recognizing that the future is significantly brighter for the "learning organization"—the company that incorporates education and training as a standard part of doing business.

The College of Continuing Education's Training and Professional Development Division, with its new Corporate University approach, helps companies become learning organizations and prosper by providing a partnership that matches RIT expertise to company requirements. "Our goal is to showcase RIT," says Richard Thomas, acting director of TPD Professional Development Programs.

It's the biggest initiative now on TPD's plate and was developed with CCE's Academic Division. Leading its implementation are Thomas and Barbara Cutrona, new acting director of TPD. Cutrona succeeds Dr. Raymond Santirocco, now interim dean of CCE. Thomas moved up to Cutrona's previous position.

The Corporate University concept is also an internal partnership among the various "providers" at RIT. TPD, as the point of contact for the client, serves as a "seamless interface," coordinating the various academic and training offerings from the across the Institute to fulfill a customized educational program to meet the client company's needs. Last year, for example, such collaboration and cooperation were demonstrated when TPD worked with 22 academic units from seven of RIT's colleges.

When RIT can't provide what the company needs, TPD may work with the company to identify vendors who can. Acting as an educational broker in such cases is yet another way to expand and serve corporate clients.

The major academic cornerstone in the Corporate University is CCE's applied arts and science degree, also known as the "flex degree," directed by CCE associate dean Dr. Lynda Rummel. "When a company's educational needs cannot be met by a specific degree with a specific 'major,' the applied arts and science degree becomes the degree of choice," says Rummel. "The degree is flexible and intentionally multidisciplinary and so can be tailored to meet complex organizational needs."

In the applied arts and science degree program, concentrations are typically composed of courses offered by other



Richard Thomas and Barbara Cutrona at RIT's City Center downtown, where the main offices for Training and Professional Development are located.

RIT colleges. "Flex" programs may include a few CCE courses, but most come from the colleges of Applied Science and Technology, Business, Liberal Arts, Science, or Imaging Arts and Sciences.

One need only look as far as Xerox for an example of the Corporate University in action. In 1992, Xerox Information Management University was developed jointly by the Academic Division and TPD, in partnership with Xerox officials, to implement their vision of which skills employees need to move the corporation into the 21st century.

RIT then developed a multidisciplinary applied arts and science degree curriculum focusing on broad educational competencies complemented by professional concentrations in information technology and business management provided by the colleges of Applied Science and Technology and Business. The corporate university concept has worked well there, they say, and is a key example of how internal RIT partnerships can result in an external success story.

Providing a "seamless interface," Cutrona and Thomas say, may also include linking their client companies with co-op students and RIT research services, among perhaps yet other unforeseen additional services. "We feel we represent RIT as a whole, not just TPD," says Cutrona.

But, before the teaching can even begin, RIT's expertise is essential in assessing what the company needs and designing a customized program. "It's not unusual for them to think they need one thing and to go in and discover they really need something else," says Cutrona.

With its new Corporate University concept, TPD plans to be very aggressive in selling itself and tapping new markets. The division recently hired Ron Endres as marketing director—a new position—to develop and manage marketing efforts for the division. Endres served as a marketing and communications consultant to area businesses and worked in a number of divisions of Eastman Kodak Company.

Cutrona's and Thomas's roots are firmly planted at RIT. Cutrona's 14 years here began as a placement counselor for the now-defunct School for Applied Industrial Studies. She eventually graduated into promotions through the ranks of TPD, earning a master's degree in career and human resource development along the way.

Thomas joined TPD in 1987, after taking early retirement as a manufacturing manager at Kodak. "It was a natural transition from the experiences I had at Kodak," he says. "I could relate very well to the needs of people in business."

Phone Books Ready—For Students Also

It's telephone book time! The 1994-95 RIT telephone directory has been completed and is currently being distributed. In addition, for the first time, Communications has printed 13,000 copies of a newsprint version of the telephone directory for distribution to all RIT students.

Audio Books Available

Special Services has experienced a high demand for audio-taped books these past few months—62 requests this year to last year's 12. Part of Special Services' support system offers audio-taped books for print-impaired students. Volunteers read requested books onto tapes, which the Educational Technology Center copies by student request.

"RIT has the best support system for print-impaired students," says Aideen McMahon, because the system was in effect even before legislation required it. Because of the 1992 Americans with Disabilities Act, which established the rights of people with disabilities, more learning-challenged students have come forth for assistance.

Call -2832 to volunteer or qualify to receive tapes.

VandenBrul Award To Honor Augusts

The "Monro Doctrine" has served the August brothers well. The "doctrine," basic principles for treating both customers and employees well, has led to decades of success for Monro Muffler Brake, Inc. Burton S. August and Charles J. August prominently post the "doctrine" in each of their 217 service centers.

On Wed., Nov. 2, the College of Business will celebrate the brothers' entrepreneurial spirit and success. The brothers, the 1994 Herbert W. VandenBrul Entrepreneurial Award winners, will make a presentation at 2 p.m. in room 1215 of the Lowenthal Building.

The VandenBrul Award is presented annually to individuals who successfully develop a business that improves Rochester's economic life or whose innovative management skills change the course of an existing business.

The award was created in 1984 through an endowment established by VandenBrul with the college. VandenBrul is one of the founders of RF Communications (now a division of Harris Corp.).

For more information, call -6025.

Trustee Scores Hole-in-One

Scott Alexander did it. The RIT trustee scored the first hole-in-one in the seven-year history of RIT/United Way golf tournaments. Not bad for the occasional golfer who only gets out to the fairways five or six times a year.

After what he called a terrible tee-off, Alexander took out his six-iron and sent his second shot sailing 138 yards straight to the pin—acing the 15th hole, par 3, in the scramble tournament. When he went to the green, he couldn't find the ball. His team member told him to look in the hole. Alexander thought he was joking.

"I was amazed—I'm not kidding when I say I'm really not much of a golfer," says Alexander, who serves as executive vice president and managing director of Fleet Investment Services. "It was my first hole-in-one, and most likely my last hole-in-one."

The 1994 RIT United Way Steering Committee applauds Alexander and the other 128 golfers who helped make this fall's tournament at Shadow Lake a huge success.

CALENDAR

Oct. 28—workshop: "Menu Madness" by Kathy Lindsley, part of Faculty/Staff Health & Wellness Fall Noon Hour Series; noon, 1829 Room, Union

Oct. 28—Second Annual Contracting Forum; local experts share information about contracting opportunities and processes, detail changes affecting federal procurement, host seminars on specific contracting issues, and meet one-on-one with local conference participants; 8 a.m.–5 p.m., Ingle

Oct. 28—International Coffee Hour End of the Quarter Party; attendees welcome to bring favorite music; 3–4:30 p.m., Clark Meeting Room, Union

Oct. 28–29—movie: *The Flintstones*; 7 and 9:30 p.m., Ingle

Oct. 28—workshop: "Effective Test Taking," part of Lunch'n'Learning Series; noon–12:50 p.m., 2383 Eastman

Oct. 29—Admissions Fall Open House, 8:30 a.m.–4 p.m.

Oct. 31—seminar: "Résumé Writing"; noon–1 p.m., Carlson auditorium

Nov. 1—workshop: "How to Make a Job Fair Work For You"; opportunity to meet employers in one location, learn how to prepare psychologically, what should be done prior to, during, and after job fair, how to make a positive first impression; 1–2 p.m., 3287 Eastman

Nov. 2—lecture: "Managing Personal Change" by Dr. Paul Kazmierski, part of Faculty/Staff Health & Wellness Fall Noon Hour Series; noon, 1829 Room, Union

Nov. 2—lecture: Burton S. August and Charles J. August, 1994 Herbert W. VandenBrul Entrepreneurial Award winners, on business success; 2 p.m., 1215 Lowenthal

Nov. 2—meeting: Policy Council; 3–5 p.m., 1320 Hale-Andrews

Nov. 3—videoconference: "Taking Your Programs Off Campus"; distance learning practitioners discuss how to determine program offerings, where to locate classrooms, delivery modes, faculty development, more; 3635 Johnson and Carlson auditorium. Captioned; space limited; to register call -6746 (V/TTY)

Nov. 3—reception: for all students receiving a degree, certificate, or diploma Fall Quarter; 3:30–5 p.m., Fireside Lounge, Union; refreshments and music provided

Nov. 3—lecture: "Eyes on West Africa," part of Deaf Speaker Series; 4 p.m., Tower A Lounge; interpreters requested; call Mindy Hopper, -6759 (TTY)

Nov. 3—seminar: "Job Hunting Strategies"; learn how to put together a creative and successful job search strategy; noon–1 p.m., 3287 Eastman

Nov. 4—Graduating Student Orientation, 9–10 a.m., 3287 Eastman

Nov. 4—movie: *I Love Trouble*; 7 and 9:30 p.m., Ingle Auditorium

Nov. 4—lecture: "The Mind-Body Relationship & Physical Fitness," by Bill Brewer, part of Faculty/Staff Health & Wellness Fall Noon Hour Series; noon, 1829 Room, Union

Nov. 5—Information Session: for Part-time Students by Office of Part-time Enrollment Services at 10 a.m., Booth Building; call -2229

Nov. 8—Philadelphia Fall Reception for prospective students, 7–9 p.m.

Nov. 9—Poughkeepsie Fall Reception for prospective students, 7–9 p.m.

Nov. 9—Utica Fall Reception for prospective students, 7–9 p.m.

Nov. 10—meeting: Board of Trustees; 1215 Lowenthal

Nov. 10—Albany Fall Reception for prospective students, 7–9 p.m.

Nov. 10—meeting: Staff Council; 2–4 p.m., 3635 Johnson

All Saints' Day Mass Schedule

Catholic masses for the Feast of All Saints will be held in the Allen Chapel of Schmitt Interfaith Center on Tues., Nov. 1, at 12:10 p.m. and 7:30 p.m.

Students Design for 'Real World'

By Laura Mikols

If you ever want to know what mechanical engineering is all about, ask Johnny Hausladen, an eight-year-old quadriplegic boy who likes to sled. Or Dr. Venk Lakshman, chief medical resident at St. Mary's Hospital. Or Bob Balk, a paraplegic cross-country skier. They all sponsored student projects in RIT's mechanical engineering Senior Design course, and they know what it's all about—solving real-world problems.

Crystallizing five years of instruction, the two-quarter Senior Design course challenges students to get right to the heart of the matter. They have tackled huge projects—a sled for Hausladen, an air bag to prevent injuries during epileptic seizures, and a ski trainer for Balk. Industry sponsors, such as JI Case and Ford Motor Company, frequently ask mechanical engineering students to improve their product designs.

The projects, and the products they yield, have far-reaching impact. Dr. Lakshman, who teaches medicine at the University of Rochester, asked mechanical engineering students to help develop a better screening procedure for colon exams. With colon cancer ranking third highest in fatalities among cancers, Dr. Lakshman envisioned a cheaper, faster, less painful procedure that would encourage people not to avoid colon exams.

The current procedure involves doctors pushing a colonoscope, a flexible tube, into the patient's colon to view and remove polyps. While it is highly effective, navigating the instrument through the colon can be painful for patients, time-consuming for doctors, and expensive.

Mechanical engineering students teamed up with other engineering majors to devise a colonoscope prototype driven by a pair of balloons connected by a push-pull cable. Rather than applying force from the outside, the balloons allow the device to propel itself through the colon, eliminating the pain involved with the procedure. The students' "colmoscope" operates by a joystick, the kind found on a video game. The procedure requires less technical skill, less time, and eliminates the need for mild sedation—cutting the cost of the exam.

Continuing work on the colmoscope this year, senior design teams are constructing a model colon as a test bed for the prototype, and building colmoscope balloons and bellows. Other projects this year include designing a powered deer alert device to prevent car accidents, a reusable emergency flare, and subsystems for RIT's Society of Automotive Engineers Formula race car, and redesigning the bumper system on a Ford Explorer.

Over the five years of the course's history, student and sponsors have forged mutually beneficial relationships. "Students gain a realistic sense of project execution," says Dave Tomer, senior lecturer of mechanical engineering, and coordinator of the Senior Design course. "They must contend with people who don't show up to meetings, drawings that aren't done on time, and vendors who don't deliver inventory on schedule."

Sponsors, on the other hand, tap into a fresh, available source of engineering talent. Many times sponsors don't have the money or personnel to get a project done. Or, like skier Bob Balk, they may not know where to find what they need. Pleased with

his off-season ski trainer, Balk's back again this year with two more project proposals.

The course structure consists of a potpourri of seminars covering communication skills, concept evaluation, ethics, industrial design, budgets and estimating, and project management. Students spend one quarter drafting the project design and the second building the prototype. Teams present their prototypes at the course's end to their classmates, professors, sponsors, and interested members of the RIT community.

PROMOTIONS/TRANSFERS

Promotions: **Gail Brown**, senior financial aid counselor, Financial Aid; **Janice Farone**, manager of human resource systems/compensation analyst, Personnel; **Cheryl McLean**, program assistant, Training and Professional Development; **James Monteleone**, senior technologist, Training and Professional Development—Technical and Education Center of the Graphic Arts; **Joanne Murabito**, secretary IV, Information Systems and Computing; **Marcia Port**, records assistant I, Development; **Karina Shumanski**, secretary V, Provost's Office; **Ruben Soto**, web press technologist II, Training and Professional Development—Technical and Education Center of the Graphic Arts; **Suzanne Sousa**, secretary V, Liberal Arts; **Lynda Wanzenried**, executive secretary, College of Applied Science and Technology

Transfers: **Diane Hornby**, secretary III, National Technical Institute for the Deaf; **Janet Miller**, secretary III, Admissions; **Melody Shust**, secretary III, National Technical Institute for the Deaf

NEWSMAKERS

• The following members of the National Technical Institute for the Deaf's Center for Sign Language and Interpreting Education achieved various levels of certification from the American Sign Language Teachers Association. **Christine Monikowski**, assistant professor, and **Michael Krajnak**, visiting instructor, both received the ASLTA Provisional Certification. **Thelma Bohli**, visiting instructor, and **Sam Holcomb**, lecturer, both received the Qualified Level ASLTA Certification. **Victoria (Torrie) Armour**, assistant professor, **Dominique Le Poutre**, assistant professor, and **June Reeves**, assistant professor, all received the Professional Level ASLTA Certification.

• The following faculty members from the College of Science's Department of Chemistry presented papers at the recent 208th American Chemical Society National Meeting in Washington, D.C. **Marvin Illingsworth**, associate professor, was co-author of "Synthesis, Purification, and Characterization of the Mixed Ligand Zirconium Complex Zr (NDSP) (3,5-diDSP)" and "Atomic Oxygen Erosion of a Transition Metal Complex." **Henry Gysling**, adjunct faculty, presented "Single-source Precursors for the MOCVD Fabrication of Thin Films of Electronic Materials: A New Interface of Organometallic Chemistry and Materials Science" and "Spray MOCVD: A Technique for Fine Line Fabrication of Thin Films of Electronic Materials Using Precursors of Low Volatility." **Robert Paine**, visiting professor, and **Gerald Takacs**, department head, presented "Distance Learning Chemistry Courses."

• **Bruce Austin**, professor, Professional and Technical Communication, College of Liberal Arts, presented an invited lecture in September to the Roycroft-Elderhostel class at the Foundation for the Study of the Arts & Crafts Movement at Roycroft, East Aurora, N.Y. Austin's lecture focused on furniture, metalware, ceramics, and textiles of the Arts & Crafts Movement.

• **Roberly Bell**, assistant professor, Foundation Department, schools of Art and Design and American Crafts, had a one-person installation—"Home Series: Labor"—at the Sarah Doyle Gallery of Brown University, Providence, R.I., ending Oct. 21. The exhibit looked at women's place and work in the home, featuring 40 organic sculptural forms modeled around domestic items, including a wall with text.

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NEWS & EVENTS