

VCU Voice

A Publication for Faculty and Staff on Virginia Commonwealth University's Academic and Medical College of Virginia Campuses

Biotechnology Research Park Prepares for Opening

by Carol V. Dunlap
University News Services

On a recent October morning, William Dewey sat with a biotechnology company representative in his Sanger Hall office to seal a leasing agreement for the company's location in the Virginia Biotechnology Research Park. The two smiled into a camera's eye as a university photographer snapped photos to record the informal signing ceremony.

The event was indeed special. The future tenant is Boehringer Ingelheim, a \$7 billion German-based pharmaceutical giant that will open a process development laboratory in the Research Park. Frank Gupton, technical director of subsidiary company B.I. Chemicals that will move into the park said,

"The Research Park is a good match for B.I. Chemicals Inc. Our scientists are excited about the excellent R&D space and the proximity to the Medical College of Virginia campus of Virginia Commonwealth University."

Dewey's meeting with Gupton was special but not unique. As executive vice president of the Research Park, Dewey has been busy signing a number of new leases for the park's first completed building, the Virginia Biotechnology Center, the nucleus of the planned 22-acre park set to open in December.

The park, to be developed over the next 10 to 15 years, will be devoted to biomedical and biotechnology research. Private companies, institutes and government agencies researching and developing technologies for health care, food safety, nutrition

and the environment will be housed in the park. A \$5 million bond referendum approved by Virginia voters in 1992 funded park construction, and more than \$1.2 million has been contributed to the park's development by the Greater Richmond business community and local governments.

"These generous funds testify to the commitment the state and local governments have made to this Research Park," said VCU President and Research Park President and Chairman Eugene P. Trani. "The \$1.2 million in funding supported the park's operations throughout the launch, but now we are successfully moving into a phase in which the park will begin its transition to a self-sustaining civic enterprise."

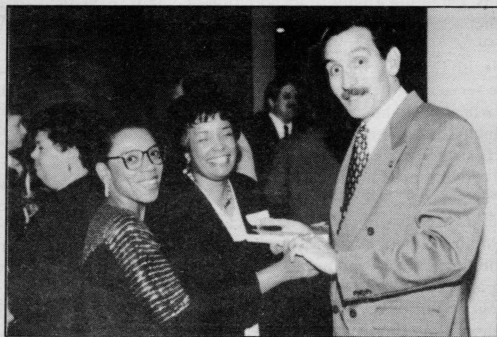
Please see **BIOTECHNOLOGY PARK**, page 8

Service Awards

More than 1,560 employees were honored for their years of commitment and dedication to Virginia Commonwealth University during this year's 24th annual Service Awards festivities. Employees with 25 years of service or more were recognized at an Oct. 20 Gala Celebration in the University Student Commons. Clockwise from right: Henrietta Brown, a 25-year recipient from Student Affairs, accepts congratulations from Henry Rhone, vice provost for student affairs. John Lambert, a former School of Business faculty member who completed 40 years of service, talks with Tom Barker, dean of the School of Allied Health Professions. Joining the festivities were Employee Relations' Rusty Smith and Sandy Johnson, as well as Dr. Frank Tortorella, director of Employee Health Services.



Photos by Doug Bierlein



VCU AmeriCorps Reaches Out for Second Year

by Kyra Scarton Newman
editor

When President Bill Clinton led representative AmeriCorps members in their oath for the program's second year of service, two Virginia Commonwealth University students were reciting those words in the White House.

Their face-to-face pledge to President Clinton: "To get things done."

Nichole Canada, a sophomore from Warsaw, and Marcus Morton, a junior from Farmville, were among 40 AmeriCorps members from across the country who participated in the Oct. 12 White House opening ceremony for the 1995-96 AmeriCorps program.

"What was going through my mind was I *did* make the right decision" in joining AmeriCorps, Morton said. "I was delighted. It made me feel good that I was representing a good cause."

Both Canada and Morton are education majors, and they are participating in the program via RAMSCorps, the VCU Education School's initiative under AmeriCorps. They are serving in tutoring and mentoring roles at Whitcomb Model Elementary School, located in one of Richmond's public-housing communities.

Canada used the opportunity in Washington to learn what AmeriCorps members are doing in other states, and

Please see **AMERICORPS**, page 2

JOVANOVIC, JOHN S
ULS INFORMATION SERVICES
P.O. BOX 842033 #

Financing Undergraduate Medical Education

The financing of undergraduate medical education (the first four years of medical school) at Virginia Commonwealth University and the University of Virginia is in jeopardy. We will be joining our colleagues at UVa. to make the case for additional state support for undergraduate medical education in the 1996 session of the General Assembly.

Nationally, VCU ranks 66th among 74 public medical schools in state support per medical student; UVa. ranks 60th. It costs an average of \$78,700 per year to educate each medical student enrolled in Virginia's two state-supported medical schools. State funds provide less than 30 percent of that cost. As a result, the two institutions rely heavily on patient revenue from faculty practice and hospital care to support more than half the cost of medical education.

The major problem we face in financing undergraduate medical education is that health-care reform and new market forces in the delivery of health care threaten the future of patient revenues:

- health-care reform is demanding an increase in

primary-care physicians (generalists), which cost academic medical centers more to educate and train;

- legislation currently being debated in Congress about Medicare and Medicaid would reduce our revenues;

- insurance companies have been increasingly unwilling to subsidize the cost of the academic mission in their reimbursements to teaching hospitals for services;

- the health-care industry as a whole is moving from a traditional fee-for-service system to a managed-care system, which is reducing the amount physicians and hospitals can earn from providing patient care.

Experts predict, therefore, that public medical schools will see significant declines in patient revenue. We are expecting patient revenues at VCU and UVa. to decline by 18 percent to 25 percent over the next five years.

To protect our revenues in support of the academic mission, VCU and UVa. continue to streamline their

operations to reduce costs. Both institutions also are underway with initiatives with the private sector that should make us more competitive in the managed-care environment.

Such efforts will help us stabilize the financial outlook for undergraduate medical education. But it will not be enough. We need the state's help.

VCU is requesting an additional \$6.7 million in 1996-97 and another \$6.7 million in 1997-98 to increase the state's share of the cost of medical education. UVa. is requesting an additional \$5.2 million in each year of the coming biennium. In addition, the two institutions will be recommending that the state adopt a long-term financing policy, which would raise the state's contribution to more than half the cost of undergraduate medical education by 2000.

I look forward to reporting to you again on this vitally important legislative issue for Virginia's academic medical centers.

— Dr. Eugene P. Trant
President

AMERICORPS

continued from page 1

the visit with the president also gave her a boost for the year ahead. "It was pretty exciting," said Canada, who was among 500 AmeriCorps members who were at the inaugural swearing-in ceremony at the White House last year.

This year's event has helped her focus on the task ahead for her. "The program means working with the children," she said. "It means being there for the children if they have a problem, if they need someone to talk to."

The White House event came a day after the Virginia Commission on Community Service and Volunteerism swore in new AmeriCorps members in the state. After the ceremony, the 150 members put their words into action with service activities at five sites in

the Greater Richmond community.

Often referred to as a domestic Peace Corps, AmeriCorps is the national service initiative signed into law in 1993 by Clinton.

Through AmeriCorps, individuals of all ages and backgrounds address the nation's education, public-safety, human and environmental needs through service. In return, AmeriCorps members receive educational awards to help finance their college education or vocational training or to pay back their student loans.

This year, VCU has 32 part-time and four full-time AmeriCorps members assigned to projects with nine community partners. Part-time members serve 900 hours per year, while full-time participants complete 1,700 hours.

"Our first year was our pioneer year," said Annie Lewis, program coordinator at VCU. "After spending time with our community members and our AmeriCorps members, I think this is going to be a banner year. We've got an opportunity to accomplish a lot in the Richmond community."

Already, the group has expanded its outreach, Lewis added. In addition to supporting its community partners in achieving long-term goals, AmeriCorps members are assisting other agencies and groups with one-time projects or events, such as

painting a facility or staffing a community forum.

VCU's AmeriCorps project is managed by the Office of Community Programs in the Division of Community and International Programs. The service project are collaborations with the School of Education, the School of Nursing and the Department of Psychology. The University Career Center also assists in recruiting, training and evaluating members.

VCU is the only four-year university in the state funded by the AmeriCorps program this year.

VCU Partners with Local Groups

This year, Virginia Commonwealth University has partnered with nine agencies, schools or organizations that will benefit from AmeriCorps. The partners and projects are:

- Carver Elementary School: Members assist teachers with classroom activities, provide tutorial services and coordinate cultural enrichment events for students and their parents.

- Comprehensive Health Investment Project of Richmond: Members help with home visiting teams, parenting groups, transportation of clients to medical appointments and other services to improve the health of children and families on a limited income.

- Cross-Over Health Center: AmeriCorps participants work with staff and volunteers to enhance services provided by the center and assist with the Lay Health Worker Program, a health and nutrition training effort.

- First Homes Inc.: The organization offers homeless families the opportunity to become stable, first-time homeowners, and VCU members are helping First Homes to identify root issues of homelessness and to assist families in breaking out of the poverty cycle.

- Garfield F. Childs Memorial Fund: In an educational program for children and residents of Gilpin, Whitcomb and Mosby communities, AmeriCorps members mentor and tutor elementary and middle-school children, provide conflict resolution training and coordinate cultural activities for students.

- Richmond Program Office of the Christian Children's Fund: AmeriCorps is helping to establish an afterschool caregivers-exchange program.

- South Richmond Health Center: AmeriCorps members work directly with health-care professionals, case managers and outreach workers at this community-based facility, a primary-care initiative of the university.

- VCU Community Nursing Organization: Members work with the organization's faculty, staff and students to help meet the health needs of high-risk populations in Richmond.

- Whitcomb Model Elementary School: This effort is designed to enhance academic skills of at-risk elementary students and to enhance parental involvement in the educational process.

*Interim Executive Director
of University News Services*
Melissa R. Burnside

Editor
Kyra Scarton Newman

VCU Voice is published biweekly by University News Services for faculty and staff of Virginia Commonwealth University. Opinions expressed in VCU Voice are those of the authors and not necessarily those of VCU. Letters to the editor and other submissions are welcome.

Please direct all correspondence, material and inquiries to VCU Voice, 826 West Franklin Street, P. O. Box 842036, Richmond, VA 23284-2036; 828-6052. (Unsolicited material cannot be returned.)

An Equal Opportunity/Affirmative Action University

VCU

Virginia Commonwealth University

Submission Deadlines

The deadline for the Nov. 13 issue of VCU Voice is Nov. 3. Letters and other submissions for News Briefs, Calendar, People in the News and other features may be mailed to P.O. Box 842036 or faxed to 828-2018. Photographs are welcome. For information that exceeds one typewritten page, please call 828-6052 to ensure that space is available.

Goldman Departs Massey Cancer Center for N.Y. Post

by Bill Edwards

When Dr. I. David Goldman shuts off his computer for the last time and gives up his chair as director of the Massey Cancer Center at the end of October, he will leave behind a legacy of scientific discovery, community service, public education and phenomenal growth.

E. Morgan Massey, chairman of the center's advisory board and one of its chief benefactors, is focusing on how Goldman will continue to contribute to the national fight against cancer in his new post at the Albert Einstein College of Medicine Cancer Center.

"A researcher at heart, he's being given the opportunity to pursue some very important cancer research in one of the best cancer centers in the country," Massey said. "If his leaving can drive a few more nails into the coffin of cancer, then that will benefit us all. After all, in this business of fighting cancer, we share what we learn. I am sad, though, because Dr. Goldman has done so much for the Massey Cancer Center and for this community. He has taken a fine institution and made it much better."

Goldman became director of the Massey Cancer Center on the Medical College of Virginia campus in 1988, after serving two years as its scientific director. A member of the Virginia Commonwealth University faculty since 1974, he is moving to the New York area to become director of the Albert Einstein College of Medicine Cancer Center and a professor of medicine and pharmacology. He says despite his administrative role at Einstein, the new position will give him more time to pursue his own research into the ability of certain drugs to penetrate and destroy cancer cells.

"My job at the Massey Cancer Center has been a great job to have," Goldman said. "We have some of the finest scientific investigators in the world and more flexible resources than almost any other department, so we've had many successes ... in research, in treating cancer and in educating people

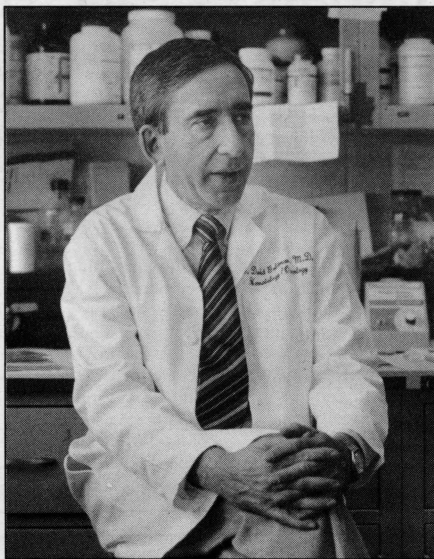


Photo courtesy of the Massey Cancer Center/Richmond Times-Dispatch

Dr. I. David Goldman is leaving his post at VCU's Massey Cancer Center at the end of this month to direct the Albert Einstein College of Medicine Cancer Center. Goldman has been on the VCU faculty since 1974 and has worked with Massey since the mid-1980s.

about prevention.

"But although I am primarily a scientist, I have to say the most satisfying part of my job has been experiencing the warmth and commitment of this community. Richmond has truly been generous to us."

Among the successes Goldman outlined in his letter of resignation to MCV is the center's nationally recognized Rural Cancer Outreach program, which since 1989 has established satellite cancer centers in

the Virginia communities of South Hill, Kilmarnock, Farmville and Grundy. Development of the program was partly inspired by researchers' conclusions that cancer education and prevention will be one of the most effective ways to reduce the cancer threat in Virginia, which now ranks 11th nationwide in cancer mortality rate.

During his tenure at VCU, Goldman has helped raise more than \$32 million in research and recruitment funds, including more than \$18 million in grants from the National Institutes of Health, \$11.7 million from donors and \$2.5 million in state funds. The success of the Massey Cancer Center in obtaining funds for the university has greatly enhanced its success in cancer research, which in turn has supported the center's mission of "helping people, not doctors," he said. In many instances, basic research being conducted by multidisciplinary scientists on VCU's MCV and academic campuses is leading ultimately to clinical applications in which promising new treatments are tested on cancer patients.

"We've taken the money the community has given to us and invested it in talent," Goldman said. "We've recruited 18 top investigators to work on cancer research since I've been here, and we've worked hard to make sure they have the funds they need to continue. I believe it's madness to let good scientists flounder. With the economic pressures of today, no one is immune to losing a grant, so we've had to be very competitive with other cancer centers in seeking funds."

One of about 50 cancer centers officially recognized by the National Cancer Institute, the Massey Cancer Center focused on specialties to increase its chances of funding, Dr. Goldman said. During Goldman's tenure, the center has gained attention for its research in such areas as cancer drugs, the effects of radiation treatments, the nature of cancer cell growth and death, immune system response to cancer and neuro-oncology.

Aguilar Named '95 Budd Recipient

by Kyra Scarton Neuman
editor

Marquita Aguilar loves her job.

And her dedication to her students and colleagues in the Department of Health, Physical Education and Recreation was rewarded Oct. 13, when she was named this year's recipient of the Dorris Douglas Budd Award.

"It's a joy. I'm just so grateful," said Aguilar, who was selected from among seven finalists. She also was surprised, saying that each finalist had the blend of skills, talents and commitment to be selected for the award.

"I love working here. You get to meet so many different people," Aguilar said.

She was nominated for the award by Jack Schiltz, her department chair. She joined the previous Recreation and Parks Department about 10 years ago, and has been with the Health, Physical Education and Recreation Department for nearly two years since her former department merged with the Department of Health and Physical Education.

As office manager, Aguilar serves as the unit's primary contact for students, as well as the department's 17 full-time faculty and 18 adjunct instructors. Her responsibilities also include department finances, student evaluations and information, advising schedules and textbook orders.

"Without her, nothing goes right," Schiltz said at the MCV Alumni House reception.

In his nomination, Schiltz wrote "she has that unique ability to provide a sincere hello and combine it with true concern for the well-being of all individuals who contact here. When outsiders are asked 'what was your first impression of the division,' the name of Marquita Aguilar is the first person identified as being 'friendly,' 'warm,' 'interested in me,' 'wanted to help me' and 'the best recruiter for the program.'"

Aguilar admits that one of her favorite parts of her job is helping the students and others in her department — particularly as the university works to accomplish its goals. "When you're a good listener and you get all the facts, you're able to help that person," she said. "This is an honor. I do think a lot of my job."

VCU President Dr.

Eugene P. Trani also praised this year's nominees. "You are the face of VCU for many of our constituents, both internal and external," he said. The Budd award allows the university to honor not only individual contributions to VCU's mission, but to recognize the thousands of years that staff collectively have dedicated to their second families at the university, Dr. Trani added.

"You are the bedrock of this community," Linda Harber, executive director of VCU Human Resources, told the finalists. "We clearly value your input and your contributions to our community."

The Dorris Douglas Budd Award was established in 1981 to recognize outstanding secretarial/clerical staff who are dedicated and determined to



Photo by Tommy Bishop—VCU Media Services

Jack Schiltz, chair of the Department of Health, Physical Education and Recreation, congratulates Marquita Aguilar, this year's Budd Award recipient.

advancing the image and mission of the university. The award is presented as part of the university's annual Service Awards celebration. As part of program enhancements this year, the award was presented during a separate event and a plaque listing Budd honorees will be placed on permanent display in the University Meeting Center.

Other finalists for the 1995 award were: Emily Clarke, Human Resources; Theresa Harnish, Office of the Provost; Maggie Leftwich, Government and Community Relations; Regina Shaw, Department of Ophthalmology; Priscilla Wallace, Academic Planning; and Dorothy Winfree, Employee Health.

PHP Healthcare Announces Pact with MCV Hospitals

University Health Services, an investment arm of Virginia Commonwealth University's Medical College of Virginia Hospitals, has entered a partnership with PHP Healthcare Corp. in a health-maintenance organization. Under the agreement, University Health Services will acquire about 30 percent of the HMO, the Virginia Chartered Health Plan.

The transaction, which is VCU's first joint venture in health-care financing, is subject to approval by the Virginia Department of Insurance. The HMO is designed to provide care for Medicaid recipients.

"This agreement represents the start of a new era for the care of Medicaid recipients in Virginia," said Carl R. Fischer, president of UHS and executive director of MCV Hospitals.

"It demonstrates our commitment to continue to serve the Medicaid population with improved access, cost-effectiveness and the maintenance of quality care. Virginia Chartered Health Plan ... also provides an opportunity for enhanced working relationships with community physicians."

Virginia Chartered Health Plan will be modeled after D.C. Chartered Health Plan, a PHP subsidiary that operates an HMO in Washington. Dr. Robert Bowles, president and chief executive officer of D.C. Chartered, also will serve in those roles for Virginia Chartered, which started operations earlier this month.

"The HMO will be supported by management services of PHP Healthcare and D.C. Chartered to

capitalize on their experience, management systems, data information services and other resources," said Charles H. Robbins, PHP chairman. "A team from PHP Healthcare has been working on this for more than a year. We are excited about the potential for leveraging off the combined experience as managed-care organizations, to provide new levels of care while controlling costs."

Added Jack M. Mazur, senior executive vice president of PHP Healthcare, "UHS will play a major role in the provision and management of care for VCHP. VCU's Medical College of Virginia Hospitals is ... recognized nationally for the quality of its staff, faculty practice and experience in managed care. VCU physicians at MCV also will play an

active role in providing patient-centered care and controlling medical costs."

Virginia Chartered Health Plan has established its headquarters in Glen Allen, and another office will open in Tidewater. The headquarters group will manage such components as general operations, information systems, marketing and membership services.

Based in Reston, PHP Healthcare has almost 20 years experience in developing innovative health-care delivery systems for public agencies, corporations and communities. Its integrated-care systems serve patients from primary-care health centers linked to others aspect of managed-care systems. The company operates 70 health-care projects in 28 states.

News Briefs

'Run for the Cure' to Benefit Cancer Center

Proceeds from the eighth annual "Run for the Cure" on Nov. 4 will benefit VCU's Massey Cancer Center. The five-kilometer run/walk will begin in York River State Park at 10 a.m.; a half-mile "pee-wee run" will start at 9:30 a.m.

Registration up to the day of the race is \$13, which is waived for all participants who donate \$25 or more to Massey Cancer Center.

Men will compete in nine age groups, while there are eight groups for women. For more information, call race coordinator Bruce Emmert at (804) 566-8345 or race director Charles Crone at (804) 253-2657.

Social Work Services Earns Oncology Grant

The Department of Social Work Services at MCV Hospitals, in conjunction with the VCU School of Social Work and the Virginia division of the American Cancer Society, has been designated by the American Cancer Society as a 1995-96 national grant recipient for advanced-practice training in oncology social work. The grant is part of a training program by the ACS, which also provides funds to support physicians and nurses to specialize in oncology practice.

"The highly competitive nature of this award makes the MCV/VCU designation a distinct national honor," according to William Spitzer, MCV Social Work Services director. MCV will become one of only 18 U.S. medical institutions to offer specialized master's level social work oncology training.

Linda Gann Barker, a second-year master's candidate, was the first to begin the program in September. Valerie Cauthorne, a member of the department's oncology division, is serving as training preceptor.

Trainees receive both classroom and field experience in the care of oncology patients and families. In addition to direct patient service at MCVH, Barker will complete designated School of Social Work classes and assist the Virginia ACS division with community-based services.

Educators Rank Interior Design Program

Educators from interior design programs across the country have ranked VCU's program in the School of the Arts among the top five in the nation.

The top program was Arizona State University, followed by the University of Cincinnati and the University of Oregon. Tied with VCU were Cornell University and the University of Florida.

The rankings were published in the August edition of *Interior Design*.

Women Sought for MCV Clinical Study

The Division of Cardiology is conducting a study of post-menopausal women to evaluate the effect of estrogen-progesterone hormone replacement therapy on blood vessels. The lining of blood vessels helps to regulate blood flow, vessel size and interaction with cholesterol in the blood stream.

Atherosclerosis, or hardening of the arteries, causes injury to blood-vessel walls and can lead to heart attacks. Researchers believe natural estrogen reduces a woman's risk of developing atherosclerosis prior to menopause. Without hormone-replacement therapy after menopause, many women may have an increased risk of developing atherosclerosis and related heart problems. By measuring the size of blood vessels in post-menopausal women with and without hormone-replacement therapy, researchers hope to determine a possible mechanism for the benefit of this therapy.

VCU Announces Transportation Changes

After reviewing transportation-service proposals, a committee of faculty, staff and students recommended that Virginia Overland Transportation Co. provide university transportation services. The Greater Richmond Transit Co. will continue to operate the VCU Shuttle between campuses.

Virginia Overland has provided transportation services for VCU since 1989. "The company is very experienced and has served the university well over the years," said Charles V. Bryson, VCU director of business services. As part of the contract approved by university officials, Overland will provide newly refurbished transit buses on the North and South loops. With this equipment, all of VCU's transportation system will be completely accessible for those with mobility impairments.

Through the new contract, Virginia Overland will continue to operate the North, South and Academic loops. Additionally, VCU transportation employees are being offered positions with the company.

The committee's recommendation comes in support of a university effort to examine operations for opportunities to restructure service delivery through privatization.

For more information, call Nick Ciucci, acting parking and transportation manager, at 828-8020.

Participation in the clinical trial involves an ultrasound study of the arm and takes about one hour to complete. Women under age 60 who are at least three years post-menopause are encouraged to enroll in the study.

The principal investigator for the study, funded by the American Heart Association, is James Arrowood of the Division of Cardiology. For more information, call Marlena Willis, study coordinator, at 828-9989.

VCU Basketball Clubs Open for Youth

The Junior Rams Booster Club and the Lady Rams Kids Club are children's fan clubs for the VCU men's and women's basketball teams. Kids in grades kindergarten through eighth grade can join. Members receive free tickets to VCU basketball home games, a membership certificate, T-shirt, pen pal, monthly newsletter and the opportunity to meet VCU players and coaches.

For more information, call Eric Tyler in Athletics at 828-7000.

Service, Safety Awards Coverage Expanded

• Several additional employees have been identified as 1995 Service Award recipients.

Five years: Cathy Klosenberg, Humanities and Sciences; Deelane Sue Schaver, Plastic Surgery; and Mary Shall, Physical Therapy.

10 years: Sylvia Converse, Internal Medicine; Joanne S. Mitterer, Heart/Lung Transplant; Louis W. Moore, Hospital Information Systems; and Sharon Simmons, Internal Medicine.

15 years: Stephen C. Coudriet, Humanities and Sciences.

20 years: John Hanna, Center for Public Policy; Marvin R. McKenney, Physical Plant; Deborah Lewis Saunders, School of Medicine; and Sandra Woodson, Admitting.

• In the Oct. 16 issue of *VCU Voice*, Marion Reynolds, director of support services and planning, accepted a "Lab of the Year" safety award for Environmental Services. Carol Elliott was a safety-awareness winner for the MCV Child Care Center.

Events Planned to Celebrate VCU 1995 Founders Day

by Kyra Scarton Newman
editor

Virginia Commonwealth University will honor 12 Alumni Stars as part of its weeklong celebration of Founders Day. Other highlights of the 1995 festivities, which run Oct. 30-Nov. 5, include a panel of community members discussing regionalism, a forum on social policy and an exhibition of recent works by graduate-student artists.

"Founders Day provides an opportunity for us to celebrate our past and look to the future," said William P. Iles, director of alumni activities. "Our alumni play an integral role in building that history, and their accomplishments are helping to advance our university. We're honored to celebrate tradition with a range of Founders Day events."

VCU was founded on Nov. 2, 1838, when the Medical College of Virginia's School of Medicine opened. The Richmond Professional Institute traces its roots to 1917, and RPI merged with MCV in 1968. This year's Founders Day program also marks the 150th anniversary of the Egyptian Building, the oldest building on campus. Designed by Philadelphia architect Thomas Steward in 1845, the facility offers the purest example of Egyptian Revival architecture in the country.

Events during VCU's 1995 Founders Day celebration include:

- **VCU Friends of the Library Fall Lecture, Nov. 1.** Fifteen community

members, representing diverse areas such as education, business and government, will participate in a panel discussion on "Regionalism: The Next Step." The program will begin at 7:30 p.m. in the Commonwealth Ballroom of the University Student Commons.

- **"New Artists, New Works" Reception, Nov. 2.** The Sculpture Department in the School of the Arts is the nation's largest, and this 5:30 p.m. reception in the James Center Atrium, 1021 E. Cary St., recognizes the work of graduate sculpture students. The "New Artists, New Works" exhibition will be on display in the James Center Atrium from Oct. 30-Nov. 3.

- **"Let's Go to Egypt" Lecture, Nov. 2.** The recent discovery of the tomb of the sons of Ramses II has sparked new interest in ancient Egypt and unsealed a cache of information about that civilization. Robert Talbert, associate professor of history, will illustrate comments about the culture of ancient Egypt with a slide presentation. He also will incorporate the history of VCU's Egyptian Building. Sponsored by the APB Lecture Committee, Talbert's talk will begin at 7 p.m. in the Commons Theater.

- **School of Nursing 1995 Conference, Nov. 2-3.** The VCU/MCV School of Nursing and Alumni Association will sponsor its 28th annual nursing lecture and third annual alumni conference. Speakers Susan Morales Mayer, director of Healing Touch

Canada, and Regan Crump, deputy chief in the Division of Community and Migrant Health with the U.S. Public Health Service, will join alumni in addressing "Diversity in Nursing Practice: Providing Culturally Competent Care." A highlight of the conference will be educator and author Karen Kaiser Clark speaking on "Life Is Change — Growth Is Optional." The program will be held at the Sheraton Park South, 9901 Midlothian Turnpike. For registration, contact the MCV Alumni Association at 828-3900.

- **Third Annual Forum on Social Policy, Nov. 3.** The forum will feature an in-depth look at welfare reform led by David Stoesz, who joined the School of Social Work faculty this fall as the Samuel S. Wurtzel Chair in Social Work. Stoesz is a nationally recognized authority on social policy and the author of two new books, *The Politics of Child Abuse in America*, a criticism of the management of the nation's protective services, and *Small Change: Domestic Policy under the Clinton Presidency*. The program will run from 3-5 p.m. in the Performing Arts Center, with a reception following.

- **Gala Celebration, Nov. 3.** The MCV and VCU alumni associations will host a 6 p.m. "Meet the Stars" reception in the lobby of the University Student Commons, in honor of this year's 12 Alumni Stars. The Founders Day Alumni Recognition Dinner will follow at 7 p.m. in the Commonwealth

Ballroom of the University Student Commons.

- **Homecoming, Nov. 4.** A dance featuring music by local DJs will begin at 9 p.m. in the Commonwealth Ballroom of the University Student Commons. The tickets, \$4 in advance or \$5 at the door, will include hors d'oeuvres. Miss VCU also will be crowned during the program.

- **Chorus of Affection, Nov. 5.** Students of L. Wayne Batty, professor of music, will perform at a benefit concert for a scholarship in his name. Batty has taught voice at VCU for 40 years, and his former students are gifted recitallists, opera singers and teachers in the United States and Europe. The program begins at 8 p.m. in the Concert Hall of the Performing Arts Center. Donations will be accepted at the door.

- **International Symposium on the Science and Technology of Atomically Engineered Materials, Oct. 30-Nov. 4.** Sponsored by the American Physical Society and the Metallurgical Society, the symposium on "Atomically Engineered Materials" is expected to draw international researchers in physics, chemistry, materials science and chemical engineering. The program also is sponsored by the National Science Foundation, the U.S. Army Research Office, Philip Morris and Extrel Corp. The symposium will be held at the Jefferson Hotel, Franklin and Adams streets. For more information, call (804) 828-8991.

University to Honor 12 Alumni Stars for Accomplishments

Virginia Commonwealth University will honor the accomplishments of 12 Alumni Stars and their commitment to the university during 1995 Founders Day activities. The stars will be formally honored during a Nov. 3 Founders Day Alumni Recognition Dinner by VCU President Dr. Eugene P. Trani. The dinner is scheduled to begin at 7 p.m. in the Commonwealth Ballroom of the University Student Commons.

This year's Alumni Stars are:

- The School of Allied Health Professions will honor David W. Singley, a 1985 master's of health administration graduate. Singley is the chief executive officer of Coastal Physician Group of Florida Inc. in Boca Raton, overseeing day-to-day management and operations of Coastal's managed-care business in the state, including its health maintenance operation, independent physicians association and management services organization. Singley also is regional executive vice president of Coastal Physician Group Inc.

- Roberta Ann Williamson will be honored by the School of the Arts, where she earned her master of fine arts in jewelry and metalsmithing in 1976. In the past 20 years, the Berea, Ohio, artist has received eight grants from the Ohio Arts Council for her studio work, which has been exhibited in both nationally and internationally juried shows.

- The former School of Basic Health Sciences will honor David Lee Cochran of San Antonio, Texas. Cochran holds three degrees from VCU: a master of science in biochemistry, 1977, a doctor of dental surgery, 1981 and a doctoral degree in biochemistry, 1982. Since 1992, Cochran has held appointments as professor and chair of the Department of Periodontics at the University of Texas Health Science Center, following six years on the VCU faculty.

- A 1973 graduate, Robert J. Grey Jr., will be recognized by the School of Business. Grey is a partner

with the Richmond law firm Mays & Valentine, which he joined in 1985. Grey also serves as vice chairman of the Richmond Metro Chamber of Commerce and chairman of the Virginia Black Caucus, and he is a member of the VCU Business Council and the VCU Foundation board.

- Anne C. Adams will be honored by the School of Dentistry. A 1975 master's recipient in microbiology and a 1980 doctor of dental surgery alumna, Adams has been in private practice in Richmond since 1980. She also has served on the VCU school's faculty in the field of restorative dentistry for the past 15 years.

- The School of Education will recognize M. Kenneth Magill, who earned his bachelor's degree in business from VCU in 1965 and his master's degree in education in 1969. A Richmond resident, Magill is the division chief for administration in the Virginia Department of Education, which he joined 23 years ago. A former teacher and principal, Magill developed the first "Guidelines for Middle Schools in Virginia" and was a founding member of the Virginia Middle School Association.

- A 1980 graduate in history, Robert A. Pratt, will be honored by the College of Humanities and Sciences. A scholar who has published extensively on race relations and the civil rights movement, Pratt is an associate professor of history at the University of Georgia in Athens. His book *The Color of Their Skin: Education and Race in Richmond, Virginia, 1954-1989*, received the 1993 Outstanding Book Award from the Gustavus Myers Center for the Study of Human Rights in the United States.

- The School of Medicine will honor Dr. Bruce E. Jarrell, who completed his general surgery residency at the Medical College of Virginia in 1978. Jarrell has served as professor and head of the Department of Surgery in the College of Medicine at the University of Arizona Health Sciences Center in Tucson

since 1990.

- The Nontraditional Studies Program will recognize Joseph A. Runk, who earned two degrees under the program: a 1988 bachelor of general studies degree and a 1991 master's of interdisciplinary studies degree. A computer consultant working in Seattle, Runk formerly was a senior manager in the Management Information Systems Administration of the Virginia Department of Motor Vehicles. Runk applied research from his master's program to the development of the final technical requirements for the DMV's digitized driver's license.

- Regan L. Crump, a 1978 graduate from Gaithersburg, Md., is this year's Alumni Star from the School of Nursing. Crump is a deputy chief in the Division of Community and Migrant Health with the U.S. Public Health Service. His responsibilities include developing, implementing and evaluating public-health promotion and primary-care programs for the Bureau of Primary Health Care.

- The School of Pharmacy will honor 1978 bachelor of science graduate John O. Beckner. The Richmond resident has served as director of pharmacy for Ukrop's Super Markets Inc. since 1994, following 15 years of pharmacy appointments with companies throughout the Greater Richmond area. Beckner also is president-elect this year of the Virginia Pharmacists Association.

- Catherine E. Nash of Richmond will be recognized by the School of Social Work. Nash earned her master's of social work degree from VCU in 1985. Since 1990, she has served as administrative law judge on the Medical Assistance Appeals Panel of the Virginia Department of Medical Assistance Services. Her responsibilities include reviewing decisions of Medicaid hearing officers, including researching federal and state statutes, regulations and policies.

Program Recognizes Contributions of Psychology at VCU

by *Kyra Scarton Newman*
editor

When the director of the National Institute for Drug Abuse took the podium at Virginia Commonwealth University, he didn't begin talking about what the university *could* do to help fight substance abuse.

Instead, Alan Leshner talked about what VCU is doing. In fact, with \$9 million in grant funding, VCU is the third-largest holder of NIDA funding in the country. The university also holds the first and longest NIDA-funded study in the institute's history.

"VCU is a major researcher,"

Leshner said. The NIDA director noted four VCU faculty members who are advancing the study of substance abuse: Robert Balster, William F. Dewey, Lew Harris and Billy Martin.

Leshner came to VCU as part of the universitywide "Celebrating Psychology" program. Events during the day explored current issues in the field, while the university also recognized the national leadership of two faculty trained in psychology.

The NIDA director participated in a session that focused on "Psychology and the Public Trust." He was joined



Leshner

by Timothy Kelly, commissioner of the Virginia Department of Mental Health, Mental Retardation and Substance Abuse Services.

In his comments, Leshner noted that work in the behavioral sciences has spawned a revolution in the study of drug abuse and addiction. In the past, most research focused on biological issues, but today the problem is probed also from the social and behavioral views.

"We're going to have to take a far more comprehensive approach than we have in the past, and take far more strategies," he said. "If we are to understand the problem, we're going to have to understand that behavior and biology are no longer separate functions."

For the future, psychology offers a window through which to study individuals and their addiction-causing behaviors. "Psychology runs through every other discipline," Leshner said.

The behavioral sciences play a critical role in treatment, where prevention and treatment provide the most cost-effective ways to eliminating the nation's drug problems, he said.

At the same time, Leshner is encouraging researchers to take a fresh look at the problem. He noted that scientists have identified 70 major risk factors that can contribute to drug abuse and addiction. He wants to see a focus that explores why individuals at high risk



President Dr. Eugene P. Trani, center, recognized VCU faculty members Robert Balster and Robert Resnick for their national leadership roles in advancing the mission of psychology today.

"don't take drugs," he said.

An earlier program explored "Psychology in the Post-Modern World." The session featured Daniel P. McAdams, Charles Deering McCormick Professor of Human Development and Psychology at Northwestern University, and Thomas H. Leahey, VCU professor of psychology.

The program was hosted by the

Office of the President and the Department of Psychology.

"The day's events allowed psychologists throughout the organization to see how connected we are and to find opportunities to work together," said Steven R. Robbins, chair of the Department of Psychology. "The institution should be proud of the distinction and leadership our faculty bring to this field."

People in the News

- **Phil Anderson**, assistant professor of pathology, recently received one of three major grants awarded by the American Association of Clinical Chemistry for studying the impact of clinical laboratory testing on clinical outcomes. Anderson, who is also associate director of clinical chemistry at the Medical College of Virginia Hospitals, will study "The Costs and Effectiveness of a Rapid Diagnostic and Treatment Protocol for Myocardial Infraction."

- Associate Professor of Social Work **Kia Bentley** recently presented two workshops: "Self-Advocacy: Guidelines for Taking Action and Getting Results" at the sixth annual Conference of the Virginia Mental Health Consumers Association in Williamsburg and "Partnerships in Problem-Solving: Making Sense of the Helping Role" to a group of mental-health consumers and providers in Charlottesville. That workshop was jointly sponsored by Region 10 Community Service Board and "On Our Own," a consumer-run drop-in center.

- Junior **John Campbell** placed first in the college strings category at the recent Virginia American String Teachers Association. As a state winner, Campbell will receive a cash award and an opportunity to perform at the Kennedy Center in Washington, D.C., on Feb. 3.

- VCU junior **Adhuna Chhabra** was selected as a research presenter for the Student Scholastic Showcase, Golden Key National Honor Society's international academic program, held at the Golden Key International Convention in Washington, D.C., in August. Adhuna's research presentation was "The Discovery of Saintopin: An Anti-Cancer Drug."

- Professor of Social Work **King Davis** recently presented a workshop on "Clinical Social Workers as Change Agents" at the Virginia Society of Clinical Social Work's conference in Virginia Beach.

- **Maurice Fisher**, an alumnus and adjunct faculty member in the School of Social Work, will present his doctoral dissertation "The Effectiveness Study of Two Group Therapy Models with Substance Abusing Mentally Ill (Multi-Challenged) Consumers" at the eighth national Symposium on Doctoral Research in Social Work in Ohio next month.

- Human Resources Executive Director **Linda Harber** has been elected chair-elect of the Southern Region of the College of University Personnel Association. She serves on the group's national and regional boards of directors.

- **Buie Harwood**, professor and coordinator of the graduate program in interior design, made a presentation this summer at NEOCON, the interna-

tional contract design show. This was her second presentation on the development of an international apprenticeship program for entry-level interior designers called the Interior Design Experience Program.

- **JoAnne K. Henry**, associate professor of maternal-child nursing, has received the Association of Women's Health, Obstetrics and Neo-Natal Nurses District IV Excellence in Teaching Award. The award was presented at a Washington, D.C., conference.

- **Shyla M. Ipsen**, coordinator of services for students with disabilities, delivered the commencement address at the Virginia Correctional Center for Women. Fifty-six women were awarded diplomas, certificates or bachelor's degrees.

- The Association of Women's Health, Obstetrics and Neo-Natal Nurses has awarded its Distinguished Professional Service Award to **Judith A. Lewis**, associate professor and chair of the Maternal-Child Nursing Department. The award was presented at the group's annual meeting.

- **Dan L. Ream**, associate professor and head of instruction and outreach services at Cabell Library, has been nominated for president of the Virginia Library Association.

- **Florence Z. Segal**, a part-time professor and administrator in the

School of Social Work, has been appointed as director of academic planning in Office of the Provost. Segal's major responsibility will be supporting implementation of the Strategic Plan and the evaluation of the plan during this third year of implementation.

Segal also serves as special assistant to the dean of the School of Social Work, and she is liaison to the Virginia Institute for Social Services Training Activities, a grant-funded program of the school.

- The American Society of Health-System Pharmacists has named **Ralph E. Small**, professor of pharmacy and pharmaceuticals, as a fellow.

- VCU was well represented at the recent fall 1995 combined American Society of Clinical Pathologists and College of American Pathologists Meeting in New Orleans. **Paul Wakely**, **Marcella Fierro**, **Jack Frable**, **Mike Kornstein** and **Greg Miller**, all members of the Department of Pathology faculty, directed or participated in 10 workshops at this national meeting of pathologists, clinical laboratory scientists and medical technologists.

- Student Affairs' **Juliana Turner** is serving as the loaned executive/professional development associate from VCU for the 1995 Combined Virginia Campaign.

Project Creates Home Checklist to Promote Child Safety

by Erin Crummette
University News Services

Last year, more than 5 million children were injured in their homes, and of these, children under the age of 5 were most likely to die as a result of these injuries.

To reduce such injuries in Virginia, the commonwealth's Head Start Injury Prevention Subcommittee has created a home-safety checklist and is training Head Start's home visitors to conduct home-safety inspections.

"Parents want to protect their children from danger, especially dangers found in the home," according to Jeanne Sanders, coordinator of Virginia Commonwealth University's Childhood Injury Prevention Program and chair of the Virginia Head Start Injury Prevention Subcommittee.

"This project will help Head Start families by providing the information they need to make homes safer for children," she added. "The safety checklist and safety inspections will help us reach about 80 families with valuable information."

The 57-item checklist will be used by the seven home visitors assigned to Richmond City and Middlesex County families with Head Start children ages 3 to 5. In addition to conducting home safety inspections and providing

safety-education literature, the Home Visitors will install safety items, such as electrical-outlet protectors and smoke detectors, when necessary.

"The safety checklist targets potentially dangerous areas in the home, such as the kitchen, bedroom and bathroom, as well as play areas inside and outside the home," Sanders explained.

"We expect this project to reduce the risk of injury to children who participate in home-based Head Start programs. After three months, the home visitors will make follow-up visits to see if our suggestions have been implemented."

The one-year pilot project to improve home safety is funded in part by the Virginia Department of Health. Sanders hopes that after the pilot project is completed, additional funding will be provided to allow the program to expand to the entire state.

The project will provide safety items to families who need them through support from the Commonwealth of Virginia Safety Council, HUMCO, Lowes, Mr. BabyGuard, the National Association of State Fire Marshals, the Virginia Chapter of the American Society of Safety Engineers, the Virginia State Fire Marshal's Office, Virginia Power, Virginia SAFE KIDS and Wal-Mart.

Home-Safety Checklist

1. Are household cleaning products, medicines, vitamins, alcohol, perfumes and other harmful substances kept in their original containers and stored away from children in a cabinet with a safety latch or lock?
2. Does an adult always stay in the room to supervise children pre-school age and younger while bathing?
3. Is the hot water heater adjusted to 120 degrees Fahrenheit or less to prevent tap-water scalds?
4. Are rifles and other guns stored unloaded in a locked cabinet? Is ammunition stored separately in a locked container?
5. Does playground equipment have an appropriate amount of surfacing material beneath and around it? (Appropriate surfacing materials include sand, mulch and smooth gravel.)
6. Are pools and other bodies of water on the property or in the neighborhood protected from use by unsupervised children?
7. Are working smoke detectors properly placed throughout the home?
8. Are 911, the local emergency medical services and poison center numbers posted near the telephone?
9. Are children under the age of 4 always buckled in a U.S. Department of Transportation-approved safety seat when riding in a car?
10. Do children wear approved bicycle helmets when riding bikes? (Helmets should meet the standards of the American National Standards Institute, the American Society for Testing and Materials or the Snell Memorial Foundation. Such helmets will be labeled on the outside or inside as either ANSI, ASTM or SNELL approved.)

(Excerpted from the Home Safety Checklist, developed by the Virginia Head Start Injury Prevention Subcommittee.)

VCU Seeks Alumni Support during Annual Giving Drive

by Christin Jones
Development

Students, alumni, faculty and staff volunteers once again are calling on alumni to support Virginia Commonwealth University.

The 1995-96 Annual Giving Phonathon effort is underway, and participants expect to exceed the \$115,000 in pledges raised during last year's effort.

"This year's volunteer phonathon really has started off well," said Robert J. Fagg Jr, director of annual giving at VCU.

"After 10 nights of calling, the volunteers have raised more than \$84,000 in pledges," he said. "At this time last year, alumni had pledged \$72,000. The volunteers are doing a fine job, and I expect we will have an outstanding finish."

The volunteer phonathon effort

began Sept. 25. Volunteer callers from each participating school are contacting alumni to raise funds for the individual schools. Each school receives additional support from volunteer student teams from the Kappa Sigma fraternity and the Alpha Sigma Alpha, Alpha Gamma Delta and Phi Mu sororities. These student teams help to ensure each participating school has a full contingent of volunteer callers on each of the 20 nights of calling.

"It is important that we reach the maximum number of alumni, because their contributions are critically important to the schools and the university," Fagg said. "The university is a state-supported institution, but only a portion of its annual budget is provided by the commonwealth. The funds that we are raising during this phonathon help to make up the difference by providing the deans of each school with the flexibility that they need to fund their highest-priority needs."

Although the phonathon is a fundraising effort, many callers enjoy having the opportunity to connect with former students, classmates and friends.

"Not only do alumni pledge gifts during the phonathon, but they also update us on some of their accomplishments," said David P. Cordle, chair of the Department of Music. "One of the reasons I look forward to the phonathon each year is because it gives me an opportunity to talk to so many of our alumni."

In addition to the volunteer

phonathon effort, Ruffalo Cody and Associates, the university's outside telemarketing firm, is attempting to reach 12,500 alumni. This second phase of the

annual-giving campaign is focused mostly on alumni who have never made a gift to VCU. It is expected to generate more than \$160,000 in pledges.

"Many of our schools have exceeded their goals for this year's effort," Fagg said.

"Our volunteer callers and friends at Ruffalo Cody are doing a great job, and our alumni are truly rising to the occasion," he continued. "We raised more than \$250,000 during our combined phonathon effort last year, and I am confident that we will surpass that this year."



Nilou Tamaddon, Kristine Kolenich and Tara Matesuchiema, all members of Alpha Gamma Delta, are helping with the Annual Giving Phonathon. The project continues through mid-November.

Photo by VCU Media Production Services

Workshop to Help Teach Critical Thinking about Ethics

Helping faculty understand the theory surrounding ethics and incorporating critical thinking about ethical issues into their curriculum will be the focus of a three-week workshop at Virginia Commonwealth University in May.

Supported by a \$115,600 grant from the National Endowment for the Humanities, the workshop is open to faculty on both campuses. Organizers are seeking a diverse group of participants to stimulate discussion on the key issue of ethics in every discipline.

"There are a lot of people already exploring ethics on both campuses," said Peter Vallentyne, chair of the Department of Philosophy and Religious Studies. He is the principal investigator on the NEH-funded project. "This program allows faculty to develop their

ability to use emotionally charged ethical issues that arise in class to help students see that one can reason systematically about them."

While Vallentyne can provide the theoretical framework for the workshop, his co-investigator, John Accordino, will help guide participants in applying and evaluating new information and instructional techniques into their own courses. Accordino is an associate professor in the Department of Urban Studies and Planning.

The workshop also comes as the university looks to implement changes under its new general-education plan for undergraduate students. Among the seven critical areas that the plan addresses is ethics, saying that students should demonstrate an understanding of the main concepts and theories of

ethics and the role they play both professionally and personally.

In some programs, separate courses already have been designed to address issues within that field. Introductory ethics courses are provided through the Philosophy and Religious Studies Department. And more and more professors are looking for ways to incorporate ethics into modules that address a single topic or two within a semester.

Vallentyne said the workshop will support all those initiatives. "We want to engage students in thinking about ethical issues," he said.

Accordino noted that ethical issues often provide lively debate in the classroom, and the workshop will guide faculty in structuring that discussion before they lose the students' passion

for the topic.

A philosophy faculty member will be assigned to each participant following the workshop to serve as a mentor and assist in implementing the teaching of ethics in their courses. The mentors also will observe classes to help participants refine their programs. Guest lecturers and other special programs also will be offered during the next academic year to support workshop participants.

The deadline for applying for the 1996 workshop, which is limited to 15 participants, is Nov. 15.

For more information or application materials, contact Vallentyne at 828-1224. The program also will be offered for 15 additional participants in May 1997.

— by Kyra Scarton Newman

BIOTECHNOLOGY PARK

continued from page 1

To mark the opening of the Virginia Biotechnology Center, a series of events for scientists, pharmaceutical representatives and the university community is scheduled for early spring. And though its first phase of completion is at least six months away, Biotech One, the second building under construction in the park, has begun to attract serious prospects.

Future tenants of the 100,000-square-foot Biotech One include VCU professors Ken Kendler and Lindon Eaves, who are preparing to lease 15,000 square feet for their planned psychiatric behavioral and genetics institute. Construction for Biotech Three, a 135,000 square-foot structure to be leased to the Virginia Division of Forensic Science, will begin in mid-1996.

"In the past 45 days, more than 10 entities have signed on for the Virginia Biotechnology Center and others are beginning to inquire about Biotech One," Dewey said on a recent tour of the park's Virginia Biotechnology Center at 8th and Leigh streets. "Several tenants in the biotechnology center are looking at Biotech One to provide the facilities they will need as their companies grow. The demand for space here is so great that we're even converting storage space into rental space.

"These tenants are coming from out of town, out of state and even out of the country, as in the case with Boehringer Ingelheim. They represent a variety of different-sized entities and disciplines," Dewey said.

Dewey, President Trani and Robert Olson, executive director of the Research Park, have traveled the globe marketing the benefits of a Virginia Biotechnology Research Park address. That it is within walking distance of a nationally ranked medical research center is a clear advantage, as more and more discoveries result from collaboration between commercial and academic scientists. The park's proximity to Washington, D.C., the center of research and medical regulatory agencies, also fuels interest in the park. Another bonus is that companies can locate in the park relatively soon, versus the long wait for space in some of the established research parks.

"Over the past three years, the Research Park has moved swiftly from concept to reality and has quickly become a part of Virginia's advanced-technology infrastructure," President Trani said. "This Biotechnology Research Park is targeted at companies needing high-quality research and development space and who want to be located near strong university scientific support. We can provide that, and they are working quickly to join us."

"The results we're seeing now are the outcome of an aggressive marketing and recruitment campaign,"

Olson said. "For example, Verify Medical visited Research Triangle Park and our park in the same week in August. They chose this location. One of the most compelling reasons for their decision was the wealth of knowledge and expertise in VCU's Department of Human Genetics."

Discussions with other prospective tenants have been held in Japan, Germany, Korea, China, Sweden, Norway, Italy, the United Kingdom and Switzerland, as well as every state in the United States that has biotech or pharmaceutical industries. Closer to home, the Research Park team has held numerous discussions with MCV campus faculty seeking research quarters in which they can commercialize their research.

Faculty have responded. The majority of companies moving into the park are either direct university spinouts or have significant research relationships with the university. They are:

• **Commonwealth Biotechnologies Inc.**, a chemical and pharmaceutical firm that provides biochemical analysis of DNA, peptides, proteins and enzymes, founded by VCU faculty Robert B. Harris, associate professor, Department of Biochemical and Molecular Biophysics, and Richard J. Freer, professor, Department of Biomedical Engineering.

• **eduSoft L.C.**, which develops and markets computer software for drug design, headed by VCU faculty Don Abraham, chair, and Glen Kellogg, instructor, Department of Medicinal Chemistry.

• **Hemodyne Inc.**, a company that researches and develops blood diagnostic devices, whose founders include Dr. Marcus Carr, associate professor of hematology and oncology, Department of Internal Medicine.

• **Immunotox Inc.**, provider of immunotoxicological assessments for the pharmaceutical, chemical and food industries, whose founders include Kimber White Jr., professor, Department of Pharmacology and Toxicology.

Companies moving into the park from other locations include:

• **Insmed Pharmaceuticals Inc.**, a company that develops diagnostic and therapeutic products for insulin resistance, formerly of Charlottesville, now operating in interim Research Park laboratories.

• **Managed Care Resources Inc.**, which develops and provides disease-management services to the health-care industry, headquartered in Chesapeake.

• **Molecules for Health Inc.**, a Richmond company focused on the research and development of antioxidant drugs for use in treating cancer, AIDS and other diseases.

• **Paternity and Forensic Laboratory of Virginia**, a provider of genetic analyses for paternity evaluations and forensic evaluations, based in Richmond.

• **Verify Medical Inc.**, a provider of advanced DNA-identification services, which has relocated from New York.

Back in the Virginia Biotechnology Center, Dewey ushers a group of visitors into the building. Redolent with spackling compound and floor-tile

"Over the past three years, the Research Park has moved swiftly from concept to reality and has quickly become a part of Virginia's advanced-technology infrastructure."

adhesive, the 27,000 square-foot building looks and smells nearly complete. Dewey, who's been involved in Research Park planning for the last six years, beams as he shows off the room soon to become the library. Wired with fiber optics, the electronic library will give tenants

full access to research literature through the Internet.

Room by room, as visitors pass through the halls, temporary signs posted on doors identify the building's first occupants. Large companies, small companies and those in between will bring a diverse mix that bodes well for the park and its tenants. "The large, established pharmaceutical companies have strong capital positions and marketing outlets, and they are in constant search for new technologies to acquire. The small research and development companies are rich with ideas, but typically lack the capital to bring them through the development and approval processes," Dewey said.

Dewey envisions both strategic alliances and informal relationships created by the synergy of the tenant mix. Even the break room will be furnished with a single, long table, instead of several smaller ones, to facilitate exchange between tenants.

Research Park construction has been managed by Laveer Development Corp. The buildings were designed by architects Baskerville & Son and Kelso & Easter, who created structures that feature the best of modern efficiency and traditional elements. The building's interior is light and airy, a result of windows that sweep the exterior and the Scandinavian-inspired light wood paneling featured in many rooms. The buildings' exterior, finished in brick and cast stone, borrows traditional details, such as an Italianate roof line, that fit well in downtown Richmond.

Corporate Leaders Explore International Challenges

Business School Sponsors Second Forum

by Brian Matt
University News Services

As global relationships continue to redefine the international-business climate, four companies with operations in Virginia are finding that they, too, must adapt their products and services to remain competitive. Executives from those four companies participated in the second annual International Forum, hosted by Virginia Commonwealth University's School of Business this month.

Focusing on managing change in a volatile world, the forum addressed "Financial Crisis in Mexico, Trade Wars with

Japan, Chaos in Russia, Instability in China, Protectionism in Europe: Managing Transitions in the International Business Environment." The discussion was moderated by Van R. Wood, Philip Morris Chair in International Business.

The panelists drew from their unique backgrounds in looking at issues that are shaping international business opportunities.

For instance, chairman Thomas W. McCandlish spoke about the efforts of his law firm, Mezzullo & McCandlish, to become one of only 12 U.S. firms to open an office in mainland China. First and foremost, the firm discovered the differences in legal perspectives between the two nations.

"The legal framework that you're going to deal with in a place like China

is going to take into account a lot of local culture," he said. Intellectual property protection and trademark infringement are big issues for any business going into an emerging market like China, McCandlish added. "But, the size and attractiveness of the market in China makes it worthwhile to undertake that effort."

Politics also play an important role for companies wishing to do business in other countries.

In China, that means a movement toward a market economy. "But still, many of the factors are really more politically driven than they are market driven,"

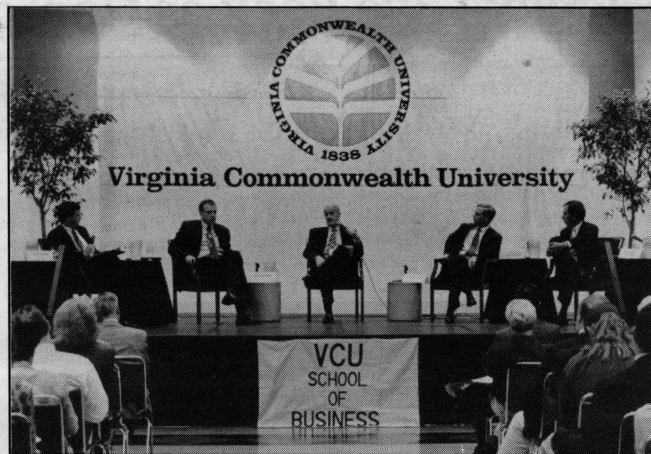
McCandlish said. "You may be

dealing with a state-owned company where there are no shareholders. So you have to deal with a variety of different motivations, many of which are much more politically tinged than they are in direct markets."

Given opportunities emerging around the world, corporate executives are jockeying to make the best investments for their companies' future, particularly as new cultures and governments take shape. "Clearly, there is risk," said Richard A. Alston, a consultant and former vice president of international business development for Bell Atlantic International Inc. "And the risk varies from market to market."

Alston noted that Bell Atlantic holds a large cellular telephone operation in Mexico. With the recent devaluation of

Given opportunities emerging around the world, corporate executives are jockeying to make the best investments for their companies' future.



VCU's Van Wood moderated a School of Business forum that featured Hans Karras, president of Wella Manufacturing of Virginia; James Aitken, executive vice president of Reynolds International; Thomas McCandlish, chairman of Mezzullo & McCandlish; and Richard Alston, consultant and former Bell Atlantic International executive.

the peso, that became a poor investment in the short term, he said. On the other hand, the company invested in New Zealand's national telephone company several years ago. "At the time, we were speculating that there might be some currency exchange rates that would prove beneficial to us, and in fact that did happen," he added. "So, obviously it can work both ways."

Diversification of products and services can help companies in approaching international markets, and targeted distribution and market research is critical. Hans Karras, president of Wella Manufacturing of Virginia, noted that his company is selling its products in 140 countries. In one country, he said, streetside vendors sell Wella products from a basket, while sophisticated salons in Japan offer the beauty products.

"We have a great variety of products that go to every country worldwide, but we do specify — we have special hair-care products for the Asian and Latino

markets," Karras added. "But it's also a fashion trend — what's up-to-date now. For instance, with hair color we come up with new shades twice a year. Here in our Richmond facility, we are producing 250 different color shades."

Despite the challenges presented, the panelists agreed that expansion in an international market allows companies a new avenue for growth. "Here in the states, we have single-digit growth for aluminum cans, but China and Russia have double-digit growth," said James R. Aitken, executive vice president of Reynolds International Inc. "And that growth could be somewhere in the 20s, not just 11 or 12 percent."

Aitken remarked that in Latin America five years ago, Reynolds sold no cans. Today, it sells 2 1/2 billion cans, and by the year 2000, it will sell 8 billion. "Here in the states we're selling maybe 25-30 billion cans, but that has taken us 20 years. Latin America is going to get there in five years," he said.

University CVC Organizers Continue to Tally Pledges

by Kyra Scarton Neuman
editor

As the university's 1995 Combined Virginia Campaign entered its final two weeks in mid-October, pledges from Virginia Commonwealth University employees had moved the university about three-fourths of the way toward its goal this year.

University campaign coordinators are continuing to accept and tally employee pledges through the end of this month, as VCU moves closer to its 1995 goal of \$253,000. Overall, Virginia leaders are seeking to generate \$2.4 million in employee contributions to the statewide campaign, and VCU employees have long played a leadership role with their CVC support.

The university has planned a Nov. 2 celebration of its CVC effort. Campaign organizers and supporters from both campuses are scheduled to be joined at the Larrick Center program by statewide CVC leaders, including Bill Leighty, chair of the 1995 CVC Capital Region and director of the Virginia Retirement System.

One goal of the 1995 campaign at VCU is to achieve a 100 percent return of all pledge cards. At the campaign's midway point, about 135 departments or units across both campuses had reached that level.

Among the success stories is the Advancement

Division, which was among the first university units to generate 100 percent pledge-card return with its employees. The division also achieved full participation and exceeded targeted goals by \$1,600.

"I was just elated when I attended the Advancement victory celebration," said Edwin Blanks, associate provost for academic affairs. He is assisting VCU's CVC chair this year, Grace E. Harris, provost and vice president for academic affairs.

"That division personifies scores of departments and units across both campuses," he added. "The compassion those employees demonstrated in coming to the aid of those less fortunate in our communities is shared by employees throughout our university. I'm encouraged as we see more and more support for the CVC and its agencies as we enter the closing days of this year's campaign."

The 1995 campaign is aimed at "Harvesting Hope," reflecting the functional mission of the CVC throughout the year for thousands of citizens who benefit from charitable contributions.

More than 250 agencies and programs — offering a range of services from shelter and clothing for the homeless to medical care for those less fortunate —

in the Richmond/Southside Virginia region will benefit from contributions to the Combined Virginia Campaign. University officials are encouraging employees to consider committing one hour's pay per month to the CVC effort.

University campaign organizers also have continued weekly prize drawings. VCU and local businesses have donated prizes, and employees participating in payroll deduction are eligible.

Winners for Oct. 9 were: Marybeth Credle, ICU-Surgery, dinner for two at the Richmond Marriott; Thomas W. Haas, School of Engineering, gift basket from Taylor Made for You; Thomas T. Wan, Health Administration, four tickets to the Richmond Symphony; and Melodie Fearnow,

Psychology, gift certificate to The Tobacco Company.

Winners for Oct. 16 were: William F. Wasilewski, Pastoral Care, dinner for two at Tripps/Rock-Ola Cafe; Louveller M. Luster, University Library Services, gift certificate to Blue Point Seafood Restaurant; Duncan S. Owen, Internal Medicine, brunch for two at The Jefferson Hotel; and Patricia Ann Brown, Heart Stat-Gen EKG, gift certificate to the MCV Bookstore.



Faculty Give Back as Community Service Associates

Thirteen faculty members are applying their unique talents in helping community agencies as part of the Community Service Associates program this semester.

Launched in 1990 by President Dr. Eugene P. Trani, the program allows faculty to bring their expertise to work on community projects, problems or issues faced by public, private and non-profit organizations. These groups might not otherwise have the human or financial resources to address those projects.

"In return for their service, faculty associates gain valuable insight into critical issues that face our city, state and nation," said Cathy Howard, director of community programs. "This real-world experience and perspective is passed on to the associates' colleagues and students through enhanced teaching and research."

During the past five years, more than 120 faculty members from more than 35 departments across both VCU campuses have participated in the Community Service Associates program.

Applications are now available for faculty interested in participating in the program during the spring or summer 1996 terms. For more information, contact Sue Munro in the Office of Community Programs at 828-1831. The application deadline is Nov. 15.

15 Faculty Participating in Fall Semester Projects

This semester's Community Service Associates and their projects are:

- A. Omar Abubaker, School of Dentistry. He is working with the Richmond Public Schools to design and present an awareness campaign for children ages 8-14. The project focuses on the use of precautions and safety procedures during sport activities.

- Anne Chandler and Richard Luck, Department of Rehabilitation Counseling. Chandler and Luck are helping St. Joseph's Villa select a cognitive/intelligence assessment strategy for people with severe disabilities. They will train the staff in its administration and monitor the process.

- Judy Chartrand, Department of Psychology. Chartrand is aiding the Virginia Correctional Center for Women on a project to conduct an evaluation of career and life planning. She also is developing a broad vocational plan for women transitioning into the community and complete work on the development of a human-service site for field-work students.

- Mary Clement, Department of Criminal Justice. Clement's project

with the Richmond Community of Corrections Resources Board is to research and develop community-based programs for the Female Offenders Coalition.

- Marianne Duprey, School of Mass Communications. She is researching and writing new materials for broadcast via satellite from the Science Museum of Virginia.

- Paul Gerber, School of Education. Assisting the Literacy Council of Metro Richmond, Gerber is devising and implementing a case-management system designed to deliver services to adult literacy students with learning disabilities.

- Carmen R. Gillespie, Department of English. Developing and conducting a conference on African-American feminism is the focus of a project with the Coalition of 100 Black Women.

- Njeri Jackson, Department of Political Science and Public Administration. With the Science Museum of Virginia, she is evaluating a "Science after School" program held at Fairfield Court Elementary School.

- Rosemary Lambie, School of Education. She is serving as an organizational consultant to Seven Oaks

Pathwork Center as it restructures management and leadership processes.

- Richard Luck, Department of Rehabilitation Counseling. Luck is aiding St. Joseph's Villa to select a cognitive/intelligence assessment strategy for people with severe disabilities, train staff in its administration and monitor the process.

- Laura Moriarty, Department of Criminal Justice. Moriarty is working with the Department of Corrections in evaluating the effectiveness of the prison program "Breaking Barriers."

- Donald Oswald, Department of Psychiatry. Oswald is developing a survey designed to gather information for the Commonwealth Institute for Child and Family Studies to use in determining how families of children with emotional and behavior disorders experience services for their children.

- Cheryl Pallant, Department of English. Pallant is working with Augusta Medical Center officials to design, implement and pilot an innovative arts model for low-functioning patients with mental illness living in a non-profit community hospital.

President Reports SCHEV Plans to University Council

by Kyra Scarton Newman
editor

Virginia Commonwealth University has gathered some promising endorsements from the State Council of Higher Education for Virginia for capital construction, faculty salaries and staffing needs. However, VCU President Dr. Eugene P. Trani cautioned members of the University Council that those plans still must meet with the approval of Virginia legislators.

If the General Assembly agrees, Virginia colleges and universities collectively would benefit from \$1 billion in general fund capital-construction projects, Dr. Trani said. That funding would support projects from 1996 through 2002.

VCU alone would gain \$62.9 million for capital construction. Those projects would include construction of a new life-sciences building; renovations of Sanger Hall; construction of a "clean room" micro-electronics laboratory in the new School of Engineering; and a parking deck on the southwest border of the academic campus. That funding also would support implementation of VCU's information-technology plan; and renovations of "D" parking deck on the Medical College of Virginia campus and several residence halls.

"We are drawing a lot of interest to increasing the support for higher education," Dr. Trani noted. "We've got some momentum going."

At the same time, a SCHEV report calls for a "renewed commitment to nationally competitive salaries" for Virginia's college and university professors. For each year of the upcoming budget biennium, the state council is recommending 5 percent increases for VCU faculty, bringing the average salary from \$54,000 to \$59,000.

SCHEV also has recommended that Virginia colleges and universities add 569 new positions over the

budget biennium. For VCU, that translates to 81.6 new positions, with \$5.2 million in funding. That number is roughly equal for faculty and staff positions.

In other news at the Oct. 12 University Council meeting:

- The Virginia Business Higher Education Council, an influential group of 37 industry executives and the university presidents, is continuing to lobby for increased funding for higher education. The business council has sent cards to all General Assembly candidates in the November election, asking them to pledge support for substantial increases for education funding. About 70 percent

of the cards have been returned, with about 85 percent of the responses favorable, Dr. Trani noted.

- The university has identified six key areas where it will seek General Assembly support during the 1996 legislative session.

VCU is seeking \$1.4 million for its School of Engineering, to complete a roughly \$2 million commitment from the state for start-up of the new academic program. The university also will lobby for support of funding for the school's "clean room," as included in the state's incentive package to attract Motorola to the region.

The university is seeking a second \$250,000 installment to hire faculty to reduce the ratio to students in the School of Dentistry. VCU is requesting \$250,000 for each of the next two years to assist the School of Pharmacy in the transition of its undergraduate programs to the Pharm.D. degree.

With the University of Virginia, VCU is seeking

substantial funding for each of the next two years to enhance undergraduate medical education. VCU also is looking at legislative changes that will position MCV Hospitals for the future.

- The proposed Promotion and Tenure Policies and Procedures document has been presented to faculty for their review and comments. Provost Grace E. Harris is encouraging discussion at the department

and school levels. Public meetings will be held on both campuses Dec. 7.

- To position the geography program in an emerging global society, the council endorsed the transfer of the program to the Department of Urban Studies and Planning. The

move will enable the program to thrive in an area where it can capitalize on its strengths, according to David Hiley, dean of the College of Humanities and Sciences.

The change must be approved by the university's board of visitors.

- As the health-care marketplace places more attention on accountability and cost-efficiency in treatment, the School of Medicine is looking to create a Division of Quality Health Care within its Department of Internal Medicine. The department's newly hired chair, Dr. Richard Wenzel, is an expert in the field.

If approved by the board of visitors, this program would be the first implemented in a U.S. academic medical center, according to Dr. John E. Jones, vice president for health sciences. "This is the kind of issue that must be taught to students," he said. "There are dramatic changes taking place" in the health-care market.

"We are drawing a lot of interest to increasing the support for higher education. We've got some momentum going."

Gallery Project Links Sculpture, African Musical Traditions

by Loretta Cooper
Anderson Gallery

Arts America, a program of the United States Information Agency, has awarded the Anderson Gallery a \$101,033 grant to develop an exhibition of the work of contemporary New York sculptor and musician Terry Adkins.

The exhibition will become an agency-sponsored tour that will travel to 11 cities in sub-Saharan Africa and other parts of the world between May 1996 and May 1998. The Virginia Commonwealth University gallery has been working on the exhibition's development since June. This project is among the largest arts-programming grants VCU has received.

Titled "Assembly," the exhibition will explore Adkins' recent work. Blending a late 20th-century approach to sculpture with an understanding of African musical instruments and traditions, Adkins creates visually unique pieces that cross conventional boundaries of each discipline. "He reinterprets the works of other cultures, creating complex interdisciplinary compositions that unite vision and sound," said Steven High, director of the Anderson Gallery.

Adkins is an accomplished musician with a deep

interest in the history of African instruments. His sculptures connect this interest in early-African musical forms with minimalism and the "non-artistic" materials of *arte povera*, an Italian art movement of the 1960s. Adkins' work currently is in a solo exhibition at the Whitney Museum at Philip Morris in New York.

The exhibit being developed by the Anderson Gallery will consist of between 10 and 15 works created during the past three years and one or more temporary works created on site. The artist will travel to each country and be in residence for two weeks. During this time, Adkins plans to work with local materials to develop site-specific sculptures.

In conjunction with the exhibit, an 80-page catalog will be published that includes an essay by High. The installations and performances also will be videotaped. In the fall/winter of 1997-98, the Anderson Gallery will present a show that captures the exhibition and its African tour.

The USIA is an independent foreign affairs agency that supports U.S. foreign policy abroad. The agency promotes mutual understanding between the United States and other countries through a series of educational and cultural exchange activities conducted by



The Anderson Gallery is developing an international touring exhibition of the works of Terry Adkins. The project also includes site-specific installations.

its Bureau of Educational and Cultural Affairs. The Arts America program, part of that bureau, showcases U.S. creative arts by sponsoring tours of visual arts exhibitions, performing arts groups and American cultural specialists. Arts America also funds arts-exchange projects and coordinates official U.S. participation in major international exhibitions.

Alumni Showcased in International Tour on Campus Stop

by Chris Shtogren
University News Services

After an international tour through the Middle East and North America for the past three years, the narrative jewelry of alumni, Betsy King, Robin Kranitzky and David Williamson and Roberta Williamson, is coming home to Virginia Commonwealth University, where the artists mastered their craft.

Featured in the exhibit "Brilliant Stories: American Narrative Jewelry," the artists draw from an eclectic mix of materials — found objects, precious gems, broken glass, metals — and transform them into wearable art that tells absorbing, thought-provoking and often intimate stories.

"Narrative jewelry tells a story in images and symbols, rather than pure design, so that the viewer unravels the narrative," David Williamson said. "There is some mystery to it."

His pieces deal with his mother's death. "Mother's Day," a brooch created after her death, incorporates

found objects — a lapel pin that says Mother's Day with a picture of a Victorian woman — with a fond message he inscribed on a miniature silver page. "It was the first Mother's Day in memory that I had not made a present for my mother," he said. "It helped to work through the emotions."

Many of the pieces featured in the current exhibit at the Anderson Gallery are personal narratives. "The artists have used diverse materials to create extraordinary personal anecdotes," said Steven High, gallery director. "The fact that four of the 25 artists in this inter-

national touring exhibit are VCU graduates demonstrates the high quality of alumni that graduate from our outstanding School of the Arts program."

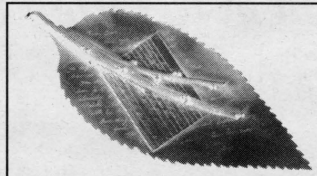
Roberta Williamson, David's wife, creates images of family love on sterling-silver leaves, a motif that links her work. "When we were young, we lived in a basement apartment in an old Chicago neighborhood. We were surrounded by asphalt — totally without trees or grass," she said. "When we moved to the suburbs, I was astounded to find that green leaves were everywhere."

She celebrates her love for her daughter in two brooches, "Leaves for Lauren." Miniature sterling-silver symbols of childhood — pencils, Lifesavers, hearts, leaves — are soldered onto a leaf's surface and inscribed with the word "iris." "This beautiful image from my childhood — a bed of irises bathed in sunshine — is my wish that my daughter's life will be filled with such beauty as well," she said.

The couple, who received their masters of fine arts degrees in 1976, live in Berea, Ohio, where David is a narrative jewelry-maker and a professor at Baldwin-Wallace College and Roberta is a full-time studio jeweler. In November, Roberta will be honored as the School of the Arts' Alumni Star during VCU's 1995 Founders Day celebration.



"Caught in a Trap" by Betsy King



"Secret Love" by Roberta Williamson.

Richmond artist Kranitzky, who earned her bachelor's degree in fine arts in 1979, collaborates with narrative jeweler Kim Overstreet to create sculpture-to-wear from their collection of raw materials — metals, plastics, old watches, charms — "anything that looks interesting. The selection is limitless," Kranitzky said. They work on each piece together. "Our work represents two very distinct personalities and different backgrounds."

In describing "Someone, Somewhere" — a brooch made of silver, brass, copper, Micarta, polymer clay,

acrylic and found objects — Kranitzky called it "the remaining torn edge of a note that would have traveled to an unknown destiny. It suggests that someone is feeling desperate and lonely. The message is that we all have a basic need to be heard."

Like her colleagues in "Brilliant Stories," King, who received her bachelor of fine arts degree in 1975, weaves a spectrum of materials into her work. She combines found objects, photographs, memorabilia, gems, acrylic sheet, metals and old postcards and transforms them into social, personal and environmental stories. "My art is often inspired by a photograph on an old postcard," said King, now living in Ocean City, N.J. "I build the piece from the photograph."

Relationship problems were the inspiration for "Caught in a Trap," a mixed-metal brooch, while entrapment in seemingly inescapable or unresolvable situations is a recurrent theme. "I found this old photograph of an innocent, little girl," she said, "and crisscrossed it with barbed wire and pieces of broken glass to create the sense of inescapable confinement."

"Brilliant Stories: American Narrative Jewelry" will continue at the Anderson Gallery until Dec. 23.

Interpreting Work

Two VCU narrative jewelers, Roberta Williamson and Robin Kranitzky, will be participating in the Anderson Gallery's "Sundays at Two" program.

On Nov. 4, Williamson will lecture on how the artists tell their stories through their narrative art, and on Dec. 2, collaborators Kranitzky and Overstreet will be on hand to explain their work. Both programs begin at 2 p.m.

Calendar of Events

Oct. 31

- University Computing Services will offer "Microsoft Excel" at 9 a.m. in Cabell B-30. To register, call 828-6650.
- The Brown-Bag Lunch Series continues with "Multimedia on the World-Wide Web" at noon in the Forum Room of the University Student Commons. The program is sponsored by University Library Services, the Multimedia Development Center and University Computing Services.
- University Computing Services will offer "Electronic Mail" at 1 p.m. in Cabell B-30. To register, call 828-6650.

Nov. 1

- VCU Men's Soccer hosts the University of Maryland-Eastern Shore at 7 p.m. on Cary Street Field.
- VCU Volleyball hosts James Madison at 7 p.m. in the Franklin Street Gym.

Nov. 2-5

- VCU Women's Soccer will compete in the Colonial Athletic Association tournament in Harrisonburg, Va.

Nov. 2

- University Computing Services will offer "Windows — Level 2" at 9 a.m. in Cabell B-30. To register, call 828-6650.
- University Counseling Services will sponsor a workshop on "Increase Memory and Concentration" at 3:30 p.m. in the Forum Room of the University Student Commons.

Nov. 3

- VCU Volleyball will host George Mason at 7 p.m. in the Franklin Street Gym.

Nov. 3-5

- VCU Field Hockey will host the CAA tournament on Cary Street Field.

Nov. 4

- Jeweler Roberta Williamson, whose works are included in "Brilliant Stories: American Narrative Jewelry," will discuss her art form. She will speak at 2 p.m. in the Anderson Gallery.
- The VCU Men's Basketball team will play its "Black and Gold Game" at 7 p.m. in the Franklin Street Gym.
- VCU Volleyball will host American at 2 p.m. in the Franklin Street Gym.

Nov. 5

- Artist Barbara MacCallum will probe the relationship between the creative process of the scientist and that of the artist. She will speak at 2 p.m. in the Anderson Gallery.
- VCU Men's Soccer will host Howard at 6 p.m. on Cary Street Field.

Nov. 7

- The Brown-Bag Lunch Series will offer "Locating Internet Resources" at noon in the Forum Room of the University Student Commons. The event is hosted by University Library Services, the Multimedia Development Center and University Computing Services.

Nov. 8

- University Computing Services will offer "Microsoft Word — Level 1" at 1:30 p.m. in Cabell B-30. To register, call 828-6650.
- Walter Bell and the Latin Jazz Ensemble will play at the VCU Coffeehouse at 6 p.m. in the Common Ground.

Nov. 9

- The School of Social Work's Wurtzel Lecture Series hosts Gerard Hogarty, a social worker and professor at the University of Pittsburgh. He will speak on "Approaches to the Treatment of Schizophrenia: Evolution of Practice Theory" at 1 p.m. in the University Student Commons' Capital Ballroom.

VCU to Host Dance Company

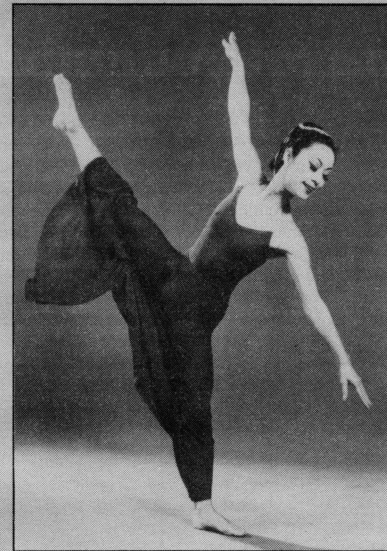
The Virginia Commonwealth University Department of Dance and Choreography will present "Radical Graham," a performance by the Martha Graham Dance Company, at 8 p.m. Nov. 7 at the Carpenter Center.

Founded in 1926 by dancer and choreographer Graham, the company is the oldest and among the most-celebrated in America.

"Radical Graham" ran as part of the Brooklyn Academy's "Next Wave" festival last fall. Anna Kisselgoff wrote in her coverage in *The New York Times*: "So much of what passes for novelty in the arts today, from nonlinear narrative in film to minimalist structures or rich imagistic theater, can be traced through the works that Martha Graham choreographed for herself and her magnificent dancers over the decades."

The Nov. 7 program will include "Diversion of Angels," (1948) with music by Normal Dello Joio; "Cave of the Heart," (1946) with music by Samuel Barber, and "Appalachian Spring," (1944) with music by Aaron Copeland. The fourth piece on the program will be "Panorama" (1935). In September, Graham master teacher Susan Kikuchi came to Richmond to cast and set the piece for 33 Richmond-area dancers.

For ticket information, call the Carpenter Center Box Office at 782-2900.



Nov. 8-12

- VCU Men's Soccer will compete in the CAA tournament in Harrisonburg.

Nov. 8-18

- Theatre VCU will present "The Misanthrope," by Moliere. Kenneth Campbell directs the VCU production. Admission is free for VCU students, and general admission is \$6. For tickets, call 828-6026.

Nov. 10

- The Department of Music will

present Cuarteto Latinamericano at the second Mary Anne Rennolds Chamber Concert of the season at 8 p.m. in the VCU Performing Arts Center.

Nov. 11

- VCU Men's Basketball will host an exhibition against Stratyba-Lithuania at 7 p.m. in the Franklin Street Gym.

Nov. 12

- VCU Women's Basketball will host the Latvia TTT Basketball Club at 4 p.m. in the Franklin Street Gym.

Music Department to Offer Five Days of Jazz Immersion

Virginia Commonwealth University and the Richmond jazz community will be able to absorb more than 200 years of musical experience from three master musicians during their Nov. 4-8 campus visit.

Trumpeter Clark Terry, pianist Barry Harris and tenor saxophonist George Coleman will be featured in concerts, workshops and jam sessions during their mini-residency.

Their visit will culminate in a Nov. 8 concert at 7:30 p.m. in the Carpenter Center. That show will feature the three guest artists, the Jazz Masters (VCU's faculty jazz sextet) and the VCU Jazz Orchestra I, directed by Doug Richards. The concert is free and open to the public.

The three guest artists share a reputation for great technical virtuosity, impeccable musical taste and a unique style. They have each played with all of the "greats" of the past 50 years. "More importantly, though," said David Cordle, chair of the Department of Music, "these gentlemen share a deep commitment to education. They don't just pay lip service to 'passing the torch,' they do it."



Clark Terry will be among three musicians in a mini-residency at VCU.

Their campus events, which are open to the public, include:

- Nov. 4, 8 p.m., Barry Harris, George Coleman Duo concert, VCU Performing Arts Center, \$5 admission at the door.
- Nov. 5, 11 a.m., Barry Harris Jazz Piano Workshop, VCU Music Center Room 116.
- Nov. 5, 3 p.m., George Coleman Workshop, Music Center Room 116.
- Nov. 5, 8 p.m., Harris and Coleman Jam Session, Music Center Room 116.
- Nov. 6, 11 a.m., Barry Harris Jazz Piano Workshop, Music Center Room 116.
- Nov. 6, 3 p.m., George Coleman

Workshop, Music Center Room 116.

- Nov. 6, 8 p.m., Harris and Coleman Jam Session, Music Center Room 116.
- Nov. 7, 1 p.m., Terry, Harris and Coleman Workshop, Performing Arts Center.
- Nov. 7, 8 p.m., Terry, Coleman and Harris Jam Session, Performing Arts Center.
- Nov. 8, 11 a.m., Clark Terry Workshop, Performing Arts Center.