Women in Leadership series. In addition to her talk, Van Court chatted with Debbie Stendardi, vice president, government and community relations. "Charter Day is a milestone event for RIT. What better way to celebrate the day than to hear from a successful alumna and recognize the achievements of the Millsers and the Rose family?" The celebration will begin with a dramatic interpretation of Charter Day by Dwayne Gordon, professor emeritus of philosophy, and Larry Winnir, associate dean in the College of Liberal Arts.

The Athenaeum, RIT’s foreunner, was founded in 1829 and become a popular cultural center in Rochester. Athenaeum members applied for a New York State charter, which was granted on Feb. 12, 1830. This gave the Athenaeum credibility and set the stage for future growth. For information on the 175th Anniversary, visit www.rit.edu/175.

Bob Finnerty | refuns@rit.edu

**RIT celebrates Charter Day Feb. 11**

A biomedical diagnostic tool using microwave imaging technology, under development in the electrical engineering department in RIT’s Kate Gleason College of Engineering, promises enhanced diagnosis of tumors and soft-tissue diseases.

Utilizing high frequency, ultra-wide-band electromagnetic energy pulses, the new technique scatters electromagnetic waves to permit the analysis, quantification and visualization of characteristics of multiple layers of tissue. The technique provides information necessary for accurate differentiation between healthy and diseased tissue—which may suggest medical prognosis and treatment. The use of microwave frequencies promises to enhance the useful information content of 3-D images, says Layant.

Venkataraman, professor of electrical engineering and lead researcher, other imaging methods, such as magnetic resonance imaging (commonly known as MRI), ultrasound imaging, computer-aided tomography (or "CAT") scanning and X-ray imaging, are the current primary medical imaging diagnostic tools—however, they have limitations. Venkataraman says. For example, MRIs are expensive, nonportable and uncomfortable for patients. X-rays, effective in detecting the size and shape of tumors, and ultrasounds do not effectively depict organ and tissue composition.

The technology being developed at RIT will complement existing imaging methods enabling more accurate medical diagnoses, Venkataraman predicts. For example, comparisons of quantitatively obtained results at various stages will enhance the assessment of a patient’s condition by indicating changes in tissue composition resulting from medical treatment or disease progression. Additionally, patient discomfort levels can be minimized, particularly compared to MRIs and biopsies, since the new technique is noninvasive.

Microwave technology for medical applications has previously not been utilized to its full potential, she says. "We anticipate this technique will lead to improved patient care through early and better diagnoses of tumors and soft-tissue diseases," Venkataraman says. "Since the use of microwaves for medical imaging has previously been limited, this technique should complement, and in some ways exceed, existing technologies such as MRIs and X-Rays.

The RIT research involves a team of faculty and students in electromagnetics and microarrays, image and signal processing, and biomedical engineering. In addition to Venkataraman, others involved are electrical engineering faculty members Sohail Dianat, Daniel Phillips and Eli Saber; microsystems engineering doctoral students Marie Yoonoff and Runaakjet Mann; and four other graduate students. Partnership with biomedical companies are possible, and grants from the National Science Foundation and the National Institutes of Health are being sought, Venkataraman says.

Michael Gibb | mgibb@rit.edu

**Microwave medical-diagnostics technique studied**

Latest research would enhance early diagnosis of disease

Lisa Cauda will serve as RIT’s interim vice president for development and alumni relations, effective Feb. 15.

Cauda replaces Laurel Price Jones, who has accepted a position as vice president for advancement at The George Washington University.

Cauda has served as associate vice president for development for the past four years. Prior to that, she was assistant vice president and campaign director for a $12 million campaign at Stevens Institute of Technology in New Jersey. A graduate of Seton Hall University, Cauda earned her master’s degree in corporate and public communication.

"Lisa is looking forward to undertaking this new professional challenge," says RIT President Albert Simone. "I look forward to working with her, and ask you to join me in partnering with her as she carries out the significant mission of the Division of Development and Alumni Relations. Her primary assignment, of course, will be the completion of our $500 million Capital Campaign, which now stands at $220 million."

Simone added “The division clearly is much stronger now than it was before Laurel Price Jones started. I ask the RIT community to join me in wishing her good luck in her new professional challenge.

I know the president of The George Washington University, and I believe he and Laurel will make a good team in furthering the goals of that university.”

Bob Finnerty | refuns@rit.edu

**Cauda to lead development**

**Latest research would enhance early diagnosis of disease**
Two RIT artists explore earth and nature
Exhibit displays the beauty of the world around us

A study of nature and its beauty is the subject of two exhibitions opening at the NTID Dyer Arts Center.

"Exuberant Nature," featuring scan-o-grams and ink jet prints by Patti Russoiti runs through Feb. 22. Russoiti is associate professor in the School of Print Media at RIT’s College of Imaging Arts and Sciences. She is an artist, educator, curriculum developer and author. "Earth Images," photographs by Thomas Barker, will be showcased through Feb. 25. Barker is a professor in RIT’s John D. Hromics Center for Quality and Applied Statistics who nurtures a passion for the creation of the visual image in his spare time. He says his "earth images represent a sample from years of observing our environment." Gallery hours are 9 a.m. to 4 p.m. Monday through Thursday, 9 a.m. to 1 p.m. Friday, and 1 to 3:30 p.m. Saturday. For more information about this show or other gallery exhibits, call 475-0855. Maria Murphy / mmpnu@rit.edu

Gannett lecture, Feb. 3

RIT professor M. Ann Howard will present, "Water, Water Everywhere: Will You Have a Drop to Drink?" as part of the Caroline Werner Gannett Lecture Series in the College of Liberal Arts. The lecture will be held at 7:30 p.m. on Thursday, Feb. 3, in the M. A. Howard Auditorium, James E. Booth Building. Howard is an associate professor of public health and science technology and society in COLA. Following the talk will be a discussion led by Marion Balyazik, executive director of Seneca Lake Pure Waters Association Inc. and interim director of the Finger Lakes Institute at Hobart and William Smith Colleges, and William Larsen, social activist and associate professor of civil engineering technology in RIT’s College of Applied Science and Technology.

For more information call 475-2464 or e-mail riwtom@rit.edu. Marcia Giavasis / mgia@rit.edu

Unveiling the mystery of the monasteries

Former RIT photography professor Douglas Lytle signed copies of his latest book, Miracle on the Monastery Mountaintop, at RIT’s Campus Commons bookstore last month. Lytle completed the photos taken during his 20 extended visits to the historic Byzantine Orthodox Monastery of Mt. Athos between 1972 and 1999. Maria Murphy / mmpnu@rit.edu

V-Day set for Feb. 11

The 2006 Women’s Center presents its annual production of The Vagina Monologues, performed simultaneously in American Sign Language and English on Feb. 11 and 12.

The 8 p.m. performances are in Ingle Auditorium in the Student Alumni Union. Doors open at 7 p.m. Tickets—$5 for students, $10 general admission—are available at the candy counter and the Women’s Center, both located in the SAU. All proceeds from the show go to support the RIT CARES program (Campus advocacy, response and support), a comprehensive program for victims of sexual assault, relationship violence and stalking. The Vagina Monologues celebrates V-Day—a global movement to stop violence against women and girls. V-Day promotes creative events to increase awareness, raise money and revitalize the spirit of existing anti-violence organizations. In 2004, more than 2,000 V-Day benefit events were presented by volunteer activists around the world, educating millions of people about the reality of violence against women and girls.

For information, call 475-7464 or e-mail ritvom@rit.edu. Glenda Kokos / gkokos@rit.edu

Unveiling the forest

Marc Kaczmarek, the highly acclaimed French-born photographer and filmmaker, will showcase examples of his work in an exhibition at RIT’s SPAS Gallery. "Spirits of the Forest" features more than 50 large-scale, black-and-white photographs—wooded scenes replete with earthy detail, from the brush of every species of trees to the sentient-like presence of a wooded grove. The free exhibition will run from Jan. 28, through Sept. 13, in the SPAS Gallery, located on the third floor of the Frank E. Gannett Building. Kaczmarek will give a talk at 5 p.m. Feb. 1, followed by a reception until 8 p.m. Call 475-2894 for information.

CAB shows to keep RIT rockin’

Two shows sponsored by the College Activities Board promise to put a kick into your winter.

Dropkick Murphys will perform at 8 p.m. on Friday, Jan. 28, in Clark Auditorium. Originally from Boston, Dropkick Murphys is a seven-man punk band with an Irish twist. With two upcoming releases—the Singles Collection, Vol. 2 1994-2004 due out in February and a full-length album to be released in June—Dropkick Murphy’s is about to embark on a tour of Ireland and Britain. The RIT show is one of the group’s last American shows before the tour. Opening for the band is Toronto-based Three Days Grace. A rock/alternative punk band that first made fans in the mid-1990s, Three Days Grace is known for their “grunge” hit, I Hate Everything About You. Tickets—$10 for students, $15 for faculty, staff and alumni and $20 general admission—are available at the CAB office and on the RIT website. The concert will be held in Ingle Auditorium in the Student Alumni Union. Doors open at 7 p.m. for the concert. Tickets—$5 for students, $10 general admission—are available at the campus bookstore and the Women’s Center, both located in the SAU. For information, call 475-7464 or e-mail ritvom@rit.edu.

The free exhibition will run from Jan. 28, through Sept. 13, in the SPAS Gallery, located on the third floor of the Frank E. Gannett Building. Kaczmarek will give a talk at 5 p.m. Feb. 1, followed by a reception until 8 p.m. Call 475-2894 for information.

Awards spotlight young artistic talent
There is no need to “Photoshop” anything in the career portfolio of Christopher Haupt. Haupt—part of the technical team that builds and operates the popular photo editing software—already has a compelling story about working in the computing field. 

Haupt is a senior engineer responsible for digital imaging/digital video at Adobe Systems Inc., head-quartered in the heart of Silicon Valley.

Haupt earned a B.S. in computer science in 1988 and an M.S. in computer science in 1990 from RIT. While completing his master’s, he worked in RIT’s former software services group.

“I helped students and faculty with problems they might have had using various tools that I had as the role of the instructor, and taught various hands-on seminars for learning the computing environment at RIT as well as teaching a couple of computer graphics classes for the computer science department.”

While teaching at RIT in the early ‘90s, Haupt began collaborating on a project with Dell Kramer, a former faculty member in the College of Liberal Arts and Darin Krauss ‘88 (biomedical computing) who also worked with Haupt in software services. Their lunch conversations led to an innovative idea—creating children’s educational software. The three started a company called CyberPuppy Software, which created software targeted for children in kindergarten through 12th grade.

Their idea was well received.

“Our firststimmer was actually when we took the beta software to a local middle school in Rochester to have the kids in computer camp test it. Wow, that was cool! They really became engaged in telling their stories.”

The three men took the software on the road, and they landed a deal with a company called Maxis. Soon after, their software was on store shelves. In 1996, Haupt and Kramer sold the rights to the company’s technology.

Haupt found himself out of a job, but not for long. Lunch with a schoolmate from RIT led to an interview with Adobe. Haupt planned to stay with the company for six months. That was eight years ago. What does he love about his job?

“I work with a fantastic group of smart, funny, passionate people who together love to bring the power of telling stories with photos to as many people as we can. Having millions of customers use our work in a way that is very meaningful and personal to themselves is really motivating.”

Haupt has some advice to students who want to stand out in the computing field: “Get to know your faculty members and start to grow your social network—reach out to fellow students and alumni. And get involved with some fun projects outside of school work—both computer and non-computer related.”

“The best new graduate candidates I see at Adobe are those with a portfolio of side projects. One of those projects might be the next big start-up!” Something that Haupt knows firsthand from his days brainstorming over lunch with his peers at RIT.

Kelli Donarski/studentlife@rit.edu

The search is on for ‘diversity trailblazers’

Do you know a Diversity Trailblazer?

In celebration of the university’s 175th anniversary, RIT’s Commission for Promoting Pluralism is highlighting the contributions of men and women who have helped RIT become a community where differences are respected and celebrated.

Since May 2004, changing displays in the Student Alumni Union have provided information about Diversity Trailblazers from RIT’s history. During the Expressions of Diversity Weekend, April 23-25, an exhibit featuring 15 of “Today’s Trailblazers” will be on display.

Nominations can be submitted to the commission until Feb. 11.

“RIT’s Diversity Trailblazers are those who are breaking new ground and opening new pathways for a more diverse campus community,” explains commission member Gary Gasper, head of the project. “We know there are many people doing this every day, and we want to recognize their efforts.”

The project has been a learning experience for its organizers as well as for people who stop and view the displays.

“We began our research with Dane Gordon’s fascinating book on the history of RIT. Ultimately we came up with a list of names,” says Gasper. A small team spent many hours in the RIT Archives and Special Collections searching for photos and information. Fourth-year illustration student Christina Fisher designs the displays.

The commission developed the following list of RIT’s Diversity Trailblazers:

Henry Lomb. The first president of the Mechanics Institute (1885-1891), Lomb championed domestic sciences and urged election of women to the board.

Betsy and Ezra Andrews. Instrumental in starting the domestic sciences department in 1892, Betsy Andrews was the first woman named to the Rochester Athenaeum and Mechanics Institute Board of Trustees. She served with her husband, who also supported programs for women.

Kate Gleason. RIT’s Kate Gleason College of Engineering’s commission on Diversity Trailblazers.

The sessions will be ongoing based on staff needs.

Christopher Haupt helped create CyberPuppy, a children’s educational software company

Gary Gasper and Christine Fisher at work on the current Diversity Trailblazers exhibit, which features photography alumnus Bernie Boston.

Exploring professional development at RIT

Human Resources’ Center for Professional Development is launching RIT’s New Staff Career Development Program in March which coincides with RIT’s Strategic Plan and a goal of retaining valuable employees. The seminar series which will be facilitated by Career Development Services is supported by a gift from TIAA-CREF.

“Supervisors should encourage their staff to participate and accommodate their requests to take advantage of this opportunity because the resources of this program will benefit RIT as a whole. This is designed for all staff,” says Patty Spinelli, director, Human Resources.

The free seminars, which are one component of the program, will feature sessions for new and exempt staff and supervisors and managers.

Staff seminars will focus on ways to share credit with managers, draft an effective development plan and integrate personal and organizational needs to create and analyze career development goals. Supervisors and managers will build skills to support the development of staff, create a personal career development plan and assess coaching skills and techniques for conducting meaningful career discussions.

The sessions will be ongoing based on staff needs.

Kerry Dominick at humanresources@rit.edu

Free Kate Gleason talk

Raffaele D’Andrea, associate professor of mechanical and aerospace engineering in the Shiely School at Cornell University, will discuss “Challenges and Opportunities in Distributed, Autonomous Systems” 1:15-3 p.m. Feb. 10 in Stover Auditorium in the James E. Gleason Building.

D’Andrea, who is also vice president of systems architecture for Kiva Systems Inc. in Burlington, Mass., will also share details on multi-vehicle systems, acrobatic, autonomous flying vehicles used to form airborne, phased array antennas and autonomous, distributed and networked mobile robots in an industrial setting.

Free and open to the public, the talk is part of the Kate Gleason College of Engineering’s Distinguished Speaker Series.

Contact Mary Jane Fridt at 475-2146 or mjseen@rit.edu.

ITs series continues

Thomas West, director of the National Lambda Rail Project, will be the featured speaker at the ITS Technology Seminar Series, 10 a.m.-noon, Feb. 11 in the CIAS auditorium, room 1125.

Series participants will learn about the project and the infrastructure capabilities to support education and research initiatives. Registration for the seminar is free and open to the RIT community. To register, call 475-2246 or e-mail cias@rit.edu.

Triathlon, anyone?

Need help keeping your New Year’s resolutions to get fit and healthy?

There’s a newly formed club at RIT that might be able to help—the Triathlon Club. Its first triathlon is 1-5 p.m. Feb. 12 in the Gordon Field House and Activities Center. The event is open to individuals and relay teams with a maximum of 80 participants.

The triathlon consists of 15 minutes swimming in the competition pool, 15 minutes on a stationary bike in the fitness center and a 1-5 minute run around the track.

To register, visit the Student Life Center cage 4-8 p.m., until Jan. 28 or visit www.rit.edu/~triwww.

Cost is $15 for students and $25 for faculty, staff and alumni.

Coat of Many Colors

Feed your body and your mind with a new series sponsored by the Center for Religious Life.

A noontime brown bag series, “Coat of Many Colors,” is held in the Shafroth Room, Interfaith Center at 12:00 p.m. each Thursday. Discussions from various religious traditions are presented.

Religious communities which tend to be out of the mainstream traditions or that have a history of dissenting from those traditions are discussed and explored by its representatives.

Religious to be discussed are the Sunni, Jan. 27; Society of Friends, Feb. 3; Shabbat, Feb. 17; Unitarian Universalism, Feb. 24; Seventh Day Adventists, March 10; Spaniards, March 17; Wicca, March 24.

The discussions are free and open to the public.

For information, call 475-2135.

Valerie Candale @阀scomm@rit.edu

Honoring the spirit of a great visionary

On Jan. 19, the RIT community celebrated the legacy of civil rights activist Martin Luther King Jr. with a musical presentation from the RIT Gospel Ensemble and a talk from Robert Colvin, New York State assistant attorney general, Rochester division.

Colvin’s talk focused on whether Martin Luther King’s dream has become a reality. A question-and-answer session followed.

The program was sponsored by RIT’s Commission for Promoting Pluralism.
The proof is in the print

Representatives from Kodak Polychrome Graphics helped train Erin Lehman, second from left, pressroom facilities coordinator, and Michael Vanderlan, bottom right, assistant professor of color imaging and publishing, both in the School of Imaging Science, on the latest proofing technology. KPG donated the Kodak Approval NX Digital Color Imaging System to RIT. The equipment, using thermal imaging technology, produces digital halftone proofs faster than the current industry standard. A ribbon-cutting ceremony was held in December.

Diversity trailblazers from page 3

engineering college named for a woman—honors the successful entre- preneur who logged many firsts in engineering and business in the early 1900s.

Edwina Hodgadone. The first
dean of RIT’s College of Business was also the first woman in the nation
to head a college of business.

Mark Ellingson. President from 1936 to 1969, Ellingson oversaw an era
gerin progress including con-
fusion of the current campus and
the founding of the National Technical Institute for the Deaf at RIT.

Bernie Boston. As a Native American, Boston made RIT history by becoming president of Student Government. He graduated in 1955 and went on to a highly successful career in photojournalism.

Hettie Shumway. A member of RIT’s Women’s Council and a sup-
porter of Rochester School for the Deaf, Shumway persuaded Ellingson to promote RIT as the site for NTID.

Isaac Jordan Sr. and Cynthia Hettie Shumway.

The first

memories of

uncover cost-saving measures

with available renewable energy

opportunities at parks by matching them

to energy use at the 375 national parks.

energy efficiency and renewable

resources and save tax dollars is the

goal of a project led by RIT professor

James Winebrake.

Winebrake, associate professor and chair of RIT’s science, technology and society/public policy department in the College of Liberal Arts, recently won a $352,697 grant from the National Park Service to stimulate energy efficiency and renewable energy use at the 375 national parks. He and public policy graduate stu-
dent Erin Green will focus on three objectives:

• Analyze renewable-energy oppor-
tunities at parks by matching them

with available renewable energy

resources, such as wind or solar power

• Analyze a park’s utility bills to

uncover cost-saving measures

In the depths of winter, Student

Gymnasium.

Homecoming events preview

• 9 p.m. Feb. 9: pep rally, Clark

Gymnasium.

• 8 p.m. Feb. 10: Tiger Idol final

contest, Clark Gymnasium; first place

wins a $3-year prize, second place

wins a $250-year prize and third

place wins a $100-year prize

• 6 and 8 p.m. Feb. 11: women’s

and men’s basketball games

• 7 and 7 p.m. Feb. 12: women’s

and men’s hockey games; free pizza in

between the games.


RIT professor leads energy study

Improving energy efficiency at

national parks to conserve natural

resources and save tax dollars is the

goal of a project led by RIT professor James Winebrake.

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tunities at parks by matching them

with available renewable energy

resources, such as wind or solar power

• Analyze a park’s utility bills to

uncover cost-saving measures

• Initiate energy efficiency and

renewable energy projects in parks to

reduce the National Park Service’s

dependence on fossil fuels.

“Ours nation’s parks are absolute gems,” Winebrake notes. “Yet, they con-
tain old buildings and equipment that waste a lot of energy and, therefore,

money. This work will uncover energy savings opportunities and help parks

implement relatively easy energy projects that would otherwise be out of reach.”

In a related project, Winebrake, director of the University-National Park Energy Partnership Program, distributed $194,000 in the fall to seven universities to conduct energy audits at nearby national parks.

Those universities include University of Colorado, University of Delaware and Georgia Tech.

Samantha Gwaltney | sfg@rit.edu

Nutrition from page 3

After attending RIT, Kris-Etterton went on to earn master’s and doctoral degrees in nutrition. “I have fond mem-

or of RIT and the valuable experiences I gained,” she adds. “RIT

provided me with a sound knowledge base in nutri-
tion and dietetics.”

Theresa Nicklas ’79 (general dietetics and

nutrition care), professor of pedi-

atrics in the Children’s Nutrition

Research Center at Baylor College of

Medicine in Houston, lent her

expertise on children’s nutrition
to the nutrient adequacy and谕-

lucky-ace committees. “Every
time the

committee

started talking about adult recom-

mendations, I would interject by say-

5

ing, ‘What about the children?’

explains Nicklas, who, after graduat-

ing from RIT, earned a master’s degree and

a Ph.D., both in public health.

The new guidelines place greater emphasis on the consumption of

fruits, vegetables and whole grain-

foods with high levels of vitamins

and low in calories. A healthy-eating

philosophy is stressed through 41

scientifically based dietary recom-
mendations aiming to reduce the

risk for major chronic diseases.

Keys to healthy eating include eating a variety of foods in moder-

ation, watching portion sizes and engaging in regular physical activity.

The guidelines, revised every five

years by the U.S. Department of Health

and Human Services and the Depart-

ment of Agriculture, set the nation’s policy direction in nutrition programs,

research, education, food assistance,

labeling and promotion. The agricul-

ture department is expected to unveil a

revised “food pyramid” this spring.

Visit www.healthierus.gov

Visit www.healthierus.gov

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Visit www.healthierus.gov