Soon after Bill Destler became president of Rochester Institute of Technology on July 1, 2007, he announced that his top priority was securing RIT’s position as a national center for creativity and innovation. “RIT has the makings of the nation’s first ‘Innovation University,’” Destler believes. “Indeed, RIT has an unfair advantage with its unique program mix and diverse student body.”

Nearly 16,000 undergraduate and graduate students from all 50 states and 95 nations are enrolled in RIT’s career-oriented and professional programs. The university’s eight colleges offer more than 92 undergraduate degrees, 70 graduate degrees and four doctorate programs. RIT traces its roots to the Rochester Athenaeum, founded in 1829, and Mechanics Institute, founded in 1885. The two organizations merged in 1891. The name Rochester Institute of Technology was adopted in 1944. The university moved to its current campus in 1968.

Today, RIT has more than 100,000 alumni living in every state and in more than 100 countries worldwide.

For more information about RIT, visit www.rit.edu/about.

To learn about President Destler and his vision, visit www.rit.edu/president.
Getting Around the Festival

**Toyota Welcome Center**
To get answers to your questions or help in finding your way around the festival, stop in at the Toyota Welcome Center, located directly north of the Xerox WOW! Center (see map, pages 8-9). It’s the best place to begin your visit.

**Information**
Looking for something? Visit the Toyota Welcome Center (see map, pages 8-9) or stop at any of the information stations around campus. Volunteers will be on duty throughout the day. They’ll be wearing bright orange T-shirts marked “Volunteer.”

**Interpreters**
Sign Language interpreters will be posted at the Toyota Welcome Center, outside the Student Alumni Union and the Wallace Library (see map, pages 8-9). They’ll be wearing navy blue T-Shirts marked “Interpreter.” In addition, the main stages will have interpreters for all performances.

**Shuttle buses and people movers**
Kodak People Movers are available for those needing assistance getting around campus. To find out where to catch a ride, see the map, pages 8-9. You can catch a shuttle bus back to your car at the point where you were dropped off, in front of the Toyota Welcome Center (see map, pages 8-9).

**First aid**
There are two first aid station, located outside the WOW! Center and near Gleason Circle (see map, pages 8-9).

**Rain locations**
Most activities at the festival take place indoors and will not be affected by inclement weather. In the event of heavy rain, outdoor exhibits will move into the Student Alumni Union, Clark Gymnasium and Ritter Ice Arena (see map, pages 8-9).

**Restrooms**
Restrooms are available in every building open during the festival.

**Food**
There will be plenty to eat, whether you want a snack, beverage or a meal. Food will be available for purchase at more than a dozen locations (see map, pages 8-9).

**Festival merchandise**
You can purchase T-shirts at the Toyota Welcome Center. RIT’s Campus Connections Bookstore will also be open. It’s located in the Student Alumni Union (see map, pages 8-9).

**Lost persons**
Missing someone? Call Public Safety at 475-2853. Reconnect at the Toyota Welcome Center (see map, pages 8-9).

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Carnival offers fun!

RIT’s annual spring carnival sponsored by the College Activities Board is wrapped into the Imagine RIT: Innovation and Creativity Festival this year.

The carnival features rides including the traditional Ferris wheel as well as the popular inflatables offering active fun for children. Rides are free.

You’ll also find games and food at the carnival site, available for a nominal price.

Look to the east from the Xerox WOW! Center (Building 24) and you’ll see the carnival and inflatables located in parking Lot M and the adjacent lawn area.

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**See you next year!**

The second annual Imagine RIT: Innovation and Creativity Festival will take place on May 2, 2009. Your input will help us make next year’s event even better. Please fill out our online survey at www.rit.edu/imagine.

We’re glad you came today. We hope you are, too!

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**Timed Events**
Most exhibits will be open from 10 a.m. to 4 p.m. Certain performances and special events will take place at scheduled times during the day. Look for this symbol to find time-specific activities.

**Kid Friendly**
Look for this symbol to find activities and exhibits of special interest to younger visitors.
Imagine RIT: Opening ceremony
RIT President Bill Destler will kick off the inaugural Imagine RIT: Innovation and Creativity Festival and Can You Imagine? the theme song will be presented.

ImageMovementSound
See multimedia works created by students, including cinematic projections, live dance and music performance.

Innovative Orchestral Music
Associate Professor Michael Ruhling will discuss approaches to communicating new ideas in two pieces of orchestral music.

Surround Sound
Student vocal ensemble performs.

DAMMIT (Digital and Analog Musical Manipulation of Incandescent Technology)
A demonstration DAMMIT (Digital and Analog Musical Manipulation of Incandescent Technology), a computerized light show created by RIT’s Computer Science House.

BrainWreck Improv
BrainWreck Improv is a comedy based performance group that bases its acts entirely off of suggestions from the audience.

A Movie Is Worth More Than a Million Data Points
See how simulations of scientific events, like a galaxy merger or a collapsed mine can be created by collecting data points from such events.
Imagine Poster Design Contest

Students were challenged to create posters in conjunction with Imagine RIT: Innovation and Creativity Festival. The winning entry, shown here, was created by Carly Schonberg, a fourth-year illustration student from New Rochelle, N.Y. President Bill Destler selected her poster from five finalists identified by the Festival Planning Committee.

![Poster design by Carly Schonberg](image)

Imagine YouTube Contest

Students were also invited to submit an innovative and creative YouTube commercial, no more than 60 seconds in length, promoting Imagine RIT. You can link to the winning video, produced by Georgi Unkovski, from the Imagine RIT Web site at www.rit.edu/imagine.
**Computer-Generated Poetry**
Discover how a student developed a computer program to generate unique poetry using words and styles from many authors.

**Eye Tracking in the Real World**
Learn about the RIT wearable eye-tracker system and the role of eye movements in showing how attention is allocated. Additionally, a new product will be demonstrated.

**Peripheral Photographs**
Become the subject of a unique “all the way around” portrait by standing on a turntable while a stationary camera captures your image.

**FIRST Robotics**
See the action when teams of high school students build and design robots to compete in high-spirited challenges at the regional and national level.

**iTheater: Macintosh Media Center**
Learn about software that allows users to navigate their multimedia content (DVDs, videos, photos and music) in an aesthetically pleasing environment.

**Optimizing Freight Shipment for a Better Environment**
RIT’s Geographic Intermodal Freight Transport (GIFT) project creates a computerized map of U.S. freight shipping networks (truck, rail and ship) with the goal of finding the most efficient ways to ship freight.

**Energy and Emissions of Materials Flows in the Automotive Industry**
A student research team hopes to create a framework for the auto industry that brings together existing models into a single system to address gas emissions.

**Foreign Language Technology Demonstration**
The Department of Foreign Languages presents a showcase of student foreign language performance using technology.

**Visualization of Medical Images**
The addition of color helps make the medical images appear more three-dimensional. Visitors will get a chance to try color processing techniques and see how they can be helpful in diagnosing disease.

**Becoming More Creative**
Creativity, like knowledge, can be practiced and improved. Learn how creativity can be a measure of success and discover different ways that creative strengths can be developed.

**Wireless Bio-telemetry with Implantable Sensors**
Sensors implanted in the human body can be used to monitor various conditions. Learn about research using implantable sensors to monitor pressure within the eye and for tissue characterization.

**Banking Deregulation and Responsible Debt Relief**
one of the nation’s leading authorities on U.S. consumer debt, RIT Professor Robert D. Manning, explains the role of banking deregulation in creating the housing bubble and soaring consumer debt levels through a multi-media presentation.

**The TEAK Project**
Find out how engineers contribute to issues related to energy and the environment – from insulating your home to designing the most effective wind turbine. The TEAK Project incorporates hands-on experiences to teach engineering concepts.

**Hotel Proxy**
Computer, software and hospitality management students present a unique online hotel community.

**Innovations in Publishing**
Check out “The Innovation News,” a real-time Web repository and “newspaper” published at the festival. Also: Play the Innovation Festival Social Networking Game by collecting and swapping “trading cards” to complete scavenger-hunt tasks.

**Can You Hear Me Now? You Will Soon!**
Learn about types of hearing problems and how they are being addressed by current therapies including biomedical engineering.

**Walk-in Mobius Kaleidoscope**
Check out the Mobius trihedral kaleidoscope and see how straight object such as sticks can form geometric shapes, demonstrating common symmetry elements of regular polyhedra.

**Past Meets Present: A Century of Women Students**
Learn about the programs and curricula women students pursued at RIT (then known as Rochester Athenaeum and Mechanics Institute) in the late 19th and early 20th centuries.

**Traditional Knowledge Applied for Green Technology Today**
Learn how cutting-edge Native American technology is being used today and how the Native process of obtaining information compares with the Western Scientific Method.

**Mine Detection with Swarm Robots**
Find out how RIT researchers have developed a group of modular micro robots for use in detecting and destroying explosive mines.

**Automated Medication Dispenser System**
Dosages of certain medications need to be frequently adjusted, requiring coordination between physician, patient and pharmacist. An RIT engineering team has developed an automated, Internet-enabled home dispenser to help the physician quickly respond to the patient’s needs.

**RIT Big Shot**
A multimedia presentation will reveal the complexities involved when hundreds of volunteers created RIT’s most recent Big Shot “painting with light” photo of the Pile Gate in Dubrovnik, Croatia.

**Innovations in Teaching and Learning with Technology**
Discover how technology has transformed teaching – and taken learning beyond the classroom.

**C-Print: New Technology to Meet Diverse Student Needs**
See the latest advances in C-Print, a speech-to-text technology developed at NTID. One development allows deaf/hard of hearing individuals to view a real-time display of text using a handheld device. Another combines a tablet PC and the C-Print system to provide simultaneous display of text and graphics.

**Underwater Technology and Robotic Platforms**
RIT engineering teams are developing a thruster and lighting system for an underwater vehicle as well as open source, open architecture, scaleable, modular general purpose land-based robotic platforms.

**Rube Goldberg Lives!**
Phi Sigma Pi fraternity members will present the classic Rube Goldberg devices that perform simple tasks in indirect, convoluted ways.
Gravitation
for Computational Relativity and
an exhibition created by RIT’s Center
phenomena in the universe through
Visit some of the most dramatic
Galaxies, Black Holes
Other Dangerous Places

**BattleBots/Combat Robotics Exhibit**
A veteran of "battle bot" events around
the country will demonstrate the power of
competitive robots.

**Bioengineering: a Robotic Hand**
Get a look at a robotic hand technology
currently under development by RIT
engineers.

**Using Creativity to Engage Women in Engineering**
RIT’s WE®RIT organization presents
three exhibits: A demonstration of
robotic skill; a mural created by
young women engineers; and multi-
purpose clothing invented as part of
an engineering challenge.

**Generating 3D Anatomic Models from Radiographic Data**
Visitors will see a demonstration of
Osirix, a program for converting
radiologic data such as CT and MRI
scans into 3D models and "fly-through" animations of the human body.

**American Society of Civil Engineers Concrete Canoe**
RIT Civil Engineering Technology
students design and build a concrete
canoe. See a demonstration in the
swimming pool.

**Micro, Nano and Art: From Science to the People**
View scientific images showing micro-
and nanostructures created by
engineering and science students and
staff.

**Social Networking Classroom**
The socially networked classroom is
a hub of activity that extends beyond
the walls of a room through online
resources such as MyCourses, FaceBook,
Blogs, and Second Life.

**Agent**
Test-drive a three-dimensional sci-fi
game and learn about social engineering
techniques as a means of gaining
information.

**Deaf Poets Society**
Members will perform literature,
opems and other works in American
Sign Language.

**Galaxies, Black Holes and Other Dangerous Places**
Visit some of the most dramatic
phenomena in the universe through
an exhibition created by RIT’s Center
for Computational Relativity and
Gravitation.

**New Perspectives on Social Entrepreneurship**
Learn about work done by RIT
students in collaboration with resident
leaders and youth from the northeast
neighborhoods of Rochester.

**A Green Lung for RIT**
See how a college campus could
incorporate plant life to decrease its
impact on the environment. The exhibit
uses traditional sketch techniques,
architectural models, and digital
modeling and rendering techniques to
design a free standing organic green
lung for the RIT campus.

**American Sign Language Video Dictionary**
See a demonstration of "Aslvideopedia,"
a new online “dictionary” of American
Sign Language developed at RIT that
allows viewers to see how signs for
hundreds of words are created.

**Factors influencing Inhaled Particle Deposition**
The understanding of what influences
particles deposition in the lung aids in
the development of drugs that can be
delivered by means of aerosol. See how
RIT researchers created an apparatus to
study fluid flow within the lung.

**DRINK**
See a demonstration of DRINK, a
networked vending machine created
by members of Computer Science
House that allows people to order
drinks from their own computer
anywhere in the world.

**Mobilized Robotic Hotdog Assembler**
Check out a machine that automatically
dispenses hotdog toppings to the
customer’s order.

**Cube Content: Learning Science in Immersive Environments**
Enter an 8-foot cube and experience
classroom technology used in RIT’s
Frontier of Science course.

**Heroine: Drink Retrieval Robot**
Created by members of RIT’s Computer
Science House, Heroine retrieves
beverages ordered from a networked
vending machine.

**Sustainable Engineering**
Check out sustainable engineering
projects created by RIT’s Sustainable
Engineering Research Group, including
solar ovens, UV water purification
devices, self-contained LED lighting and
a zero-energy house model.

**Translating Sign Language in Text**
Test a system that uses a computer to
translate American Sign Language finger
spelling into written text and audio,
providing new ways of communication
between the deaf and hearing.

**Converting a Rare Book Collection into Digital Assets**
Learn how RIT’s university press is
teaming with Kirtas Technologies to
unlock the vast amount of information
in the Cary Graphic Arts Collection
of rare books at RIT and making its
contents available globally.

**Game Design and Development**
Check out the latest developments in the
computer game industry.

**ImmerseMe**
Visit a “virtual children’s zone” that
allows everyone to become part of a
wide-screen presentation.

**Autonomous Robot Teams for Multi-threat Containment**
Learn about self-guided robots designed
to surround foreign objects.

**Innovative Technologies for a Sustainable Future**
The Golisano Institute for Sustainability
will present a summary of research and
technology transfer projects related to
sustainable design, pollution prevention
and industrial reuse.

**Thermal Imaging Demonstration**
Explore current research from RIT’s
Center for Imaging Science.

**Just Like Being There**
Learn about black holes. Stand on stage
with former President Bill Clinton. These
and other immersive presentations will
be shown continuously.

**Research at RIT**
Be one of the first people to receive
a copy of RIT’s new Research at RIT
magazine.

**RIT Publications**
See a display of materials produced by
RIT authors.

**Highlights of ImageMovementSound**
Image-MovementSound Festival merges
dance, film, music and other art forms
created by students from RIT and other
area colleges.

**Food Innovation for Industry**
See new Dove Chocolate products
created by RIT Hospitality and Service
Management students.
Imagine Festival Key
- Emergency and First Aid
- Information Stations
- People Mover Stations
- Food Services
- Entertainment
- Rain Locations
- Interpreter Stations

Imagine Festival Buildings
1. George Eastman Building
2. Frank Ritter Ice Arena
3. Clark Gymnasium
4. Student Alumni Union
5. Wallace Memorial Library
6. College of Liberal Arts Building
7A, 7B. College of Imaging Arts and Sciences Building
8. Thomas Gosnell Building
9. James E. Gleason Building
10. Max Lowenthal Building
11. Schmitt Interfaith Center
12. Center for Micro Electronics Engineering
13. Color Sciences Building
14. Xerox WOW! Center (Gordon Field House and Activities Center)
15. CSD Student Development Center
16. Lyndon B. Johnson Building
17. Golisano College of Computing and Information Sciences
18. IT Collaboratory
19. Chester F. Carlson Building
20. Baush & Lomb Building
21. Louise Slaughter Building
22. College of Applied Science and Technology Building
**Outside exhibits**

**Xerox WOW! Center vicinity**
- **Ride an Electric Bike**
  RIT's E-Bike Club invites you to test drive one of their electric vehicles.
- **Test Drive a Segway**
  RIT’s Public Safety department will demonstrate Segway people movers.
- **21st Century News**
  Learn new ways to find out what’s going on in today’s complex world.

**Varsity Practice Field**
- **Punkin’ Chunkin’**
  See demonstrations of a pumpkin cannon.

**Simone Circle**
- **Formula SAE Car Unveiling**
  11:30 a.m.
  See the RIT Formula SAE racing team’s 16th car.
- **Greenvehicle Team**
  3 p.m.
  The Greenvehicle Team will unveil its first two experimental cars.

**Quarter Mile**
**Walkway between Xerox WOW! Center and Wallace Library**
- **Visionaries in Motion**
  See a display showcasing an ongoing lecture series.
- **Printing Green**
  Learn how the printing industry is addressing environmental issues.
- **Triangle Fraternity’s Bed-Push**
  Find out about a student organization’s major philanthropic event.
- **Timeline**
  Find out about *Timeline*, the non-traditional yearbook launched in 2007.
- **Composting at RIT**
  Learn about compostable tableware being used by the RIT Food Service.
- **Signatures Poetry Reading**
  Students read work from *Signatures*, the annual literary publication.

**Infinity Quad**
- **Surface Functionalization of Carbon Nanotubes**
  Learn about research related to tiny structures that hold huge potential.
- **Hydrogen: The Incredible Energy Carrier**
  Learn the basics of an important developing energy source.
- **What’s Greening at RIT**
  Honor students will present reports and work about sustainability issues.
- **Nitrogen pollution in estuaries**
  Find out how nitrogen is introduced, harming bodies of water.
- **Chainmail Workshop**
  Visitors will be able to create a piece of chain mail.
- **Solar Hot Water**
  See how solar panels can be used as a sustainable energy source.
- **Solar Oven**
  An alternative-energy cooking device will be demonstrated.

**College of Liberal Arts area**
- **Rural Schools Project in Cambodia**
  Learn about the efforts of Students for Cambodian Schools.
- **Poetry Banners**
  See a display of approximately 12 oversized posters of student poems.
- **The History of Signatures Magazine**
  Learn about the annual art and literary magazine.
- **The spirit Molecule**
  You’ll need to visit the exhibit to find out what this is.

**Gleason Circle**
- **Wallace Library/College of Science Traffic Circle**
  View continuous animation playing to experimental audio.

**Greek Lawn**
(east of the Xerox WOW! Center)
- **Army ROTC Adventure**
  Get harnessed in and try to climb the 20-foot rock wall.
- **Inflatables**
  Fun for children.

**Student Life Center**
(Building 23)
- **Better Me Expo**
  Check out fitness activities and talk to personal trainers. *Studio*

**August Center**
(Building 23A)
- **Mindfulness Meditation**
  Four one-hour sessions will take place throughout the day. *Room 2149*

**George Eastman Building**
(Building 1, College of Applied Science and Technology exhibits)
- **A degree of one**
  Discover innovative ways of integrating technology into the classroom. *Lobby*
- **Developing future leaders in China**
  This interactive workshop uses storytelling for training. *Lobby*
- **Space tourism**
  Find out about the world’s only space tourism class. *Lobby*
- **Nutrition and the Mediterranean Diet**
  Learn about the benefits of a healthy, flavorful cuisine. *Lobby*
- **Learning in a global classroom**
  Discover how teaching methods are practiced and assessed. *Lobby*
- **Global Learning Communities**
  See how RIT’s global outreach has transformed institutions. *Lobby*

**Clark Gymnasium**
(Building 3)
- **EB Dojo - Pixelated Magazine**
  Learn about innovation in the area of online entertainment.
- **Apprenticeships in information technology**
  Learn about RIT’s unique partnership with Wilson Magnet School.
- **First-Year Student Web Site Competition**
  See how students answered the challenge of creating a Web site for freshmen.
Venture fair  
Learn about RIT’s Venture Creations business incubator.

BarCampRochester3 Presentation  
Learn about BarCampRochester3, a multidisciplinary conference.

Residential Energy Savings  
Learn about a student engineering project to implement energy-savings.

Reporter Magazine: The “Me” Issue  
RIT’s student magazine uses student faces to create 6,000 unique covers.

First-Year Student Projects  
See how RIT’s newest students developed their green ideas.

RIT’s green cleaning evolution  
Learn about steps being taken by RIT’s custodial department.

Student Alumni Union  
(Building 4)

RIT Model Railroad Club Open House  
Visitors will see the club’s model railroad. Room A420 (basement level)

Around the World in 20 Minutes  
Visit some of the countries that make up the RIT community. 1829 Room

World Wide Walkway  
Each step shows you a different part of the world. Lobby

ESPN and RIT  
Take a turn as an announcer on the RIT SportsZone television program. RIT’s SportsZone, basement level

Creativity of Fandom  
Learn about the world of Anime. Fireside Lounge

Theater at RIT  
Get an overview of past student productions. Ingle Auditorium Lobby

Wallace Memorial Library  
(Building 5)

Celebrating Great Innovators in Graphic Design  
See work from collections in the RIT Archives. Second Floor

The Changing Library  
See how the libraries and books have changed throughout time – and what to expect from libraries of the future. Idea Factory

Frontiers of Science: Teaching in an Immersive Environment  
Visitors will enter a state-of-the-art classroom to learn about black holes, the big bang theory, viruses, nano power and much more. Room A400

Asteroids 3D  
Get a unique vies of space in a state-of-the-art classroom. Room A400

Innovation, Invention and the Collaboratorium  
Learn about innovations in the library environment. Room A400

Edible Books Fair  
Visitors vote for most creative edible books and have a chance to decorate cookies. Idea Factory

Coptic Bookbinding Demo  
Participants can make small books from recycled materials after a brief demonstration. Each session (10:30 - 11:30 a.m. and 1:30 - 2:30 pm) is limited to the first 18 visitors. Second Floor

Libraries of the Future  
Check out an exhibit featuring library innovations and contribute their own thoughts by contributing a drawing, note, or wiki page. Idea Factory

Hands-on printing for the Sentinel Mail Art Show  
Visitors of all ages can print a postcard on a historic iron handpress. Idea Factory

College of Liberal Arts  
(Building 6)

Toxic pollutants: How does your community rank?  
Find out about exposure to pollutants in New York communities. Room 1251

Economics Students’ Research  
An exploration of inequality and poverty since 1990. Room 1251

Ancient technology and other matters  
Find out about faculty and student archaeological research. Room 1251

Display of Icon Book  
Research is displayed. Room 1251

Group Branding  
Faculty expertise presented. Room 1251

Center for Public Safety Initiative  
RIT’s Criminal Justice Department presents research findings. Room 1251

Flute Choir  
A student group performs. Room 1251

Celebrating the Unexpected  
Explore creativity at work and at play in the College of Liberal Arts. Room A201

Creative Writing and Visual Project  
See examples of student work. Room A201

Expressing the Unthinkable  
Learn about creative communication. Room A201

The Dark Comedy of the Legislative Process  
A multi-media excursion into legislative politics will be presented. Room A201

Booth Fine Arts Building  
(Building 7A) and
Gannett Building  
(Building 7B)

College of Imaging Arts and Sciences  
The College of Imaging Arts and Sciences will be showcasing many projects and programs. Among the highlights are:
• Big Print – Making the Largest MonoPrint Ever
• SAC Works in Progress Walkthrough
• The Fringe Gallery
• Film and Animation Screenings
• Green Screen
• Raku Firing Demonstration
• New Media Lab Exhibition
• Outdoor Sculpture Exhibition
• Interactive Iron Pour
• Variable/Print on Demand Demonstration
• Elevator Audio Collages
• What is Design Panel Discussion – 7A 3310 1:00-2:30
• Bevier Gallery Exhibit
• SPAS Gallery Exhibit
• Innovation News – four editions throughout the day

The Seasons-Comic Book  
Check out comic books created by the Biological Sciences department.

Adhesion of Copper to UV Photo-oxidized Polyimides  
Learn about research related to fabrication of electronic devices.
Undergraduate Research Open House
Learn about student research and take a tour of RIT’s College of Science facilities.

Building Interdisciplinary Teams for Scientific Visualization
See animations and 3D graphics of human organ systems.

Computer Gaming and Medical Education
Learn about the human visualization project.

Universal Access to Molecular Visualization
RIT scientists are developing a system to make scientific documents more accessible over the Internet.

Universal Access to 3D Visualization Using Adobe Software
RIT’s scientists hope to convert files of living systems in 3D animation to an easier-to-use format.

LivePhoto Physics Project
Learn about a teaching method being developed to help students.

RIT Immersive Theater
See immersive shows created by RIT students, staff and faculty.

Carbon Nanotubes with Peptides for Drug Delivery
See research on using tiny structures for drug delivery.

James E. Gleason Building
(Building 9, Kate Gleason College of Engineering)

Heartbeat Monitoring over the Internet
See a demonstration of a wireless online heartbeat monitor.

Cyber Intrusion Threat and Impact Projection
Find out how cyber attacks can reveal plausible ongoing attacks.

Understanding Lung Disease
Students team up to create more accurate airway models.

RIT Micro Aerial Vehicle
See the MAV along with video footage of the plane flying.

Magnetically Suspended Implantable Blood Pump
A proposed improvement to ventricular aid devices will be presented.

Leveraging the FPGA hybrid technology
Learn about optimization of cryptographic algorithms.

Smoking Machine
See a machine built to test regular and so-called “safer” cigarettes.

Fluids are Fun
Discover a new meaning of “liquid assets.”

Power Generation from Waste Heat
Learn about devices that convert waste heat into electrical energy.

RIT Aero Design
RIT’s AeroDesign Club will showcase projects.

Professional Programs
Find out about leadership programs for working people.

IEEE Student Design Contest
See examples of student work in electrical engineering.

Recognition of Human Activities
See a demonstration of computer vision methods.

Tele-cardiology with Privacy
Learn about the use of wireless medical sensor networks.

Senior Design Projects
See examples of student work conducted with local companies.

Computer Engineering projects
See examples of student work conducted with local companies.

Dynamic Thermal monitoring
Learn about power optimization and thermal management.

Geopolymers, A green alternative for the cement/construction industry
Learn about new materials that alleviate wastes.

Fuel Cell Emulator
Learn about a practical approach for testing fuel cell systems.

Innovation through Industry Partnership
Find out about an innovative lab experience for students.

Max Lowenthal Building
(Building 12, Saunders College of Business)

Beat the Market: An Interactive Economics Simulation Game
“Play” an online economics game used in the classroom.

An Alternative Method to Compute the Variance/Covariance Matrix
Learn a technique for computing the variance/covariance matrix.

Hands-on Experience with Business Computer Networks
See how K-12 students and parents set up a computer network.

The New E-mail
Learn about the next generation of e-mail.

Classroom Performance System
Learn about a teaching tool that encourage creativity.

Virtual Classroom
See a virtual classroom in operation.

Financial Innovation
The Saunders Finance Club demonstrates software and Web sites for portfolio investments.

Specialized Information Content Service
See a Web-based service that aids instructors.

Using Case Studies in Teaching
See the Case Method for Teaching Adoption of Technology in a Unionized Context.

Whose line is it anyway? Learning about teamwork through improvisation
Learn about an interactive program developed at RIT.

The EPRSim Game at RIT
Learn about a game used to teach Enterprise Resource Planning systems.

BizSim
See a demonstration of a game that helps students understand business principles.

New Shoes
See a demonstration of a game that helps increase understanding of business principles.

Virtual Saunders
Visit an online 3-dimensional Second Life environment.
**ASK Nick**  
Computer guru Nick Francesco answers your questions. *Room 3120*

**Saunders Alumni Social Network**  
The Alumni Relations and Development Office will show you how the art of networking is changing. *Room 3125*

**Do Well by Doing Good**  
Learn about recent research that shows how companies can profit by being socially responsible. *Room A950*

**Center for MicroElectronic Engineering**  
(Building 17, attached to Gleason, Building 9, Kate Gleason College of Engineering)

**Smart Sensor Technology for RF Connectors**  
Learn about the RIT Smart Connector. *Room 4150*

**Implementing High Q Filters Using Silicon Cavity A**  
Check out an innovative multi-disciplinary project. *Room 4150*

**Low Temperature Crystalline Silicon (LTCS)**  
Explore a technology being developed by Corning and RIT. *Room 4150*

**Project METEOR**  
Learn about Project METEOR – Microsystems Engineering and Technology for the Exploration of Outer Space Regions. *Room 4100*

**Research at RIT**  
Find out about the current state of RIT’s research. *IT Collaboratory, Room 3110*

**Ph.D. Student Poster Session**  
Find out about research developments. *Second floor hallway*

**Micro and Nano Manufacturing Laboratory**  
Learn about technology that allows electronic devices to be smaller and more powerful. *Room 2550*

**The Fab Lab!**  
See the world’s largest undergraduate classroom facility. *Room 2700*

**Color Science Building**  
(Building 18)

**Color Science @ RIT**  
Find your way to this unique part of campus for an open house.

**CSD Student Development Center**  
(Building 55, National Technical Institute for the Deaf)

**An Online Resource for Instructors**  
Class Act is designed to enhance access to instruction for deaf and hard-of-hearing students. *Second Floor*

**3D Park Point Impressions**  
See photos of construction of a housing and commercial development on campus. *First Floor*

**Digital Wall Art**  
Viewers will be able to watch artists working in the Sprint Relay Experimental Distance Learning/Access Demonstration Lab and around the world as they design and draw in real time. *First Floor video wall*

**Deaf Studies: Artistic, Scientific and Scholarly Works**  
See an exhibit reflecting the richness and diversity of Deaf culture. *Second Floor*

**College Bowl Challenge**  
NTID’s College Bowl Team competes against the Alumni Association and other groups. *Rooms 1300/1310 10:30 a.m.-noon*

**Talking Heads/Signing Hands**  
A presentation of student Lizzie Sorkin’s video thesis. *First Floor*

**PEN International Summer Leadership Group**  
View materials created during the first Institute in 2006. *First Floor*

**PEPNet Northeast**  
Learn about one of four centers on postsecondary education for deaf or hard-of-hearing persons. *Second Floor*

**Research into the Interpreter’s Role**  
Learn about a survey exploring the perspectives of American Sign Language interpreters. *Second Floor*

**Deaf Health Research Behavior Survey**  
Check out a computerized health surveillance survey. *Second Floor*

**NTID Tech Symposium**  
A preview of an international symposium, at RIT June 23-25, 2008. *Second Floor*

**Frisina Quad**  
(Outside CSD Student Development Center, Building 55)

**Live Steam Locomotive**  
Students will demonstrate the steam locomotive they built.

**Radio-Controlled Blimps**  
See the blimp fly and watch video from a wireless camera mounted on one of these small airships.

**Lyndon B. Johnson Building**  
(Building 50, National Technical Institute for the Deaf)

**Del-Sign: A Theatrical Fusion of Cultures**  
Reading poetry and stories using a technique that bridges the deaf and hearing cultures helps improve social and presentational skills. *Room 2590*

**Can You Read My Lips?**  
Photographer uses wood, metals and paint. *Dyer Arts Center*

**Digital Arts and Animation Contest**  
Winning entries will be on display. *Ohringer Gallery*

**Teaching Writing with Manga Comics**  
Learn about visual instruction styled after the Japanese art form. *First Floor*

**ASL Video Dictionary and Inflection Guide**  
Check out the first and only product of its kind. *Halls, all floor*

**Visual and Auditory Coding of Speech**  
Check out technologies that increase access to speech, music and the surrounding environment. *Halls, all floors*

**Science Research Projects**  
Students show their award-winning research projects. *Science Tech Lab*

**Arson Experiment**  
Students will determine if a simulated fire was an act of arson. *Science Tech Lab*

**Three-Way Videoconferencing Session**  
See demonstrations involving multiple “access streams.” *First Floor*

**Student Honors Show**  
View work by NTID Arts and Imaging Studies students. *Ohringer Gallery*

**The Rochester Artech 2008 Digital Art Exhibition**  
Work by high school and college students, and amateur and professional artists is showcased. *Dyer Arts Center*

**Interpreting Classroom/Lab Tour**  
*Halls, all floors*

**Miniature Golf**  
Visitors learn about NTID while playing miniature golf. *Halls, all floors*
RIT Network Status Display
Visitors will observe a display showing all 65,000 RIT IP addresses. NSSA aisle

Rochester Digital Ripple
Learn about an organization that provides information technology experiences to Rochester youth. Atrium

Infusing Active Learning into Introductory Programming Courses
Learn about an innovative way of teaching. Room 2620

Team-Based Learning
See how an advanced programming course was transformed. Room 2620

Multi Touch Display
Check out a multi-touch display table created by students. Room 1610

Computer Science House Server Room
Learn about Computer Science House, a student organization. Atrium

Infosys
LED displays developed by Computer Science House. Third floor social area

Access Grid and Cluster on a Wall
Learn about activities at RIT’s Center for Advancing the Study of CyberInfrastructure. CASCI Lab

Accessible Lego Mindstorm Activities
Find out about innovative learning activities. Room 1620

Building Tools for Creative Practices
Find out about innovative activities in the college. Room 2620

Dynamic PET imaging
Learn about a medical imaging technique. CASCI Lab, CA room

Experience Painter
Room 2570

Fractured Images
Room 2570

GenJam
Professor Al Biles performs with his virtual jazz quartet. Atrium

Human Interactive Proofs
Learn about HIPs, a way to differentiate between humans and machines on the Internet. Room 3500

Immersive Multi-User Media Spaces
Artificial life forms swarm around you as you explore this exhibit. Room 2400

Interaction Design Showcase
See examples of current projects. Room 2620

New Media Capstone Showcase
Learn about new media and see examples of student work. Room 2620

Media Computing Projects in Java
See a showcase of projects. Room 3660

Parallel Java Library
See interactive demos. Room 3650

Autonomous Rooma Robots
Drive a computer-controlled robot. Atrium

SE Capstone Projects
See student work in software engineering. East hallway

Visualizations of BlogSpace
Check out the latest developments from the blogosphere. Atrium

Virtual Visual Piano
Room 2570

Network Auditing using RLES
Room 2130

Networking game support
Room 2330

Network Services
Room 2410

Network Simulations using OPNet
Room 2410

Network traffic generated by a sling box
Room 2160

Telesconferencing over the Internet
Atrium

Voice over IP telephony
Room 2330

Industrial Design Collaboration on Water Treatment system
Learn how rapid prototyping was used to investigate concepts for a third-world, family-based water system. Room 1170

Rapid Prototype
This unique tool transforms computer designs into models. Room 1170

Chester F. Carlson Center for Imaging Science
(Building 76)

Advanced Mathematical Approaches to Spectral Image Analysis
A display of posters will showcase a collaborative research project.

Flyover of Campus
RIT’s unique imaging science program will host an open house.

Louise Slaughter Building
(Building 78, Center for Integrated Manufacturing Studies)

Making the Hydrogen Economy a Reality
Check out four hydrogen-powered vehicles and learn about work at RIT’s Golisano Institute for Sustainability.

Third Generation Solar Cells
Solar cells will be shown. Photovoltaic Characterization Lab

Resource Conservation and Pollution Prevention through Remanufacturing
Learn about innovative, cost effective technologies.

Testing Innovative Products for a Sustainable World
Working with a local entrepreneur, RIT engineers have helped to commercialize a new type of railroad tie.

Product Life Extension Technologies
Engineers are studying an Navy A6 jet to find ways of improving the useful life of future designs.
Reverse Engineering Technologies
Come see scanning technologies that recover original designs, create part molds specifications and even recreate finished piece parts.

Choosing the Best Motor Oils
Did you ever wonder what type of motor oil is better: conventional or synthetic? Find out what RIT engineers have discovered.

OnStar – On Steroids!
See how remote sensing, monitoring, and feedback devices developed at RIT are being tested on several Marine Corp vehicles.

Keeping Components Out of the Landfill
See how technologies are developed and transformed into commercial equipment that diagnose product failures and predict the remaining life.

NanoPowered Solar Cells and Batteries
Learn about research on cutting-edge power devices.

Solar Cells: Renewable Energy and Space Power
See the unique suite of RIT capabilities used to measure solar cells and how student researchers are pioneering future products.

College of Applied Science and Technology Building
(Building 82)

Interactive Mini Golf Hole
This isn’t your everyday miniature golf game! Main lobby

Engaging Today’s Freshman in Abstract Theory
See a new approach to teaching circuit theory that produces tremendous results. Room 3125

Biodiesel for Farming Practices
Learn about environmentally friendly farming practices. Main lobby

IMAGINE Being An RIT Student

Bausch and Lomb Building
(Building 77)

RIT’s Division of Enrollment Management and Career Services will be presenting several hour-long programs related to preparing for college.

1. Paying for College
   11 a.m.

2. The Future of Work: Hot Jobs and the Skills Needed to Succeed
   Noon

3. Undergraduate Study at RIT
   1 p.m.

4. Graduate Study at RIT
   2 p.m.

5. Part-time and Online Study: Enhance Your Career Options
   3 p.m.

The Steel Bridge
Civil and mechanical engineering technology students join forces to construct a model bridge. Main Lobby

Hydrogen as a Fuel Source
Learn how a commercial device produces hydrogen from raw materials without electricity. Main lobby

E-Cycling Project
RIT’s Student Environmental Action League recycled 5 TONS of computers and peripherals at its Fifth Annual Electronics Recycling Day. Main lobby

Interactive Energy Monitoring Display
See a display illustrating the energy savings of Green Roof and Green Wall technology. Main entrance

RTIV
Real Time Interactive Television is a system that allows viewers to influence the outcome of an episode. Room 3145

The Joule Harvest Demonstration
Everyday devices can be recharged by reclaiming energy generated by exercise. Room 2128

DYNAMAC Biomed
See a new image processing algorithm that will be able to detect early stages of breast and lung cancers. Room 2125

Cleaning Contaminated Soil with Plants
Learn about Phytoremediation, which uses plants to remove toxic chemicals from soil or water. Main lobby

The Evolution of Innovative Practices in Facilities Management
Learn how RIT actively implements environmentally friendly technologies and practices in construction and maintenance of the buildings and grounds. Room 1125

Have a great time exploring campus today!

You will be sure to find a number of exciting exhibits not included in this program.
Thank you for making today a festive occasion.

Newton Falls Fine Paper Company donated the paper for the Imagine RIT program. 98# Commercial Matte made by Newton Falls Fine Paper Company. This paper contains 20% post-consumer waste fiber.