New master’s degree studies human-computer interaction

Relationship between ‘man and machine’ explored

Human–computer interaction, the study of design, evaluation and implemen-
tation of interactive computing systems to benefit the end user, is the fo-
cus of a new Master of Science degree offered through the B. Thomas
Gelosisano College of Computing and Information Sciences. The degree is
available either on-campus or online.

“Companies such as Google, Yahoo, Adobe and Oracle are looking for
people with in-depth knowledge and skills in developing comput-
ing systems that people will enjoy using and want to use,” says Emily
Rozanski, professor of information technology and a developer of the de-
gree program. “Companies have come to recognize the return on in-
vestment from adopting user-centered design and usability testing prac-
tices. Products with poor usability are costly in terms of errors, unfin-
ished tasks, frustration and safety.”

The curriculum for the degree includes studies in such complemen-
tary areas as software development, learning and knowledge manage-
ment, cognitive psychology, industrial design and game design. RIT first
offered a master’s concentration in human–computer interaction more
than five years ago.

Melissa Spike, a content producer at Fisher-Price, graduated from RIT in
2003 with an M.S. degree in information technology and a concentration in
human–computer interaction as well as learning and performance technol-
ogy and multimedia programming.

“From my classes in human fac-
tors and interface design, I learned
about the types of design principles that apply directly to my current job at Fisher-Price,” says Spike. “I work on some of the more
complex toys with speech and multiple modes of play, kid-friendly
electronic video games and personal computer software. With more and
more computers in homes and so much competition with Web sites and
social media, companies are starting to realize the need for graduates with
degrees in human–computer interaction.”

The degree requires completion of 52-credit hours and a capstone project
in which research will be completed in university labs, including the Usability
Testing Laboratory and labs within

RIT Press has published Moments of Truth—Robert R. Davila: The Story
of a Deaf Leader, a biography of the National Technical Institute for
the Deaf’s first deaf chief executive officer, who overcame poverty to be-
come a national leader in education and a role model for Hispanic youth.

Davila, the first deaf Hispanic
to earn a doctorate degree, became
CEO of NTID in 1996, a position he
held until his retirement in 2004. Al-
bert Simone, who was RIT president
and CEO of NTID in 1996, a position he
from Texas, Connecticut, Rhode Island,
Ohio and all over New York state—
all on a moment’s notice:
They were there to watch one of
their own, New York Giants head
coach and former RIT Tigers head
football coach Tom Coughlin, reach
the pinnacle of the football world.
And they didn’t leave disappointed.

Coughlin led the Giants to a 17-14
victory over the previously unbeaten
New England Patriots in Super Bowl
XLII, a win that some pundits are
calling the greatest upset in Super
Bowl history.

As the final seconds ticked off the
clock in Glendale, Ariz., the Redskins
was filled with cheers and tears.
“We all went crazy. There wasn’t
a dry eye in the place,” says McCabe,
who played linebacker and defensive end for Coughlin from 1972-1973.
“We all looked at each other and
said, ‘From RIT to the Super Bowl!’ We were the team that
he started with and we were there to
celebrate it together.”

Coughlin’s RIT connection made
national news in the week leading
up to the Super Bowl. It was featured
in newspapers such as The New York
Times, Newsday and Chicago Tribune.

New York Giants football coach Tom Coughlin, who coached his team to victory Feb. 3 in Super Bowl XLII, began his head coaching career with the RIT Tigers from 1970-1973, compiling a 16-32-2 record. Pictured is Coughlin, second from right, with his coaching staff, from left, Gary Fredericks, Greg Conant, Bud Vines and Russ Romans.

NTID alumni make Super Bowl pre-game appearance

RIT alumnus makes Super Bowl pre-game appearance

Former RIT/NTID student who studied at the School of Film and Animation, was a

We’re going to miss the kick-off!

Photo courtesy of Pepsi

Former student from the RIT National Technical Institute for the Deaf
were featured in a Pepsi commercial during the Super Bowl pre-game show
Feb. 3. ‘We were the team that
he started with and we were there to
celebrate it together.’

Coughlin’s RIT connection made
national news in the week leading
up to the Super Bowl. It was featured
in newspapers such as The New York
Times, Newsday and Chicago Tribune.

Former RIT/NTID student who studied at the School of Film and Animation, was a

We’re going to miss the kick-off!

Photo courtesy of Pepsi

Former student from the RIT National Technical Institute for the Deaf
were featured in a Pepsi commercial during the Super Bowl pre-game show
Feb. 3. ‘We were the team that
he started with and we were there to
celebrate it together.’

Coughlin’s RIT connection made
national news in the week leading
up to the Super Bowl. It was featured
in newspapers such as The New York
Times, Newsday and Chicago Tribune.
News & Events goes ‘green’ News e-Events is now being printed on 100 percent recycled paper resulting in favorable effects on our environment. For the 16 issues of News e-Events produced each year: • 78.34 trees will be saved • 3,482 pounds of solid waste will not be generated • 7,249 pounds of green-house gases will be prevented

Historian to speak Feb. 7 Martin Melosi, Distinguished University Professor at the University of Houston, will be speaking at 4 p.m. Feb. 7 in the Chester F. Carlson Center for Imaging Science auditorium. A reception will follow in the atrium. A global authority on pollution, urban technology and planning, Melosi is author and editor of books ranging from environmental history to public history and policy. His lecture will examine the rise and meaning of sanitary engineering and public policy initiatives in American cities during the late 19th and early 20th centuries.

PI reception Feb. 21 RIT’s Office of the Provost sponsors its annual salute to faculty and staff engaged in sponsored research. The 2007 PI Reception, which recognizes principal investigators who submitted and won grants last year, will be held at 3:30 p.m. Feb. 21 in the B. Thomas Golisano College of Computing and Information Sciences auditorium. Contact Kelly Evinsky at 475-7983 or keevers@rit.edu.

Jazz performance Feb. 23 The RIT Music Program will present a concert featuring the RIT Jazz Ensemble and the New Energy Jazz Orchestra at 3 p.m. Feb. 23 in theapple Auditorium, Student Alumni Union. The New Energy Jazz Orchestra is a professional group, co-led by RIT music professors Jonathan Kruger and Cari Atkins. The RIT Jazz Ensemble, directed by Jon Kruger, will open the concert, performing several works, and will be joined by members of New Energy to perform a final piece. The New Energy Jazz Orchestra will play original compositions by Kruger, Atkins, and trombonist Dave Gibson, from its new CD, Sands of Time. The event is free and open to the public. For more information, contact Atkins at 475-4439.

Communication honors The Department of Communication in the College of Liberal Arts was selected by the National Communication Association as a recipient of the 2007 Rex Mix Program of Excellence Award, which honors innovation and commitment to position the field of communication as indispensable in a technological world. The department was commended specifically for “using superior instruction, pioneering research and practical application evaluated through clear assessment methodology.” RIT and Wake Forest University were selected to receive the award from a national pool of nominees.

Bevier Gallery welcomes Finger Lakes exhibitors Bill Stephens is an art teacher at Webster Schroeder High School, and during his 32-year tenure, he has seen a lot of talent pass through his classroom. Right now he has 20 students in his Advanced Placement Portfolio Class, three of whom will be showcasing their work in a February exhibition at RIT.

“Art has changed with the advances in technology because more reference materials are available to artists,” explains Stephens, who received his Masters of Science in teaching from RIT in 1974. “For instance, a student who wishes to paint a self-portrait can study their images taken with a digital camera instead of looking into the mirror. Photoshop is like a paintbrush where you can alter or modify the image to enhance quality.” Middle- and high-school students from Webster Schroeder to Rush-Henrietta to Wayland-Cohocton and beyond will be participating in RIT’s Finger Lakes Finge R Lakes Regional Exhibition, which runs through Feb. 27 at RIT’s Bevier Gallery.

“The are the Rodins, Picassos and Spilling the borough,” says assistant dean Deb Kingsbury, from RIT’s College of Imaging Arts and Sciences, which is hosting the event. “It’s important to recognize and encourage the talent of these emerging artists and to salute their very dedicated teachers.” For more information, call the Bevier Gallery at 475-2466. • Marcia Murphy | mmpmurphy@rit.edu

Honing the legacy of Martin Luther King Jr.

“Wow. Such an experience the students and I will never forget,” is all Professor Willie Osterman can say about his three-month sojourn to Dubrovnik, Croatia, with a dozen students from RIT’s School of Photography, Arts and Sciences. Their study abroad experience last spring was part of a six-credit photography course documenting the culture, food and people of Croatia. It also meant participation in the making of RIT’s 23rd Big Shot, where the students helped illuminate the historic city wall of Dubrovnik with camera flash units for the acclaimed “painting with light” project.

The students and Osterman’s spectacular images will be showcased in a Gallery r exhibition, “Photography in Dubrovnik,” which runs Feb. 14 through March 13, with an opening reception scheduled from 7 to 9:30 p.m. on Friday, Feb. 15.

Although the students attended six hours of weekly photo-session classes at RIT’s “sister school” in Croatia, “The American College of Modern Art in Dubrovnik to bus excursions in Bosnia and Sarajevo, Osterman explains.

Besides capturing the essence of the city, the students were required to further submerge themselves in the culture by creating a portrait of someone “local” in the community. “I also asked the students to create a documentary of something that they would miss once they were gone,” Osterman says. “This idea was based around documenting what has become familiar and soon would be lost: the architecture, the apartment, the walk to the college, new friends. . . . It was a very meaningful assignment and the results were excellent. We’ll be displaying some of them during our exhibition at Gallery r.”

For more information on Photography in Dubrovnik, call Gallery r at 424-9470 or visit cias.rit.edu/gallery. • Marcia Murphy | mmpmurphy@rit.edu

An RIT multidisciplinary senior design team, pictured at right, was featured in a clue that appeared on the nationally syndicated game show Jeopardy! last month. The team was filmed by a Jeopardy! crew at the Environmental Protection Agency's Psi conference in Washington, D.C., last April. A solar-powered pasteurizer, the student’s team project, was featured as the $2,000 clue in a Double Jeopardy! category devoted to the Psi conference.

'‘This is Jeopardy!'’

Submitted photo

Students in the College of Imaging Arts and Sciences are helping a fellow student recover his art supplies destroyed in the fire off-campus last November. The Dollar and a Dream Fund hopes to raise $1,000 for Michael DiCocco, a fourth-year industrial design major, one of the RIT students who survived the house fire on Upton Park.

Collection boxes are located in the CSAS department offices, the Dean’s office, Co-op and Career Services and Student Services.

“T my roommates and I just want to say thank everyone in the RIT community for their generosity and con- cern,” says DiCocco. “We are settling into our new daily routines. ”

Webster Schroeder High School, Henrietta to Wayland-Cohocton and beyond will be participating in RIT’s Finger Lakes Regional Exhibition, which runs through Feb. 27 at RIT’s Bevier Gallery. They are the Rodins, Picassos and Spilling the borough,” says assistant dean Deb Kingsbury, from RIT’s College of Imaging Arts and Sciences, which is hosting the event. “It’s important to recognize and encourage the talent of these emerging artists and to salute their very dedicated teachers.” For more information, call the Bevier Gallery at 475-2466.

Submitted photo

For more information, call the Bevier Gallery at 475-2466. • Marcia Murphy | mmpmurphy@rit.edu

Funding efforts will help victims of fire Students in the College of Imaging Arts and Sciences are helping a fellow student recover his art supplies destroyed in the fire off-campus last November. The Dollar and a Dream Fund hopes to raise $1,000 for Michael DiCocco, a fourth-year industrial design major, one of the RIT students who survived the house fire on Upton Park.

Collection boxes are located in the CSAS department offices, the Dean’s office, Co-op and Career Services and Student Services.

“We are settling into our new daily routines. ”

The Seth Policzer-Syed Ali Turab Endowed Memorial Fund has been created to honor the memory of Seth Policzer and Syed Ali Turab, two RIT students who lost their lives in a fatal house fire on a Rochester neighbor- hood in November.

The fund is established to provide student financial assistance for non- tuition related expenses including academic supplies such as books and technology needs.

To make a gift, visit www.rit.edu/makegift or call (800) 477-0578.

Submitted photo

Students in the College of Imaging Arts and Sciences are helping a fellow student recover his art supplies destroyed in the fire off-campus last November. The Dollar and a Dream Fund hopes to raise $1,000 for Michael DiCocco, a fourth-year industrial design major, one of the RIT students who survived the house fire on Upton Park.

Collection boxes are located in the CSAS department offices, the Dean’s office, Co-op and Career Services and Student Services.

“We are settling into our new daily routines. ”

The Seth Policzer-Syed Ali Turab Endowed Memorial Fund has been created to honor the memory of Seth Policzer and Syed Ali Turab, two RIT students who lost their lives in a fatal house fire on a Rochester neighbor- hood in November.

The fund is established to provide student financial assistance for non- tuition related expenses including academic supplies such as books and technology needs.

To make a gift, visit www.rit.edu/makegift or call (800) 477-0578.

Submitted photo

Students in the College of Imaging Arts and Sciences are helping a fellow student recover his art supplies destroyed in the fire off-campus last November. The Dollar and a Dream Fund hopes to raise $1,000 for Michael DiCocco, a fourth-year industrial design major, one of the RIT students who survived the house fire on Upton Park.

Collection boxes are located in the CSAS department offices, the Dean’s office, Co-op and Career Services and Student Services.

“We are settling into our new daily routines. ”

The Seth Policzer-Syed Ali Turab Endowed Memorial Fund has been created to honor the memory of Seth Policzer and Syed Ali Turab, two RIT students who lost their lives in a fatal house fire on a Rochester neighbor- hood in November.

The fund is established to provide student financial assistance for non- tuition related expenses including academic supplies such as books and technology needs.

To make a gift, visit www.rit.edu/makegift or call (800) 477-0578.
B ernie Boston ’35, the photo-
journalist who twice was
honored as a Pulitzer Prize
nominee, died on Jan. 22, at his
home in Brye, Va.
Throughout his 40-plus year ca-
reer, Boston instinctively understood
that photographic reportage was
synonymous with picturing history.
As a young staff photographer with
The Washington Star in the late
1960s, he was dispatched to capture
the personalities and events of the Civil Rights and Vietnam War
movements. His memorable images
gave voice to an important period
in American history, including
portraits of civil rights leader Martin
Luther King Jr., his wife Coretta
Scott King, and the Poor People’s
Campaign marchers.
While attending an anti-war
demonstration outside the Penta-
lon in 1967, Boston seized upon
a dramatic scene of a standoff
between a rifle-bearing National Guard
detail and youthful activists with flowers.
He once remarked, “I knew I had a
good picture.” The resulting “good
picture,” known as Flower Power,
is today considered a cultural icon,
a pictorial touchstone of young
Americans’ newfound influence
in shaping political and social opinion.
For much of his career, Boston served
as a White House photographer,
first with the Washington Star
and later for the Los Angeles Times.
He photographed every seated presi-
dent from Lyndon Johnson to Bill
Clinton, providing an insider’s view of
the momentous and everyday events informing a president’s tenure
in office. But as a photojournalist,
Boston concerned himself with
more than the politically famous
and socially influential. Upon retirement in
1993, he, along with wife, Peggy,
bought and operated a regional
Virginia newspaper, the Bryce
Mountains Courier. As a photographer and
photographer of the people, the small town
rhythms of the rural community
in the Shenandoah Mountains
attracted his attention.
Whether it was the national or
local stage, Boston was the consum-
matphotographer, eager “to tell” a story by capturing its most
crucial human element, as in Flower Power.
Sympathetic to his vision, he was always enthus-
astic to share his experiences and
knowledge with others, especially
students and faculty in RIT’s School
of Photographic Arts and Sciences.
Few who met Boston will ever forget
his boisterous laughter and love of
spinning a tale; his ever-present
cowboy boots and the camera slung
down over one shoulder, always at the ready.
He lived a life filled with passion for
pictures and for the ways in which
pictures can inform and inspire
life itself.
An archive of his distinguished
work, established by Boston and his wife, Peggy,
at the RIT Archive Collections in 2006, serves as
monument and encouragement to
succeeding generations of photogra-
phers for whom pictorial journalism
is a significant form of enduring
cultural and human expression.
Mulligan is a professor in RIT’s School
of Photographic Arts and
director of SPAS Gallery.

RIT’s ‘great debaters’

Hans-Peter Bischof brings
black holes into view in
mini-movies that
translate complex
astrophysical research into
cartoon-like animation.
Bischof, associate professor of
computer science in the B. Thomas
Golisano College of Computing and
Information Sciences, works closely with his colleagues at the Center for
Computational Relativity and Gravi-
tation to illustrate the computer code
developed to simulate various black
hole scenarios. The center, located in the
School of Mathematical Sciences
in the College of Sciences, explores
Einstein’s theory of general relativity
using supercomputers to simulate
black hole mergers and resulting
gravity waves.
“The science done at the Cen-
ter for Computational Relativity
and Gravitation is very difficult to
even explain to the general public,”
Bischof says. “A mini-movie is one way
to capture the essence and let it speak for itself. This is one way to show
what kind of work is executed at the Center for Computational Relativity
and Gravitation.”

Gurcharan Khanna, RIT’s director of
effort recently surpassed its goal
of 1,000 computing cores. The Condor
pool includes more than 900
computing cores by tapping into
unused computing cycles at RIT.
Condor 1000 opens research
opportunities for students,
including running multiuser
computing on campus when they’re
not being used. In many cases, those
opportunities occur spontaneously.
“Multiplying the power of a single
desktop computer by 1,000 or
more is tremendous,” said Khanna.
Computing capacity and
extends the boundaries of research problems
are among the challenges
that can be overcome,” says
Gucharan Khanna, RIT’s director of
research computing. “Essentially, this is
a campus computing grid.
Certain types of computer
problems are ideal for the Condor
environment. These problems can be
separated into hundreds or
thousands of little jobs that run
independently for a specific
result. This type of computing
can be aggregated at the end. The ability
to do this at relatively little cost is
another of the benefits of Condor.”
The RIT Condor pool continues to
grow as additional departments
grant access to their computing
resources. For more information,
visit rc.rit.edu/condor1000.

RIT faculty, staff and alumni
are $8 for RIT students, $12 for
RIT faculty, staff and alumni
and $15 for general public.
Tickets are $8 for RIT students,
$12 for RIT faculty, staff and
students and $15 for the general public.

SportsZone ‘best of show’
RIT SportZone received a
Platinum Best of Show award at the
2007 Aurora Awards for
the treasure trove of graphics
and design. The annual Aurora
Awards honor excellence in
televised programming by
college and professional
groups. In addition to
the Platinum award, SportZone received
two Gold awards,
signifying second place in the
categories of sports production
and direction.

Condor 1000 taps
unused resources

RIT hosted a mock presidential debate
week prior to Super Tuesday—the
day of primaries on Feb. 5—featuring
representatives from two of the 2008 presidential candidates.
Broadcast Supervisor Sandra Fran-
kel, shown above at left, represented Sen.
Hillary Clinton’s campaign; and
University of Rochester student John Pettito, second at left, deputed on behalf
of Sen. Barack Obama. Members of the RIT Debate Team—shown above
from left to right, Matthew Colaprete, Kevin Tierney, Chris Trainell and
Pat Ryan—stood in for the various Republican campaigns, all of which
declined the invitation to attend. RIT students from Public
Policy, taught by William Johnson Jr., distinguished professor of public
policy, asked hard questions about health care reform, offshore outsourcing, the war
in Iraq, education and campaign funding.

Best of the best

RITPortrait of Bernie Boston with his iconic photograph, Flower Power, in the background.

A tribute to photographer and alumnu Bernie Boston by Thershe Mulligan

Raw text start

Black hole ‘mini-movies’ help bring phenomena into view

Hans-Peter Bischof brings
black holes into view in
mini-movies that
translate complex
astrophysical research into
cartoon-like animation.
Bischof, associate professor of
computer science in the B. Thomas
Golisano College of Computing and
Information Sciences, works closely with his colleagues at the Center for
Computational Relativity and Gravi-
tation to illustrate the computer code
developed to simulate various black
hole scenarios. The center, located in the
School of Mathematical Sciences
in the College of Sciences, explores
Einstein’s theory of general relativity
using supercomputers to simulate
black hole mergers and resulting
gravity waves.
“The science done at the Cen-
ter for Computational Relativity
and Gravitation is very difficult to
even explain to the general public,”
Bischof says. “A mini-movie is one way
to capture the essence and let it speak for itself. This is one way to show
what kind of work is executed at the Center for Computational Relativity
and Gravitation.”

Gurcharan Khanna, RIT’s director of
effort recently surpassed its goal
of 1,000 computing cores. The Condor
pool includes more than 900
computing cores by tapping into
unused computing cycles at RIT.
Condor 1000 opens research
opportunities for students,
including running multiuser
computing on campus when they’re
not being used. In many cases, those
opportunities occur spontaneously.
“Multiplying the power of a single
desktop computer by 1,000 or
more is tremendous,” said Khanna.
Computing capacity and
extends the boundaries of research problems
are among the challenges
that can be overcome,” says
Gucharan Khanna, RIT’s director of
research computing. “Essentially, this is
a campus computing grid.
Certain types of computer
problems are ideal for the Condor
environment. These problems can be
separated into hundreds or
thousands of little jobs that run
independently for a specific
result. This type of computing
can be aggregated at the end. The ability
to do this at relatively little cost is
another of the benefits of Condor.”
The RIT Condor pool continues to
grow as additional departments
grant access to their computing
resources. For more information,
visit rc.rit.edu/condor1000.

RIT Portrait of Bernie Boston with his iconic photograph, Flower Power, in the background.

A tribute to photographer and alumnu Bernie Boston by Thershe Mulligan

Raw text start
Dyeing for attention

number of web pages, anyways.