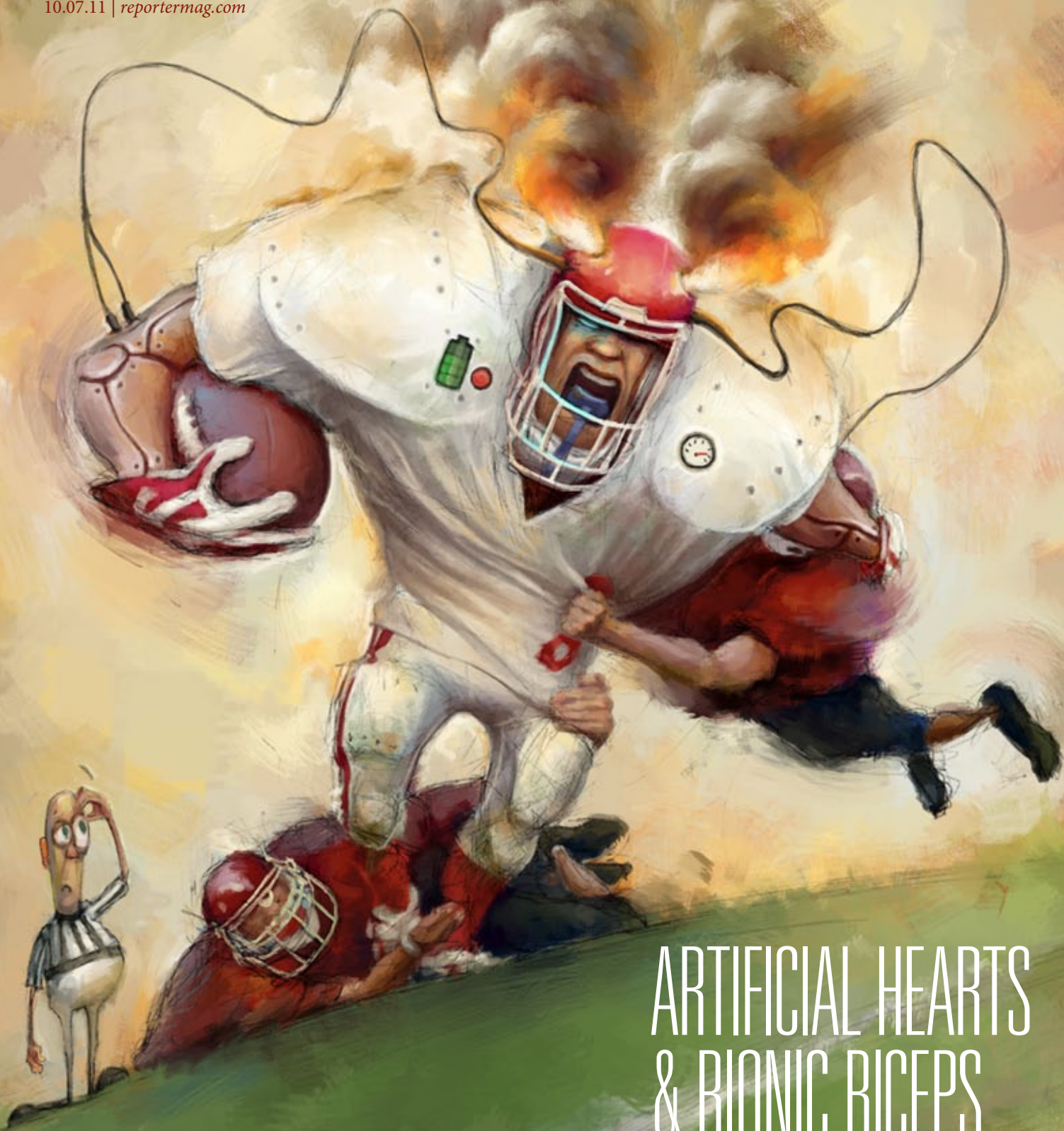


REPORTER

10.07.11 | reportermag.com



ARTIFICIAL HEARTS & BIONIC BICEPS

Medical Implants and Society

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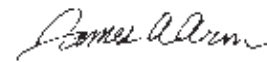
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Apologies

If you're anything like me, your first response to another person's unhappiness is to apologize. Whether their problem lies with something you did, or something completely beyond your control, an apology is always a good place to start. If you've hurt someone's feelings, forgotten a meeting or blown off an assignment, you can always turn to the apology to get you out of trouble. If someone around you is suffering, your words of condolence and regret can work small miracles. The apology really is a useful device, good for getting you out of all sorts of sticky situations. If you couple it with an expression of deep sincerity its effectiveness increases twofold.

But what good is an apology if it's not accompanied by action? What's the purpose of begging forgiveness if you never do anything to change what you're apologizing for? What's the point of your sympathetic words if they're followed by apathetic action? An apology without a follow-through might make everyone feel better in the short term, but in the scheme of things it accomplishes very little. It's a waste of time, a waste of breath and built up over time, it can lead to some pretty nasty confrontations of its own. No one likes the chronic apologizer who never steps forward to change that which they are apologizing for.

It's easy to say we're sorry. We say it all the time, but how often do we really mean it? How often are we willing to do anything to change the situation so we don't need to say it again? Are we sorry for the family of Troy Davis who was executed in our name by the state of Georgia last week, despite dubious evidence of his guilt? (See "Too Much Doubt?" page 29.) Are we sorry for people like Luticha Doucette who struggle to get around in wheelchairs in a world built for the biped? (See "A Voice for Others" on page 20.) My guess is that we are sorry for these people, and for others like them. But being sorry is easy. What are we going to do about it?



James Arn

EDITOR IN CHIEF

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TABLE OF CONTENTS

10.07.11 | VOLUME 61 | ISSUE 06



Brittany McCordy, a first year Engineering Exploration major, falls over a log from a leg shot by Dan Fenton, fourth year Computer Engineering major, the Senior RA for Residence Halls A, B and C. The pillow fight was hosted by the Center for Residence Life on the Greek Lawn, Thursday, September 29th, 2011. | photograph by Jonathan Foster

NEWS

4. News Desk

A look inside your dreams.

6. Carbon Free RIT:

What does it mean?

LEISURE

9. At Your Leisure

More than just singing in the rain.

11. Reviews

Time to get your Quelf on.

12. The Great Coffee Challenge

Who brews it best?

FEATURES

16. Artificial Hearts & Bionic Biceps

Medical implants and society.

20. A Voice for Others: Luticha Doucette

Ms. Wheelchair New York on RIT accessibility.

SPORTS

23. Pushing the Pedals with RIT's Bicycling Club

Tearing the trails and fixing your wheels.

24. Back to Business

The Tigers kick off the hockey season.

VIEWS

26. Word on the Street

What's the only thing better than coffee?

29. Too Much Doubt?

What Troy Davis means to you.

31. Rings

Spoonfuls of irony.

cover illustration by Zac Retz



SCIENTISTS VISUALIZE DREAMS

Neuroscientists at the University of California at Berkley have found a way to isolate visual activity in the human brain and reconstruct it as a form of video that could be used to record dreams. According to one of the scientists, Jack Gallant, “This is a major leap toward reconstructing internal imagery. We are opening a window into the movies in our minds.” Gallant is also a co-author of the research, which was published on September 22 in the science journal “Current Biology.”

CERN INSTITUTE POTENTIALLY UNSEATS EINSTEIN’S THEORY

The European Organization for Nuclear Research (CERN), one of the world’s most respected centers for scientific study, announced the results of an experiment on September 22 that could possibly disprove Einstein’s theory of relativity. Physicists at CERN claim to have tracked a sub-atomic particle known as a neutrino moving faster than the speed of light. According to the theory of relativity, it is impossible to move faster than the speed of light.

The claims were met with a great deal of skepticism from the scientific community. “This is ridiculous, what they’re putting out,” says Drew Baden, the chairman of the physics department at the University of Maryland. CERN tested its results for months to make sure that the experiment was performed correctly, and found that the particle, which was shot from Geneva, Switzerland to L’Aquila, Italy, arrived 60 nanoseconds sooner than the speed of light would predict. The margin of error was calculated at just 10 nanoseconds.

It is still possible that there was some unseen error in the experiment, and CERN is actively looking for other institutes to review their findings to determine if anything was overlooked.

Test subjects were placed in a functional MRI system and shown two different groups of Hollywood movie trailers. The fMRI recorded the flow of blood through the visual cortex over the course of several hours. These readings were then fed into a computer, which “learned” what visual activity on the screen corresponded to what type of brain activity. The computer then analyzed 18 million one-second YouTube clips and selected the clips that most closely matched the brain activity they recorded. With a large enough database and enough computing power, it becomes theoretically possible to construct any image the brain registers.

COLORADO CANTALOUPE SPARKS DEADLY OUTBREAK

The bacterium *Listeria* is responsible for an outbreak of contaminated cantaloupe from the state of Colorado. *Listeria*, which thrives in refrigerated fruits, has been responsible for 13 deaths and 72 illnesses, according to the federal Centers for Disease Control and Prevention in Atlanta, Ga. The same germ was responsible for a September 29 recall of chopped romaine lettuce from California.

Though the infected cantaloupe was tracked to a specific farm in Colorado, it is impossible to determine how far that farm’s fruit was distributed. The last shipment went out on September 10. The CDC cautions that if a store or restaurant can’t tell you when they received their cantaloupe, it is best to avoid it. “When in doubt, throw it out,” says a representative from the CDC. The Centers also suggests that you clean any container used to store cantaloupe in the last month, including refrigerator drawers.

Despite this new outbreak, Cornell University food scientist Robert Gravani reminds, “A gazillion pounds of produce are consumed every day, and only a small fraction cause problems.”

SG UPDATE: WEEKEND BUS TRIAL IN WORKS

by James Arn

At the Friday, September 30 meeting of the Student Government Senate, Randy Vercauteran, director of Parking, Transportation and Building Services, brought forth a proposal to begin a pilot program for an additional weekend bus to service the campus. The trial, which would last from January to May 2012, would run for five hours on either Saturday or Sunday and cost roughly \$20,000.

The exact schedule and destination of the bus is still up for discussion, though Vercauteran suggested three potential destinations: Eastview Mall, Pittsford Plaza or Rochester’s East End. If the bus were to go downtown, it would likely be scheduled to run between 9 p.m. and 2 a.m. to allow students to safely take advantage of the nightlife opportunities in the city.

Tristan Wright, the representative from OUTspoken, pointed out that it is possible to take buses to the other potential locations from the East End. A straw poll of the senate showed 23 votes in favor of the East End route with one vote for Eastview Mall, two for a rotating schedule and one abstention. The senate’s final decision on the matter will be made at the October 7 meeting.

CRIME WATCH: SEPTEMBER 2011

by Ali Coladonato

Tuesday 13

Colony Manor Drive. 2:30 p.m. Students stole a BB gun from another student. The case was referred to the Office of Student Conduct.

Saturday 17

Frank Ritter Ice Arena (RIA, 02). Between 7:54 and 8:55 p.m. A staff member reported being harassed by an unknown individual at a Youth Hockey Game. Non-members left the area. The case is closed.

Saturday 17

Colony Manor. 9:20 p.m. An unknown person threw a beer bottle at an apartment, breaking a window. This case is closed, pending new leads or information.

Monday 19

Grace Watson Hall (GWH, 25) 2 p.m. Unknown person(s) removed a couch from a lobby area. The investigation is closed, pending new leads or information.

Wednesday 21

Public Safety Office. Since August 20, a student has been harassing

another student via letters. The investigation continues.

Saturday 24

Golisano Hall (GOL, 70). 4:11 p.m. Public Safety apprehended a student attempting to steal a projector. The investigation continues.

Saturday 24

Grace Watson Hall (GWH, 25). Between 12 and 11:05 a.m. the following Tuesday, a student reported that unauthorized purchases had been made with his missing ID card. After further investigation, it was determined that a student accidentally used his friend’s ID. The money was reimbursed to the student. The case is closed.

Monday 26

Riverknoll Apartments. Between 8 p.m. and 3:15 a.m. the following day, unknown person(s) stole a motorcycle from a parking lot. The investigation continues.

FORECAST

compiled by Christina Belisle

Skate with the Tigers

07

FRIDAY

Frank Ritter Ice Arena (RIA, 02). 6:45 – 8:45 p.m. Come spend an evening on the ice with our only NCAA Division I team! Get to know the men’s hockey crew better, and maybe pick up some skating tips too!
Cost: \$5.

The Main Street Armory Presents: Primus

08

SATURDAY

900 East Main Street. 8:30 p.m. An American funk rock band formed in 1984, they’re best known for writing the theme song to “South Park.”
Cost: \$38.50 – \$45

The Fine Art of Airigami: Once Upon a Time

09

SUNDAY

The Strong Museum of Play, 1 Manhattan Square. 12 – 5 p.m. Airigami, or the art of “folding air,” consists of complex sculptures made of balloons. An art exhibit of such sculptures will be in Rochester for a limited time only.
Cost: \$10 – \$12

Discover RIT

10

MONDAY

Tiger Statue. 11 a.m. – 2 p.m. Come learn about Native American culture from this event hosted by the Native American Student Association. Performances and crafts will be showcased.
Cost: Free.

College Radio Day with WITR

11

TUESDAY

Tiger Statue. 12 – 4 p.m. Celebrate College Radio Day with RIT’s own WITR! Get your own WITR t-shirt to improve your RIT shirt collection, and grab some bumper stickers and CDs as well.
Cost: Some space in your closet.

No Voice Zone

12

WEDNESDAY

SDC 1300 in the CSD Student Development Center. (CSD, 55) 10 – 11 p.m. An hour of learning ASL and deaf culture taught to students by students. Each week’s meeting is different, with presenters, movies, games and more!
Cost: An open mind.

Just Press Play Launch

13

THURSDAY

Golisano Hall Atrium (GOL, 70). 4 – 5 p.m. Witness the launch of the School of Interactive Games and Media’s Just Press Play achievement system. President William Destler, Provost Jeremy Haefner and IGM Founding Director Andrew Phelps are expected to speak. Get ready to get your game on!
Cost: Free.

CARBON FREE RIT: What Does it Mean?

by Alex Rogala / illustration by Adrian Yablin

Deep within the RIT infrastructure, many inefficiencies lurk unnoticed. A 40-year-old heating system clatters on, days away from another breakdown. Late in the night, a fluorescent tube flickers softly in an abandoned hallway. While easy to dismiss as merely a drop in the bucket, each tiny inefficiency adds up to a staggering sum. However, a team of workers spanning the entire RIT administration has gathered to tackle this waste.

On September 17, RIT announced the release of a Climate Action plan, a 42-page document detailing RIT's plans for achieving carbon neutrality by 2030. It was compiled as a part of the American College and University Presidents' Climate Commitment, a consortium of 670 colleges and universities dedicated to fighting climate change.

Orders From the Top

Carbon neutrality, the practice of offsetting certain carbon emissions by either eliminating or purchasing credit for them, has become a focal point in the past decade's global climate change discussions. By working to implement sustainable practices, carbon neutral organizations aim to counter their own greenhouse gas emissions. The commitment was founded in 2007 to encourage university involvement after scientists estimated that emissions had to be reduced 80 percent by 2050.

According to Dr. James Watters, senior vice president of Finance and Administration, President William Destler was instrumental in getting RIT involved with the commitment. "It really starts with the president [setting] the tone at the top," said Watters. "He was a major driver in the position of the university."

RIT's plan was compiled by a Climate Task Force comprised of six co-chairs from across the Institute. Following a detailed study of RIT's carbon emissions, the task force assessed the source, and each co-chair established measurable goals to reduce it.

In choosing a deadline of 2030, the task force allocated time for more in-depth plans to be developed. "It's a massive undertaking," said Watters. "It will take technologies that aren't even yet discovered for us to get there."

Breaking it Down

The plan will encompass all RIT-owned properties, including those not directly on campus, such as the observatory, boathouse and Venture Creations, RIT's business incubator. In fact, the scope of RIT's carbon neutrality footprint extends beyond university grounds, covering even plane and taxi rides during business trips. Dealing externally, Watters explained that there's a high potential to make an environmental impact, reinforcing the importance of asking, "Are we buying things from huge distances ... or are you buying [locally], where the transportation expense is much less and there's far less carbon footprint...?"

Some of the plan's objectives are already underway. Food service, for example, has already started using biodegradable packaging, such as the lids on take-away food. Said Watters, "They're actually made from a corn cellulose material; they're not plastic." Similarly, all new construction projects, including the Golisano Institute for Sustainability that is currently under construction, will be LEED certified, signifying their status as green, energy-saving buildings.

For the committee, other goals came as a surprise. In particular, the report details commuting — for faculty, staff and students — as

one of the largest individual contributors to RIT's carbon footprint. "We have over 10,500 parking spaces on campus, and they're filled everyday," said Watters. He stated that the task force is developing a university telecommuting policy, and is considering additional changes to work schedules to reduce transportation emissions.

Fiscally Responsible Planning

The program's benefits are not entirely karmic. While the program will help RIT achieve carbon neutrality, it also saves the Institute money. Watters pointed to a recent order of 2,000 LED lights for hallways, saying, "There is a period where these lights will actually pay for themselves and save the university money."

Watters also referred a 2009 project to replace the Institute's heating and cooling system as an example of green frugality. During the project, over 100 pieces of antiquated heating and cooling equipment were replaced with newer, more efficient units. Per Watters, "Something that's 40 years old, you're fixing it ... a lot more than you are something that's brand new."

Departmental Goals *Adapted from RIT's 2011 Climate Action Plan*

In the 42 pages of RIT's Climate Task Force's Climate Action Plan, co-chairs of six different departments developed specific plans to achieve carbon neutrality. The following is a brief excerpt from each group's goals.

Recycling

- *Work to recycle over 50 percent of campus waste.
- *Develop a campus-wide recycling contest.
- *Create a campus recycling bin map.

Grounds

- *Replace gas powered equipment with lower emission alternatives.
- *Reduce use of nitrogen-based fertilizers.

Facility Operations

- * Plan new construction and renovation projects to LEED standards.
- * Develop a replacement vehicle policy using green fuel vehicles.

Transportation

- *Encourage the use of low-energy vehicles, such as hybrids.
- *Develop a bike infrastructure.
- *Develop cost-effective commuter options and bus route alternatives.
- *Develop incentives for shared rides.

Purchasing

- *Develop sustainable purchasing policy.
- *Encourage swaps and resale of supplies.
- *Develop Energy Star compliant computer configurations.
- *Schedule routine electronic waste disposal.

Food Service

- *Investigate the purchase of recyclable dishware, utensils and packaging.
- *Improve water usage by food service locations.
- *Work towards recycling cooking oil.
- *Develop a compost policy.

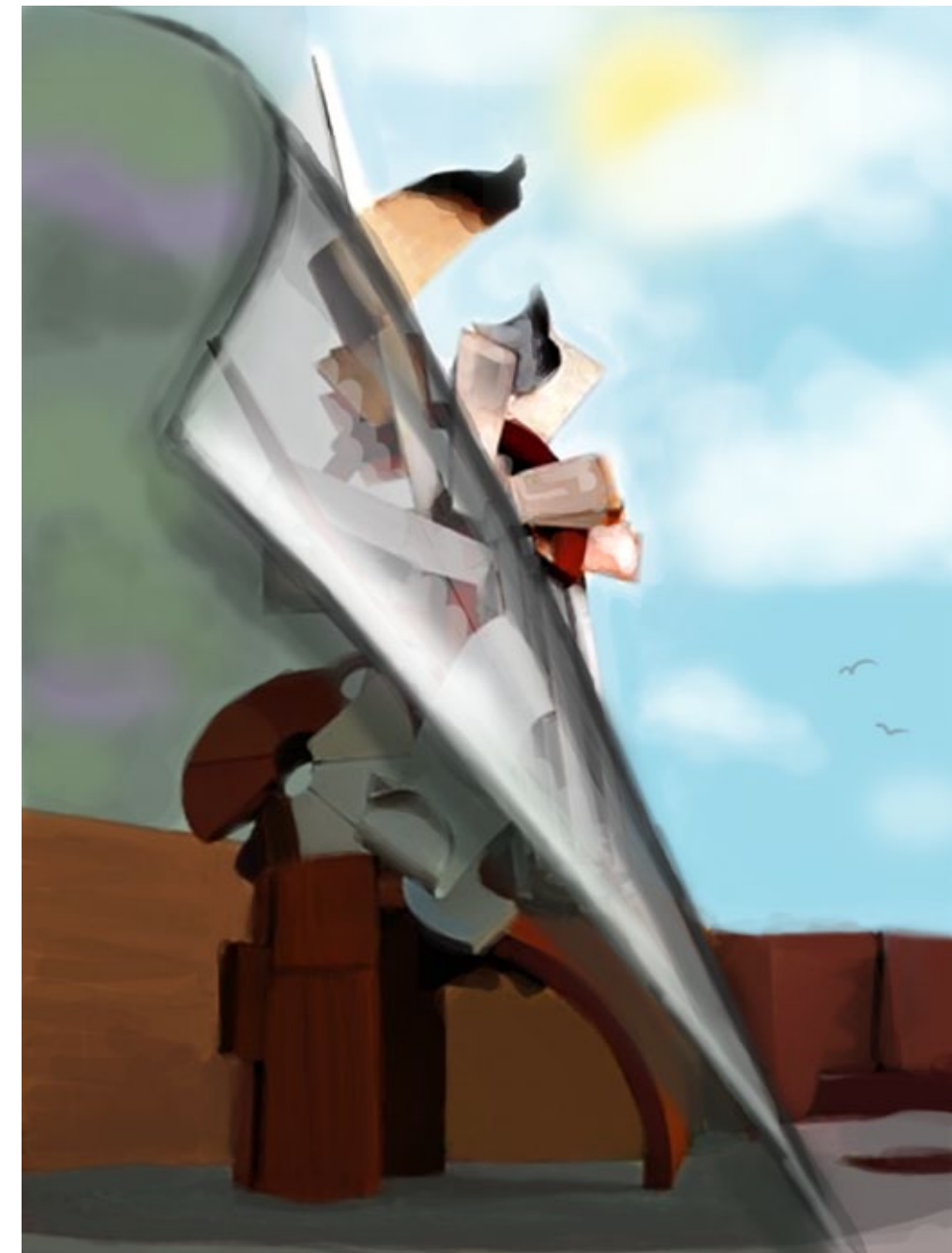
Going Forward

While the initial plan dictates a clear path, there are more changes in the works. For certain objectives, the task force decided additional research was necessary. "There is a tremendous amount of work in there," said Watters. "It will take time for the university community to simply digest all those changes."

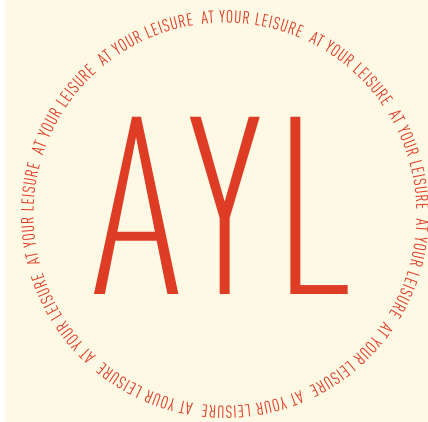
Watters attributes some of this flexibility to constantly improving green technology. He specifically pointed to new windows being used in the Golisano Institute for Sustainability building. "There are going to be windows in that building that are seven times more environmentally friendly than the last building that we built," he explains. "We didn't have that technology the last time we built a building."

It's likely that plans will change even more. Earlier this year, RIT appointed Enid Cardinal as the Institute's new senior sustainability manager, and Watters expects she'll make her own mark on the plan. Said Watters, "We've got the program up and running and we made some great strides, but now we have a person who will spend nothing but full time, 100 percent on this plan."

Between 2013 and 2029, the task force will prepare 10 bi-annual follow-up reports, before releasing a final "Zero Emission Report" in 2030. While much of the work is still years away, the capacity for change starts now. "Every day the university is doing something to move itself closer to that carbon neutral commitment," said Watters. Work has only just begun, but for the group, it's a chance to reposition the entire university piece by piece. **R**



REPORTER



by Evan Williams

REPORTER RECOMMENDS

Songsterr.com

“Music is the universal language, and needs not be translated. With it, soul speaks to soul.” This is the message written on the banner at the top of *songsterr.com*’s home page. Ironically, translating music is exactly what Songsterr does. The website is a huge database of interactive guitar, bass and drum tablature, a type of music transcription that uses numbered instrument fingerings instead of pitch notation, allowing people who can’t read music to learn to play their favorite songs.

Songsterr boasts a wide variety of free, user-generated songs to choose from across genres including jazz, metal, blues, acoustic and more. They have everything from Django Reinhart to Cannibal Corpse, and even theme songs for shows like Power Rangers and Gundam Wing. You can hit play and listen along while the hybrid sheet music/tabs run through each song, switching instruments along the way. Some of the tabs aren’t great, but the majority are dead on. Whether you’re a beginner or a seasoned professional, it’s always fun to learn a new tune.

HAIKU

Thunderstorms crashing,
Lightning sears the sky above,
Great time for streaking.

STREAM OF FACTS

The fastest selling album of all time is “Be Here Now” by British rock band Oasis. Released in 1997, the band’s third album sold 420,000 copies in the first day, 763,735 in the first week and over a million in the first two **WEEKS**.

“28 **WEEKS** Later” is the 2007 sequel to the post-apocalyptic horror film “28 Days Later.” The sequel takes place in London after a virus turns anyone that becomes infected into a murderous fiend. A number of the film’s most important scenes take place in the famous Canary Warf **DISTRICT** along the River Thames.

Dailyfinance.com rated the top school **DISTRICTS** in the country. The districts were judged on Public School Support, Private School Options, Library Popularity, College Town Feel and College options. The top rated district was in the Washington, D.C – Arlington, Va. **AREA**.

The coordinates of **AREA** 51 are 37°14’36.52”N, 115°48’41.16”W. The dry lakebed of Groom Lake borders the base, and the closest town is Rachel, Nevada, 25 miles to the north. The base itself sits on approximately 90,000 acres, yet only occupies a **FRACTION** of that space. The facility is viewable on Google Maps.

One of the smallest measured **FRACTIONS** of time is the yoctosecond, which is equal to one septillionth of a second. The theoretical smallest possible unit of time is known as “Planck Time,” which is 5.4×10^{-44} seconds.

OVERSEEN & OVERHEARD

“Bills win! I would love nothing more than for my first child to be born on the anniversary of this momentous day.”

– Buffalo Bills fan celebrates victory over the New England Patriots

“I hate that commercial. ‘What part of the chicken is nugget?’ What part of the chicken is popcorn KFC? Riddle me that!”

– Concerned chicken consumer

QUOTE

“I love the troops. Because if they weren’t the troops, I would be the troops, and I would be the worst troops. I’d be like, ‘You expect me to carry a gun this heavy and run away screaming? That is too many things.’”

– Comedian Mike Birbiglia

WORD OF THE WEEK

Weftage n. – texture

The girls were repulsed by the slick, slimy *weftage* of the dead carp’s scales.

COMIC

by Justyn Iannucci



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REVIEWS

09.30.11



QUELF
BOARDGAME | PARTY GAME | 3 - 8 PLAYERS
RATING: DIG IT!

by Adam Watts

There are two kinds of board games. The first is the strategic kind, where deep thought, timely backstabbing and clever tactics rule the day. These games often take many hours to play, involve expansive boards and sheets of cardboard counters. And then there are party games, which generally involve no real strategy, tend to be funny and entertain without getting too complicated. Qelf lands firmly and unabashedly in the latter category. It is a party game, and one of the best ones out there.

The rules are simple: Roll a die, move the number of spaces you rolled, draw a card of the color you landed on and do whatever it says. The fun of the game is in the sheer insanity of the card's actions. Some ask you difficult trivia questions, some make you sing or act, some assign you a rule that you must now follow

for the rest of the game. You may find yourself narrating in an auctioneer's voice, playing from underneath the table, singing whenever an even number is rolled, or doing any number of other strange things. If you don't do what the card says, you pay the penalty, which usually means going back a few spaces on the board. It's a good mechanic; you either make a fool of yourself in front of your friends, or you will never win. Be warned — this is not a game that most people would feel comfortable playing with strangers. With a group of close friends, though, you will have a blast.

Qelf is a crazy game that makes you do crazy things, and it cannot be recommend highly enough. Pull it out any time you have some friends over and you don't want to think much. It's perfect, mindless fun. **B**



"ON BLONDE" BY BLACK PUSSY
EP | ROCK | 31 MINS
RATING: DIG IT!

by Vasia Ivanov

Before you even think it: no, Black Pussy is not the name of a crunk rapper. Yes, all of the crunk rappers are kicking themselves because they didn't think of that name first. In actuality, Black Pussy is a 70's style revival rock band from Portland, Ore., and it is not trying to change the music world. But that's not a bad thing — on the contrary, what makes Black Pussy such an enjoyable listen is its carefree nature and an emphasis on the fun and freedom that made so many 70's rock bands popular in their time.

The group's debut EP "On Blonde," officially releasing in November, starts with "Marijuana," which appropriately begins with the sounds of someone lighting and smoking a bong, and becomes a Queens of the Stone Age-esque sing-along anthem. Other highlights include the single "Ain't Talkin' About Love," a bluesy ballad

contrasting lead singer Dustin Hill's melancholic voice and an energetic guitar riff into a uniquely heavy tale of unrequited love. "Indiana," the epic final track, hints that there may be a softer sound the band wants to explore in the future, replacing its 70's influence with guitar melodies and an atmosphere reminiscent of indie acts like Modest Mouse.

"On Blonde" is not perfect, of course. Besides the aforementioned "Indiana," the songs follow a repetitive structure and are composed of similar riffs. But what's so remarkable about listening to Black Pussy is getting the unshakable feeling that in several years, with a lot of practice, they're going to be big. They are great musicians with a lot of potential in Portland's thriving music scene. Give "On Blonde" a careful listen when it comes out — you might be hearing the next big thing. **B**



THE GREAT COFFEE CHALLENGE

by Adam Watts | photograph by Marcus Elliott

THE COLLEGE GRIND

LOCATION: STUDENT DEVELOPMENT CENTER (CSD, 55)

COFFEE: STARBUCKS BEANS

AROMA: 3
BODY: 3.5
TEXTURE: 2.8
FLAVOR: 3.5
OVERALL: 3.2

LATTE:

AROMA: 1.8
BODY: 2.3
TEXTURE: 2.3
FLAVOR: 2
OVERALL: 2.1

HOUSE SPECIAL: CHOCOLATE MOCHA

AROMA: 3
BODY: 3.7
TEXTURE: 2.7
FLAVOR: 4.3
OVERALL: 3.4

OVERALL:

2.9

The College Grind featured a middle-of-the-road coffee, not-so-good latte, and a decent special drink. We were just getting started at this point, so the caffeine and sugar highs had not yet hit.

The opinions expressed in this article are the result of a blind taste-test. All scores are based on the opinion of the testers and do not represent the opinion of REPORTER.

ARTESANO'S

LOCATION: MONROE HALL (MON, 15)

COFFEE: PEET'S BEANS

AROMA: 4
BODY: 2.3
TEXTURE: 2.3
FLAVOR: 3.8
OVERALL: 3.1

LATTE:

AROMA: 2.8
BODY: 1.8
TEXTURE: 2
FLAVOR: 1.7
OVERALL: 2.1

HOUSE SPECIAL: MOCHA LATTE

AROMA: 4.2
BODY: 3.3
TEXTURE: 3.2
FLAVOR: 4.2
OVERALL: 3.7

OVERALL:

3.0

Artesano's coffee was regarded as average, though, "Way stronger than I thought it would be," as one reviewer commented. The latte was dismissed as "weak." The scoring for the mocha latte was actually very divided, except for flavor, which was almost universally high.

BEANZ

LOCATION: GRACE WATSON HALL (GWH, 25)

COFFEE: FINGER LAKES ORGANIC BEANS

AROMA: 2
BODY: 1.8
TEXTURE: 1.3
FLAVOR: 1.8
OVERALL: 1.7

LATTE:

AROMA: 2.2
BODY: 2.7
TEXTURE: 2.3
FLAVOR: 2.3
OVERALL: 2.4

HOUSE SPECIAL: CARAMEL MACCHIATO

AROMA: 2.7
BODY: 3
TEXTURE: 2.5
FLAVOR: 2.8
OVERALL: 2.8

OVERALL:

2.3

The testers described Beanz coffee somewhat contradictorily. The latte was described as "Coffee ice cream," and the Caramel Macchiato as "Pure sugar." Decent scores on the macchiato, but the coffee and the latte were generally disliked.

JAVA WALLY'S

LOCATION: WALLACE LIBRARY (WAL, 05)

COFFEE: JAVA JOE'S BEANS

AROMA: 1.7
BODY: 1.2
TEXTURE: 1.2
FLAVOR: 1.2
OVERALL: 1.3

LATTE:

AROMA: 2.8
BODY: 2.5
TEXTURE: 2.2
FLAVOR: 3.2
OVERALL: 2.7

HOUSE SPECIAL: TERRAPIN

AROMA: 4
BODY: 3.7
TEXTURE: 4.5
FLAVOR: 4.8
OVERALL: 4.3

OVERALL:

2.8

Only one of the testers gave Java Wally's coffee anything above a one in any category. On first sip, one tester almost spat it back out. The latte fared a bit better and the terrapin was greeted with near-universal acclaim.

CROSSROADS CAFE

LOCATION: CROSSROADS (CRS, 89)

COFFEE: STARBUCKS BEANS

AROMA: 2.5
BODY: 2
TEXTURE: 2.2
FLAVOR: 1.8
OVERALL: 2.1

LATTE:

AROMA: 2
BODY: 2.7
TEXTURE: 1.8
FLAVOR: 1.8
OVERALL: 2.1

HOUSE SPECIAL: KICK OF MINT

AROMA: 5
BODY: 3.5
TEXTURE: 3.3
FLAVOR: 3.7
OVERALL: 3.9

OVERALL:

2.7

Once the taste test was over and we revealed to the testers who had made each coffee, we found it odd that the two places using Starbucks coffee — the College Grind and Crossroads — had scores so differently. Chalk it up to differences in staff, preparation, or time of day; REPORTER, unfortunately, can only speculate as to the exact cause. Also worth noting is that the aroma of the Kick of Mint drink was the only time all six testers rated any category as perfect five. It smells better than it tastes, but it smells so damn good that's not much of a problem. **B**



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- MS in Library Media
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- MS in Math/Science/Technology Education
- MS in Mental Health Counseling
- MS in Organizational Learning and Human Resource Development
- MS in Special Education
- Doctor of Nursing Practice

Wednesday, October 12, 2011, 5:00 p.m.
Wegmans School of Pharmacy Building
St. John Fisher College

Ed.D. IN EXECUTIVE LEADERSHIP

INFORMATION SESSION

Faculty and doctoral candidates will be available to discuss all aspects of the program and to answer questions.

Wednesday, October 12, 2011, 5:30 p.m.
Wilson Formal Lounge in Haffey Hall

eight great dates...



oct 11

College Radio Day
with WITR89.7
Tiger Statue
@ 12-4pm

oct 13

RHA Barbeque
Sundial by Gracie's
@ 5pm

oct 14,15

NTID Student Congress
ASL Films: Versa Effect
Webb Auditorium
@ 7pm
\$11 Admission

oct 15

SG Horton Distinguished
Speaker Series
Michael J. Fox
Field House @ 2pm
\$10 Admission

oct 15

SAAC Tiger Den Event:
Men's & Women's
Cross Country
Genesee Valley Park
@ 12:15pm

oct 20

ACA Open house
Campus Center
A- Level
@ 11am-4pm

oct 26

CAB presents:
Frank Warren
of Post Secret
Clark Gym @ 8pm
\$6 Admission

oct 29

Global Union's
Halloween Blowout
SAU Cafeteria @ 9pm

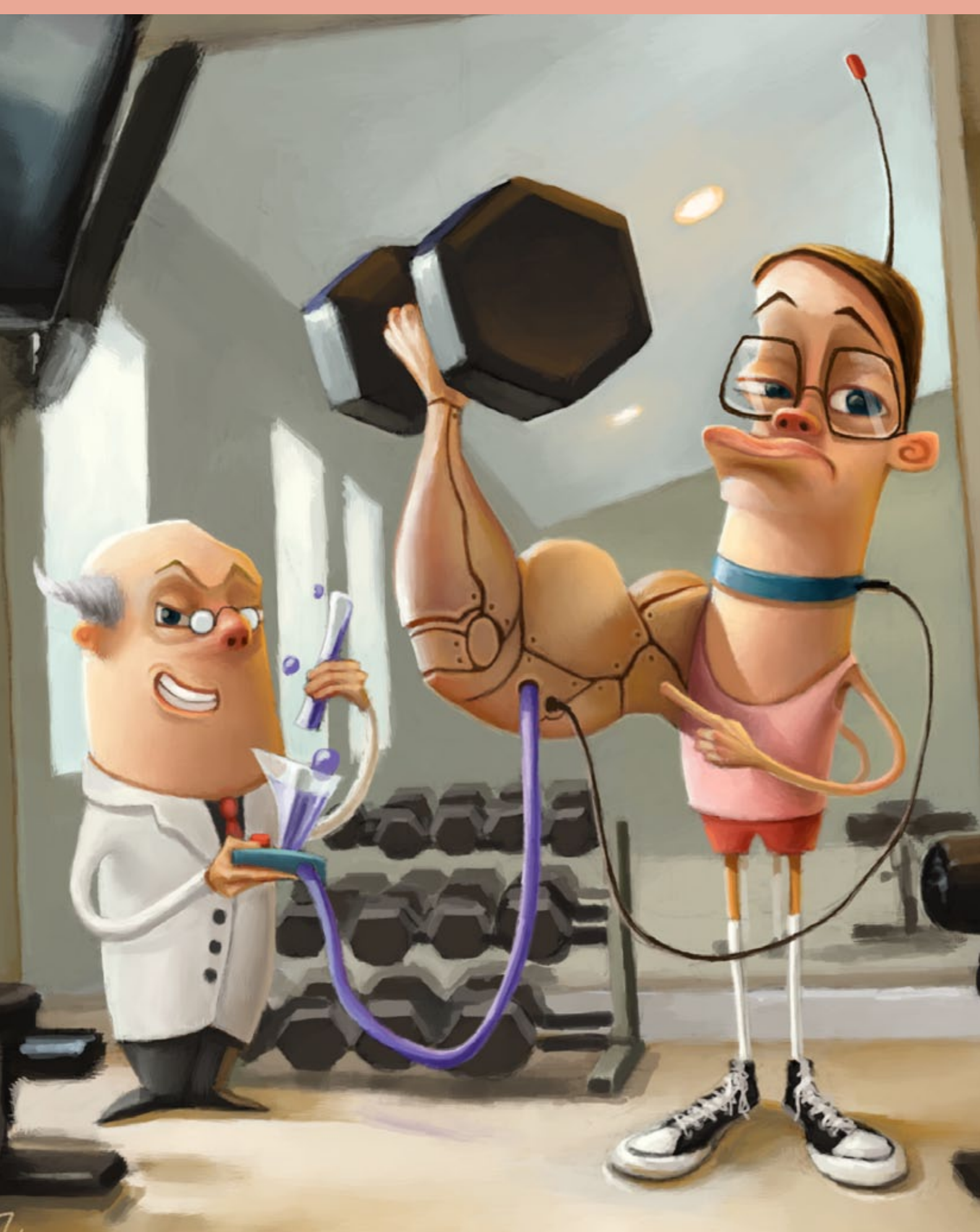


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ARTIFICIAL HEARTS & BIONIC BICEPS

Medical Implants and Society

by Evan Williams | illustration by Zac Retz

T

hump. Thump. Thump. The banging of wood against wood rang out above crashing waves and the rush of wind across the sea. The hearts of the men aboard the ship seemed to jump uneasily in time with the pounding on the deck. As the captain strode boldly across the ship, not a man aboard dared meet his gaze. Most quaked at the thought of locking eyes with the glass orb that sat in place of his eye. Half of his rotten teeth were replaced by handcrafted Spanish gold, and a hook of French iron served in place of what had been his left hand. He paused at the bow of his ship and gazed out, resting tall on the wooden peg that was now and would forever be his right leg.

The captain was a man constructed, built from the world around him, a testament to mankind's ingenuity and self-preservation. The product of one of the world's oldest medical practices, prosthetics like his have evolved from simple wooden crutches into the synthetic organs and limbs being crafted in hospitals and laboratories worldwide, including an incredible project to develop an artificial muscle right here at RIT.

FIELD WITH A HISTORY

While the peg legs and glass eyes are perhaps some of the most iconic prosthetics in history, they are far from the first. The practice of replacing damaged or missing body parts with crafted materials dates to before the time of Christ and has been documented in each of the three great western civilizations. During the fifth Egyptian Dynasty (2750-2625 B.C.) the earliest known splint was developed. In the earliest written account, Herodotus of ancient Greece recalled a prisoner in 500 B.C. that cut off his own foot to escape his chains, later replacing it with a piece of wood. The ancient Romans were responsible for copper and wooden legs, including one discovered in 1858 dating back to 300 B.C.

Throughout the centuries, as technology has improved, the practice of prosthesis has developed into a dedicated medical field. It's story is essentially the story of human advancement itself. Like all great technological advances, the act of trying to maintain the human body by replacing its parts grows in time with major scientific ages and wars. Presently, it encompasses not only improving the outside of the body, but the inside as well.

The pacemaker, which regulates heartbeats, is a common example of an early medical implant. The path to its development began in 1788, when Londoner Charles Kite used a shock from an electrostatic generator to resuscitate a three year old child suffering a cardiac arrest. During the next several centuries, this theory was applied to a multitude of devices until German doctors developed the modern implantable pacemaker in the 1960s.

Other internal devices have been implemented over the years, including artificial bladders grown from patients' own cells, brain pacemakers that regulate Parkinson's disease tremors, and artificial hearts.

RISKY BUSINESS

These advancements aren't without risk. With any medical implant, there is a chance that the body's immune system will reject the device once it is implanted, forcing it to be removed. As an example, around 13 percent of people are sensitive to nickel, cobalt or chromium, the metals used in orthopedic hardware such as knee implants. In 2011, the British Orthopedic Association found that the company Depuy was producing hip replacement implants that had a failure rate of 49 percent over six years, leading Depuy to recall the product. There is also the psychological aspect; people with procedures like hip or heart valve replacements may expect miracle cures to their ailments, which is simply not the case.

The ultimate goal of prosthetics and medical implants has always been to improve the quality of life for individuals in need of new or reconstructed

body parts, not to completely replace those parts. It is widely acknowledged throughout the medical and scientific fields that missing limbs and organs can never truly be replaced. The best that anyone can do is try and replicate the functionality of whatever body part is in need of alteration.

RIT AT WORK

It is estimated that eight to 10 percent of Americans, roughly 20-25 million people, have some sort of medical implant device. Each year, 185,000 Americans undergo an amputation, and it is believed that over 1.5 million Americans have some sort of artificial limb. With that many people in need, it becomes clear that researching and developing this type of life saving technology carries huge benefits. Even regaining a small fraction of the dexterity or functionality of a lost limb or organ can be a major step for someone in need. Devices like cochlear implants, artificial hearts and pacemakers give these people an opportunity to better interact socially, maintain life support while awaiting transplant, or regulate malfunctioning organs.

In line with this important and constantly evolving line of work, a team of RIT professors and graduate students has joined forces with two surgeons from the Rochester General Health System. Together, they are working to develop a one-of-a-kind artificial bicep. Both a prosthetic and a medical implant, it could potentially revolutionize this rapidly expanding field.

The project team consists of Mechanical Engineering professors Dr. Wayne Walter and Dr. Kathleen Lamkin-Kennard, Electrical Engineering professor Dr. Ferat Sahin, Mechanical Engineering graduate student William Spath, and Materials and Engineering graduate student Chris Mieney. The artificial muscle implant they're developing would sit in place of a missing bicep muscle and be tied into the muscle fibers in the arm via tendon-like fabric in at each end. This RIT team is receiving medical consultation from RGHS surgeons Dr. Michael Leit and Dr. Steven Posnick. Both veterans of Iraq and Afghanistan, they saw the potential of an artificial bicep to help not only injured troops, but also everyday people struggling with amputation.

"Current prostheses are not meeting the needs of patients," Walter explains. "Most use rotary actuators like gears and motors, and their motion tends to be very jerky." The team is working with a group of materials called Electroactive Polymers (EAP), that change their shape or volume when electric potential is put across them. This would allow the bicep to flex or contract when a voltage is applied, creating a smoother movement than any gear system could hope to provide. "What we like about EAPs is that their motion is very smooth, much like a real muscle," Walter elaborates.

In much the same way that human muscles are built up of different types of proteins, the artificial bicep will be made up of different types of EAPs. The team's EAPs come in two main varieties: ionic and dielectric. While ionic EAPs require only about three to five volts to power, a fairly small amount, they must be kept wet at all times. Dielectric EAPs require much more voltage — up to 4,000 volts — but need a much lower current and do not have to be kept wet. At the moment, the team is testing these EAPs to see where they can best be applied, based on how much they expand and contract with applied voltages.

A small computer would use biosignals, measured from the host's body, to control the prosthesis. Electroencephalograms (EEGs) would use biosignals from the heart measured during a physical examination to determine how much power to use to control the muscle. The computer could also possibly be controlled with signals from eye movement or measured brainwaves.

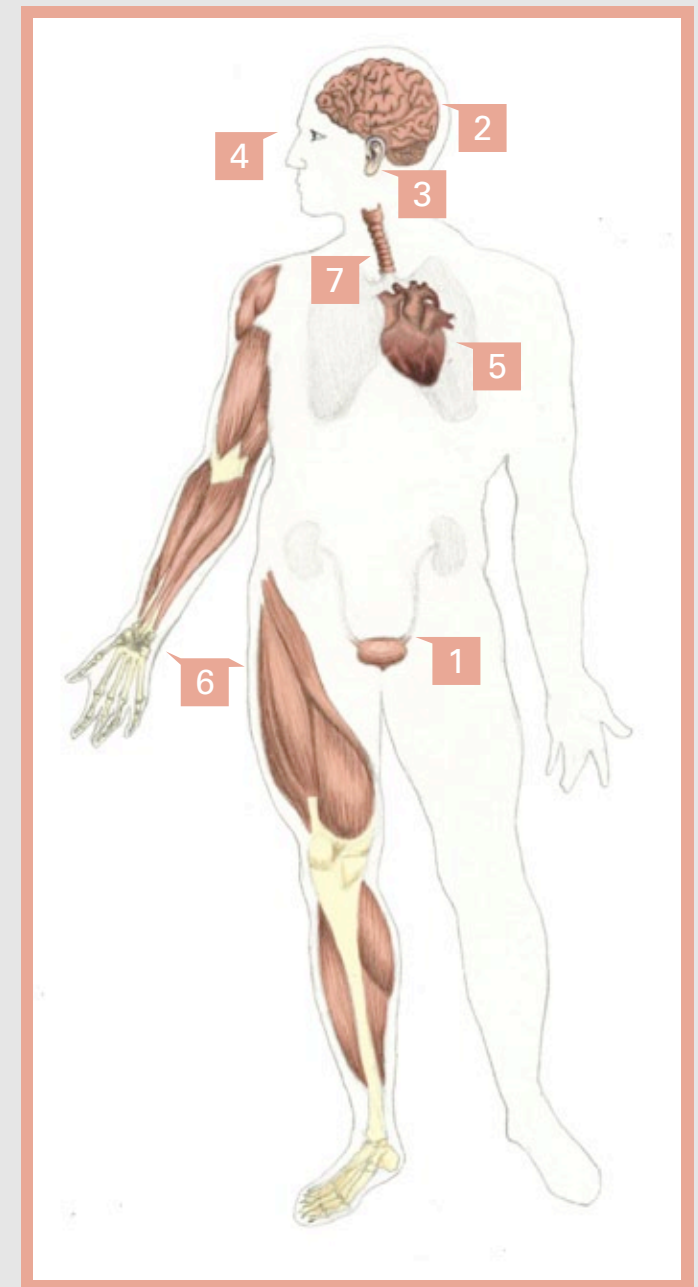
MOVING FORWARD

The team's next steps include finding the best performing EAPs, and then creating a detailed design to find the specific dimensions of the implant. To aid in this design, they'll create a micro-fabrication to see how to best construct a full-sized prototype. The biosignals, a specialty of Sahin's, must be tested as well before the prototype is built, and it is acknowledged that the project is years from completion. However, if their work becomes successful, Walter sees an application for this technology on several other major muscle groups, including the calves and quadriceps. "If we could be successful, it has a lot of social value and could potentially revolutionize prosthetics and allow people to resume a normal lifestyle after they've had a traumatic injury," he says. "There's a lot of work to be done, but it's a really fun project to work on. We just have to keep things rolling."

As the team works towards the goal of perfecting their muscles, they realize the impact their work could have. There is great potential to improve the lives of others, but where this technology will head is still unclear. What cannot be answered with facts and figures are the questions posed by this growing field. Will humans become dependent on these types of technologies, or perhaps rush to them prematurely? Will the implanting and removal of more and more intricate devices do more harm than good to the human body? When will the goal switch from repairing the human body to actively trying to improve it, and what does that mean for the rest of us? In a world that moves as fast as ours, who will ultimately decide how man rebuilds man? **R**

AT A GLANCE: ARTIFICIAL ORGANS IN ACTION

by Alex Rogala | illustration by Camille Kornacki



1 BLADDER

During early 2006, a team of researchers at the Wake Forest University School of Medicine in Winston Salem, N.C. successfully installed an artificial bladder. Grown from patients' own cells, it was the world's first successfully transplanted lab-grown organ.

2 BRAIN

Using a technique known as deep brain stimulation, devices known as brain pacemakers deliver small electrical jolts to certain portions of the brain. Scientists are currently studying their effect on mental illnesses and have had success controlling tremors caused by epilepsy and Parkinson's disease.

3 EAR

Since their development in the 1980s, cochlear implants have been used to improve hearing ability in certain deaf and hard-of-hearing individuals. In conjunction with a microphone, speech processor and several other components, an array of electrodes implanted inside the cochlea stimulates auditory nerve fibers.

4 EYE

Known as an epiretinal prosthesis, one experimental technique involves implanting an electrode ray within the eye. When fed a signal by special, camera-equipped glasses, some users can identify color or light sources.

5 HEART

In October 2004, after 10 years of study, the FDA approved the SynCardia Total Artificial Heart as the first completely artificial heart on the market. However, as no artificial heart currently available can sustain life for more than several years, their use is restricted to those expecting a biological heart transplant.

6 LIMBS

During the early 1990s, the first computer controlled prosthetic limbs appeared on the market. When combined with hydraulics, these new computer controlled prostheses allow for more natural ranges of movement and a greater depth of control.

7 TRACHEA

On June 9, 2011, a team of Swedish researchers successfully transplanted the first artificial trachea. Given to tracheal cancer patient Andemarian Telesenbet Beyene, it was created from a combination of plastic and his own stem cells.

A VOICE FOR OTHERS

Luticha Doucette

by Ali Coladonato | photograph by Thomas Newton



“It was truly a freak accident; our car just stopped in the middle of an intersection,” recalls Luticha Doucette, a fourth year Bioinformatics major. “I had to be revived — they told my mom I’d never wake up, they told her I’d be a vegetable, they told her I wouldn’t be able to walk, but here I am.” While the accident cost her the use of her legs, Doucette is still here, and she sees herself as a platform and a voice for others with disabilities.

Doucette, however, is more than just a voice; she is a force, a visionary, and someone who has worked hard to bring about change. Whether improving wheelchair technology and accessibility on campus or addressing the nation as Ms. Wheelchair New York, Luticha has seized every possibility in her path. As she puts it, “I have a problem saying no to opportunity.”

Growing up before the Americans with Disabilities Act was enacted, there were few places Doucette was able to go as a child. “Growing up I was really kind of isolated,” she says. “I was homeschooled for most of my life, which was a very lonely experience.” During her childhood she spent plenty of time in the library, the only place accessible to her. “Once a week my mom would take me there for a few hours, and I’d just sit and read,” she recalls.

From these excursions, Doucette developed a great love for science and math. At 7 a.m. every Saturday, she would diligently wake up to watch “Bill Nye the Science Guy” and leaf through the Encyclopaedia Britannica. “Science was just something that appealed to me,” says Doucette. “I could contemplate these big things from the comfort of my room; it became a way for me to interpret the world.”

Doucette has met and worked with many different people in her effort to improve the world for herself and other wheelchair users. She likes to compare science to dating, saying, “People need to have that initial spark for any kind of innovation or collaboration to work.”

With her conviction, Doucette has found dozens of individuals willing to help her put her ideas into action.

Finding the lab benches in one of her chemistry labs too high and unsafe for her use, Doucette began talking with Gary Judge, a stockroom technician in the College of Science. Together they developed the idea of using adjustable benches to accommodate an even larger range of people, including those with power wheelchairs, which are generally taller than manual models. These benches can now be found in several labs, one in particular earning the alias “Luticha’s Lab”.

With the help of third year Chemical Engineering student David Olney and fifth year Mechanical Engineering Technology student Devin Hamilton, Doucette has been working to develop remote controlled power wheelchairs. Using Bluetooth technology, users would be able to remotely guide

their chair using a smartphone or tablet computer. This is helpful for wheelchair users getting into and out of bed or for loading empty wheelchairs into vehicles. Additionally, if the user were unable to control his or her own chair, a caregiver would be able to maneuver the chair without having to manually control its joystick. In its final stages, the project has already gained a lot of publicity.

While she has a great respect for RIT and its students’ ambition, Doucette feels that RIT has done a poor job promoting innovation for disability research. “For a tech school, RIT really isn’t very techie as far as accessibility,” says Doucette. “There’s the opportunity for RIT to really push the limits with the technology here on campus in a field that’s always dynamic.” She cites many little obstacles that can make it difficult for her to get around; things like FMS disabling the automatic door-openers and forgetting to turn them back on, or the illogically placed ramps and elevators that she relies on. “People don’t really think about my ability to go anywhere freely,” says Doucette. “It’s always ‘Who’s taking care of you? Who’s with you?’ They don’t get that it’s about changing the environment to make the user as independent as possible.”

It’s that sort of attitude that earned Doucette second runner-up in the Ms. Wheelchair USA pageant last month. Unlike traditional beauty pageants, Ms. Wheelchair USA is based on advocacy. It is designed to allow women with disabilities an opportunity to share their accomplishments and promote issues they think are important for those living with disability.

When first approached by pageant officials, Doucette was hesitant. “Then I learned that it isn’t a beauty competition, it’s about being an advocate,” recalls Doucette. “Well I do that all the time, and I like shiny things, so I said ‘Why not?’” She recalls the inspiration she felt being surrounded by many women with similar goals. “Being around these people, I was more motivated than I ever had been before.”

Doucette’s motivation and passion for life have led her to amazing places, including Canada, Hong Kong and Costa Rica, with many more trips in the works including a possible study abroad in China before graduation. With her thirst for experience and knowledge, her world knows no limits. She’ll continue pushing herself and everyone around her to greater understanding through her research, projects and, most importantly, by being herself. **R**

To find more information about the remote-controlled wheelchair, along with Doucette’s other projects, visit <http://beta.innovation.rit.edu/csi2/main/node/lad7047>.



Roar Day

THE FUND FOR RIT

Thursday, October 13th

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STUDENTS: President Destler and Dr. Rebecca Johnson have again issued a challenge. They will match student gifts—up to a maximum of \$100 per person, \$15,000 total.* INCREASE THE IMPACT of your gift!

Raise Our Annual Responses at the following locations:

- Facilities Management Services 9 a.m. – 11 a.m.
- Student Development Center 11:30 a.m. – 2 p.m.
- Sundial (Rain Location: Grace Watson Hall Lobby) 10 a.m. – 2 p.m.
- Legacy Walk (Rain Location: Student Life Center Lobby) 10 a.m. – 2 p.m.
- Tiger Statue (Rain Location: Artesano/Digital Den Atrium) 10 a.m. – 5 p.m.
- Infinity Quad (Rain Location: Wallace Center Lobby) 10 a.m. – 2 p.m.
- Global Village (Rain Location: Salasarita's) 10 a.m. – 5 p.m.

rit.edu/FundForRIT

Get Ready to ROAR!

*All student gifts must go to a recognized RIT fund.

PUSHING THE PEDALS

with

RIT'S CYCLING CLUB

by Jeff McKinzie | photograph by Jonathan Foster

Biking is one of the most popular activities out there and comes with a slew of health benefits, including stress relief, better cardiovascular health, and an improved state of mind. It is also an activity that can be made all the more enjoyable with others, especially a close friend or significant other. For RIT students, there's one place to go to find biking partners: the RIT cycling club.

The club consists of a group of students who are, as quoted by their website, "brought together by the love of pedaling [their] (mostly) two-wheeled machines around." They regularly ride in a variety of groups that are open to anyone and range from hard, fast runs to slow and relaxing tours. During Week Four, I met up with the club, just as it was doing its bike maintenance fundraiser for students by the Tiger statue.

Fourth year Industrial Design major Dan Ipp, the vice president of the club gave me the rundown on what the club is and does. "We race around. We race mountain bikes in the fall, do cyclo-cross racing at the end of the fall and in the winter ... and in the spring we do road biking," he explained. The team races all over the northeast as part of the Eastern Collegiate Cycling Conference, which includes schools such as Dartmouth, MIT, and Boston College. Recreational rides are often held in the spring, and this March will mark the club's fifth birthday.

I also spoke to fifth year Mechanical Engineering major and president of the cycling club Peter Hagerty, who had a lot to say about the maintenance that his club has to offer. "A lot of kids brought their bikes to school under-prepared, with flat tires or rusted chains. This gives them a good opportunity to get their bike in working condition. It's a great price compared to the bike shops around Rochester and it's really convenient [that] we're on campus for them."

The price for a general tune-up \$20 plus parts, but the club also offered to do individual maintenance — \$5 for brakes, and \$7 for a flat tire.

Hagerty also acknowledged plans to have the maintenance become available to students on a regular basis. The group is working with Dr. Mary-Beth Cooper, senior vice president for Student Affairs and some other people in the RIT community on creating more maintenance programs. "We want to be more consistent and provide a greater depth of maintenance as well." Hagerty added, "Our long-term goal is to have a permanent on-campus location."

Despite the uncertainty of their future plans, Hagerty is still focused on the three upcoming seasons for the year, and foresees many people coming to join the club. He has seen many ride in the past, and says that there will always be more. "[The number] changes a lot throughout the season, but overall, throughout the entire school year we have about 100 different people racing or doing different things in the club," he said. "We have lots of different levels of involvement in the club too ... some people are interested just in things like the bike maintenance part of it or group rides around campus or just racing."

When Meghan Castagno, a fourth year Psychology major, came to pick up her bike at the end of the maintenance event, she described herself as a 'leisure rider' saying she heard about what the club was doing from her friends, who cycle more often than she does. She said she had noticed that every year the club had done bike maintenance, but never had a bike before. That changed when she got one this year and it broke. "I was walking by and saw that they fixed bikes for a great price, so I brought my bike in... [and] I'm so glad I did."

When asked if she thought that the RIT campus was bike-friendly, she replied: "No. I transferred here from [the University of California at Davis], which has the [largest] number of bikes per capita in California... And that school was bike-friendly. They had paths, pump stations, and bike racks. RIT improved with the bike [path], but it could still be a lot better."

With the ambition of the cycling club and the members they've acquired RIT may yet become a more bike-friendly campus. Until that happens the RIT cycling club is a smart activity for those who get bored easily and want to engage in a fulfilling activity. **R**

For more information on the cycling club, including upcoming events and how to get involved, visit <http://ritcycling.com>

Sean Trimby, fourth year Mechanical Engineering Technology major, and Max Hauteniemi, second year Photojournalism major, clean the chain and gears of a bike during the RIT Cycling Club tune-up and maintenance drive, Thursday, September 29th, 2011.





RIT's Brad Reid, a first year Business major, stays with the puck after being knocked down in the second period.

BACK TO BUSINESS: TIGERS KICK OFF HOCKEY SEASON

by Evan Williams | photographs by Joshua Kuckens

There's a difference between a sport and a sports culture. A sport is something you watch or play, enjoy for the time it's happening, and then move on to whatever other business you have for the day. But a culture is something you bring with you to the game, something you release from within you in the stands, and wear home with you like a jersey. You breath it in, you breath it out. When your team wins, you win. When your team loses, well...it's not pretty. Sports culture is when your team becomes "we" and not "they." It's the only reason anyone that isn't a clown ever paints their face and it's the reason we build brand new locker rooms, even when the old ones still work. Because sports culture, despite what many may say, is a part of who we are as a university. And no sports culture at RIT draws more frenzy or pure, unadulterated nerd-rage than hockey.

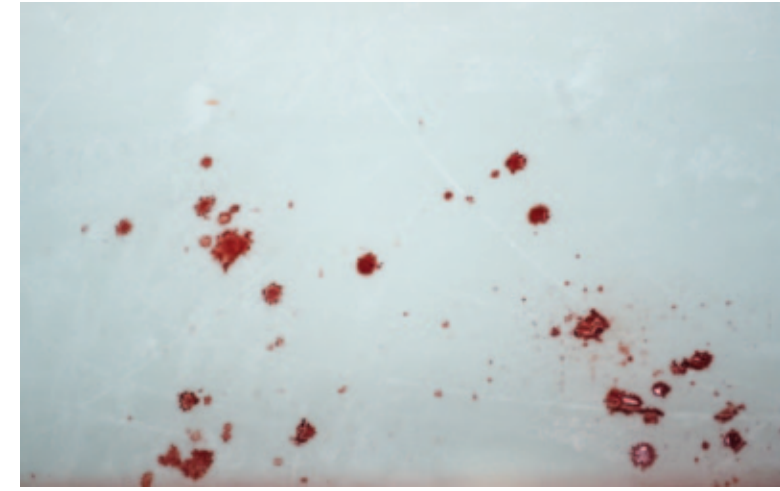
"Tiger blood runs orange." It was a rather bold proclamation for someone barely old enough to tie her own sneakers. The slogan stood out orange and bold against the back of the little girl's oversized t-shirt as she wandered around the Ritter Ice Arena Saturday night. But never mind the mysteriously unattended five year-old, there was more pressing business at hand. Like trying to memorize all of the well rehearsed heckles and chants coming from the infamous RIT Corner Crew. It was the first hockey game of the year, and even though it was



just an exhibition match, the energy and excitement coming from the 1,732 fans in attendance was infectious. Nothing emboldens a crowd like a good old-fashioned routing, which is exactly what the Tigers delivered, shutting out the Brock University Badgers 4-0 in the teams' first meeting since 1992.

The Tigers' first goal was the lone score of the first period and looked more like a rugby scrum than a hockey goal. Somehow the battle for a loose puck in front of the net 13 minutes into the period turned into an RIT goal credited to first year Business major Brandon Thompson. This wouldn't be the last exciting play in a game that saw a ref taking a puck to the face and an RIT player leaping into the air to snag a sailing puck.

In the second period the Tigers scored three goals in less than five minutes while the goalies continued an amazing defensive streak, stopping numerous one-on-one challenges. The Tigers rotated all three of their goalies as fourth year Business Management major Shane Madolora, second year Business major Josh Watson and first year Psychology major Jordan Ruby combined for 32 saves on 32 attempts. The Tigers' three remaining goals were scored by third year Business Management major Adam Hartley, fourth year Finance major Cameron



The blood of Brock University's Eric Bonawitz was scattered on the Ritter Arena ice after he took a hard check to the helmet.

"TIGER BLOOD RUNS ORANGE."

Burt and second year Business Management major Mike Colavecchia.

All and all it was a great win for the Tigers, and an excellent way to start the year. As the fans continued the tradition of jangling their keys during the final minute of play to signal it was time for the Badgers to head home, the RIT withstood the Brock's one last desperate attempt. The Badgers' futile efforts left the fans gleefully celebrating the taste of victory in what will hopefully be the first of many in a very successful season. **B**

RIT's Scott Knowles, a fourth year Marketing major, congratulates teammate Mark Cornacchia, a fourth year Finance major, after scoring the first goal of the season for the Tigers against Brock University.



The RIT Tigers show their appreciation to the fans after starting the season with a 4-0 win over Brock University.

WORD ON THE STREET

by Joshua Barber

What is the only thing better than coffee?



“Coffee after sex.”

Ben Gilberg, third year Fine Art Photography



“Tea.”

Kimberlay Osario (left), second year International Studies

“Chocolate.”

Zada Mohammed (right), third year Biotechnology



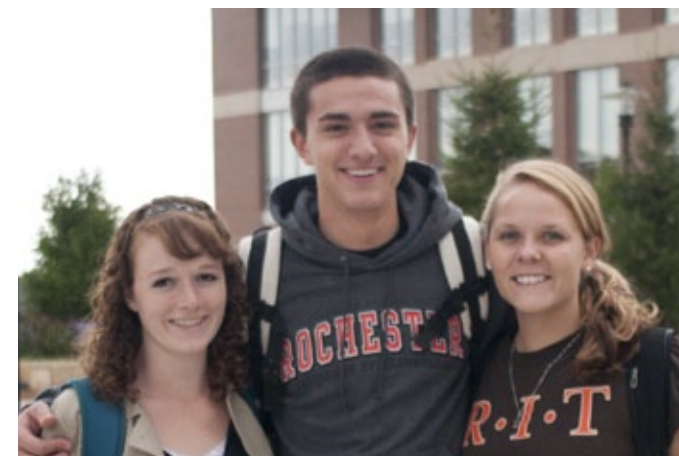
“Hot chocolate.”

Frank McGinn, first year Biomedical Photographic Communications



“Tea and bacon.”

Mark Engelman, second year Microelectronic Engineering



“Chocolate chips.”

Amy Pease (left), second year Physician Assistant

“Twizzlers.”

Guerin “Mac” Gagliastri (center), second year Physician Assistant

“Physician Assistants.”

Sarah Sampson (right), second year Physician Assistant

10th annual
IMAGEOUT
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LEAVE IT ON THE FLOOR

Program 5 – Saturday, Oct. 8, 1:30pm, Dryden Theatre

Leave It on the Floor is a spanking, hot, independent feature film musical with eleven original songs set in the contemporary ball culture of Los Angeles. The film is the twenty-year passion project of award-winning director Sheldon Larry, with an exceptional screenplay and lyrics by Glenn Gaylord, an original score by Beyonce's creative director Kim Burse, and heart-thumping choreography by Frank Gatson Jr. the wizard behind Beyonce's image and music videos. It's been compared to *Rent* and has been called "Saturday Night Fever for the millenium".



View The Trailer

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**WE WERE HERE:
 THE AIDS YEARS IN SAN FRANCISCO**

Program 21 – Monday, Oct. 10, 6:30pm, Little Theatre 1

We Were Here tells the story of the onset and progression of the AIDS epidemic as told by five people who lived at its epicenter: San Francisco. It chronicles the unimaginable losses suffered by the gay community, and addresses the issues of fear, homophobia, and civil rights violations endured by a population that, already hated by many, largely was left on its own to deal with the epidemic that was killing its community.



"As grim as some of it's images are, *We Were Here* is above all a film about love: not romantic love but the kind that really matters, in which people selflessly show up and keep on showing up for one another in the worst of times." - Stephen Holden, NY Times

**SPOTLIGHT
 FEATURE**



**CODEPENDENT LESBIAN SPACE ALIEN
 SEEKS SAME**

Program 33 – Friday, Oct. 14, 7:45pm, Cinema Theatre

A campy, tongue-in-cheek, sometimes touching, oftentimes raucous carnival ride of a film. The camp factor is high, and the story is both funny and sweet, but the stand-out feature of *Codependent Lesbian Space Alien Seeks Same* is by far the acting. Take a break from the real world and spend an evening with an average lesbian Earthling and some hilarious lesbian space aliens. You won't be disappointed.



**SPOTLIGHT
 FEATURE**



LONGHORNS

Program 34 – Friday, Oct. 14, 10:00pm, Cinema Theatre

ImageOut is excited to shine a spotlight on writer/director David Lewis (*Rock Haven, Redwoods*) as he tries his hand at romantic comedy and, in the process, delivers one of the funniest raunchy gay sex comedies in recent years. Complete with offensive wardrobe and eighties-inspired original songs by H.P.Mendoza (*Colma: The Musical, Fruit Fly*), Lewis also helms a convincing period piece. Kudos to a competent handsome cast led by Jacob Newton and visiting guest Derek Villanueva.



**CLOSING
 NIGHT**



LOOSE CANNONS (In Italian with English subtitles)
 Program 40 – Saturday, Oct. 15, 7:00pm, Dryden Theatre

Filled with an eccentric cast of memorably funny characters with their own distinct voices and personalities, openly-gay director Ferzan Ozpetek presents a light-hearted family dramedy that is guaranteed to fill the Dryden theater with chuckles and laughter, while mocking stereotypes and dishing out critiques on homophobia and old-fashioned values. Beautifully shot throughout, the film culminates in an impressive marriage of fantasy and reality showing us a glimpse of how things should be.



View The Trailer



Visit www.imageout.org to view all 7 programs in the Youth Project Film Series - free to anyone under the age of 21. Tickets can be obtained at the box office before each screening. Please be prepared to show proper ID.



TOO MUCH DOUBT?

by Nolan Harris Jr. | illustration by Jai Kamat

In 1991, at the age of 22, Troy Davis was convicted of the 1989 murder of police officer Mark MacPhail. His case was heard and he was condemned to death based on the testimony of nine eyewitnesses. He spent 20 years on death row maintaining his innocence, until he was executed on September 21, 2011 in Jackson, Ga. The outrage surrounding Davis' case emerges upon examination of an ensuing development: of those nine eyewitnesses, seven would later recant their testimony. Some would cite coercion by investigators when submitting their statements. Others pointed to one of the two remaining eyewitnesses, Sylvester Coles, as being the actual shooter.

For 20 years, Davis fought to prove his innocence. He exhausted his legal options with appeal after unsuccessful appeal. Davis's story was the subject of much controversy, not solely on the issue of his guilt or innocence, but also because he was convicted and sentenced to die amid a preponderance of uncertainty. Whether or not Davis was in fact guilty is important, but the real crux of the issue is the question that his case raises: Can the state kill a person whose case reeks of doubt? The death penalty is a serious punishment — should it not be reserved for those whose guilt is beyond doubt? With Davis' case, doubt was considered a negligible factor. Why? Were the affidavits signed by those seven recanting eyewitnesses not enough to offer cause for pause? Did they not warrant a commutation of his sentence? According to the Georgia legal system, they did not. Neither did the absence of DNA evidence, or the lack of a murder weapon.

Davis's story elucidates the tragic fallibility of capital punishment, and upends the case of its advocates. We may never know if Troy Davis indeed killed Mark MacPhail — and God knows MacPhail's family deserves to know, and is equally deserving of justice — still I can't reconcile delivering that justice via civil reprisal or violent retribution. As the saying goes, "an eye for an eye leaves the whole world blind." So long as the death penalty remains in the 34 states it does, we should anticipate more Troy Davis cases. *Why?* If the state can arbitrarily consign a defendant to the death chamber — disregarding doubt cast on their case by pertinent developments — no one is safe from suffering Davis's fate.

I urge you not to mistake Davis's story for some rare miscarriage of justice. In truth, his case is but the latest addition to the catalogue of contemptible outcomes produced by our justice system. That's why we must act. We cannot wait for the very entity that authored this atrocity to correct it — it won't. What we face here is an opportunity to employ the power of our collective voice — to speak up and raise awareness about this issue. Or we can sit idly by, clinging to sympathetic indifference and hoping this injustice isn't repeated. But if we elect to do the latter, again it will be too late; again our outrage will remain passive; and again, countless onlookers will lament the follies of a warped legal system. *We need to do something. We need to speak out. What we don't need is déjà vu.* **B**

Student Discount
 Receive a \$2 discount at the box office with a student ID on all regularly priced programs.

IMAGEART!
 rochesterLGBTQcollects

ImageArt is making a departure from the juried exhibition format for the 2011 show. For the past eleven years, ImageArt has been considering the question, "What is LGBTQ art?" from the perspective of the creative individual. This year LGBTQ art will be examined through the lens of the LGBTQ collector in a curated exhibition begging the question, "What do LGBTQ collectors collect?" View the annual exhibition at Visual Studies Workshop, 31 Prince Street, Rochester, NY. The show continues through Sunday, October 23, 2011 as part of the ImageOut Film Festival. Gallery hours are Thursday 5:00 – 8:00pm and Friday–Sunday, 12:00–5:00pm. Closed Monday–Wednesday.

ImageOut is supported in part by these generous grantmakers, organizations, and businesses:



THE PROVINCE

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IT'S NOT TOO EARLY TO
THINK ABOUT WHERE
YOU ARE LIVING
NEXT YEAR!

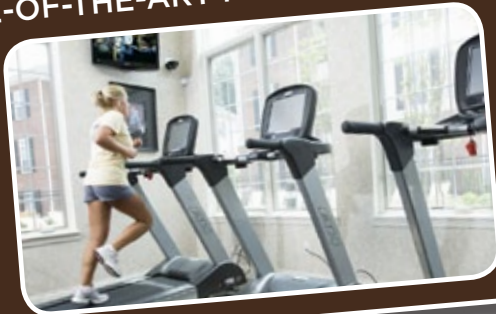
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RINGS

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REPORTER reserves the right to publish all calls in any format.
compiled by Victor Group

Sunday, 3:51 p.m. (from text)

I just saw a dude running down the street with a roll of toilet paper. **For his sake I really hope he makes it in time.**

Monday, 10:23 a.m. (from text)

Dear Rings, **LET'S SPOON.**
I WANNA BE THE LITTLE SPOON! ;-)

Thursday, 12:28 a.m. (from text)

Hey Rings I wanna do you **DOGGY STYLE** so we can watch "IT'S ALWAYS SUNNY IN PHILADELPHIA" together.

Thursday, 8:30 p.m. (from text)

Since when did zombies need scooters, capes and top hats?
I CALL SHENANIGANS.

Friday, 8:41 p.m. (from text)

Yo Rings, I hate that all rings are texts now. No one calls.
It's [bullhonkey]!

Thursday, 11:54 a.m. (from text)

This girl just **eye [COPULATED]** me in class. Guess that means I have to go to every class now for the rest of the quarter.

Thursday, 9:10 p.m. (from text)

Rings, I am being too loud for the quiet level of the library while trying to slurp down my Java's smoothie. I'm **THAT** guy.





Call Us

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