

TechNews

Student newspaper of the Illinois Institute of Technology since 1928

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9th Annual Pumpkin Launch catapults campus into autumn

Kori Bowns
 BUSINESS MANAGER

October brings a lot of things to the life of a college student. Leaves start changing colors, weather starts getting colder, and the days start getting longer as the reprieve of winter break slowly inches nearer. But Illinois Tech students have more to look forward to than receiving midterm grades and drinking pumpkin spice lattes—October also brings Pumpkin Launch to the IIT community.

Last Saturday, 12 machines were lined up along the baselines of Ed Glancy Field for the 9th annual Illinois Tech Pumpkin Launch, hosted by IIT's Biomedical Engineering Society. Pumpkin Launch is a tradition at Illinois Tech where teams of students across a variety of disciplines compete to build machines that throw pumpkins across our baseball field. Prizes are awarded for teams that throw pumpkins the furthest, with the most accuracy, and for a team voted "crowd favorite" — a new award for this year's competition.

Over 100 students worked toward launchers for this year's competition, which is a part of IIT's annual family weekend. This Pumpkin Launch was one of the biggest turnouts for the event yet.

Many IIT students, staff, alumni, and other spectators come out to watch the event, but some looked forward to the blunders as much as they did the impressive feats of engineering. Some launchers unfortunately broke before being able to complete all of

their launches, and others occasionally fired a pumpkin backwards or straight up into the air.

After three rounds of launches, the prize winners were announced. The first place winner for the distance competition was team Long Shot, with a winning distance of 361 feet. Long Shot was comprised of two mechanical engineering students who built a floating arm trebuchet that was 18 feet tall. The second place winner was team Keep on Chunkin' with 205 feet; third place went to team NSBE (National Society of Black Engineers) with a distance of 172 feet.

The accuracy awards were determined by comparing a launcher team's predicted distance to their actual distance. The first place winner for this category was Mach 1, a team that had constructed a centripetal launcher and was comprised of students from the Illinois Tech Robotics team, with an accuracy of over 99 percent. Second place went to Keep on Chunkin' with an accuracy of 97 percent, and third place went to Long Shot with an accuracy of 95 percent.

The Crowd Favorite award went home with Dirty Winches, another team comprised of Illinois Tech Robotics students, several of whom dressed up as pirates to add a theme to their onager launcher.

Many students who participate in Pumpkin Launch value the rapport that they build with their teammates through completing the often-difficult task of building a launcher.

"As much as I know my team might

not win, we're all here together having a great time bonding and getting to know each other," said Emilie Woog, third year electrical engineering major and captain of the Dirty Winches team. "This is my third year competing, and my first time leading a team. After this experience, I know I'll continue competing and working with my fellow students."

Rafael Soto, President of IIT's Society of Physics Students, the organization that took home several of last year's prizes, loves the impressive machines that students are capable of building. "The best part of the Pumpkin Launch is the sheer awe when arriving to the field and witnessing the different launchers that everyone has made. You can tell that every team put sweat and thought into their machines," Soto said. He also urges that younger students get involved on Pumpkin Launch teams in future years, "this is a phenomenal way to put your schoolwork and skills into practice, in a fun way."

In addition to the pumpkin carnage, the site of Pumpkin Launch had a few other activities going on with something for everyone. Mini-pumpkin decorating was hosted by Union Board, and pumpkin carving was hosted by the Residence Hall Association at the conclusion of launches.

Soto encourages the entirety of the IIT community to come out to watch Pumpkin Launch in coming years, "there's nothing quite like watching wooden contraptions swing pumpkins through the air while you enjoy free food!"



Photos by Kori Bowns

Free Speech @IIT sparks discussion

Utsav Gandhi
 CAMPUS EDITOR

With the increasingly mobile and accessible tools available for communication in the 21st century, university campuses face a whole gamut of issues with respect to the expression of opinion and exchange of personal views or information.

More relevant to the IIT campus and online community, various Facebook pages such as the "Illinois Institute of Technology: Admitted Undergraduate" page and the increasingly popular "Confessions of IIT Students," have wide ranging discussions on topics ranging from the government shut-down, to residence hall policies, to abortion rights, to how Breaking Bad ended. In such a scenario, it becomes necessary to discuss what exactly the role of free speech is and what exactly the fine line between free speech and offensive language is.

In response to student reactions to the news of the visit of the Westboro Baptist Church (as reported in TechNews), and as part of GLAM IIT's Pride Week, an open student forum discussing the topic of freedom of speech online, on campus in the U.S., and around the world was organized in the MTCC Auditorium on Tuesday, October 8. Students, staff, and faculty were given the chance to have an open conversation about freedom of speech. Topics intended to be covered were the use of slurs, anti-LGBTQIA rhetoric, freedom of religion vs. speech, cat-calling, online presences, the IIT honor code and within the international sphere.

The panel was comprised of distinguished academics and university administration very well versed in the topic of free speech as it manifests itself on college campuses. Starting off was Associate Professor of Sociology and Director of Legal Studies at Northwestern University, Dr. Laura Beth Nielsen. Nielsen is an expert in the areas of sexual harassment in the workplace and beyond. According to her online Northwestern University biography, she is well-versed in "employment civil rights of all sorts including pregnancy, pay, race, sex, national origin, and a scholar of the legal profession." Nielsen is also a Research Professor with the American Bar Association.

Alongside her was Steven J. Heyman, Professor of Law at IIT's Chicago-Kent College of Law. Professor Heyman is a 1984 graduate of Harvard Law School, where he was a Supreme Court editor of the Harvard Law Review. He teaches torts, criminal law, legislation, constitutional law, and the First Amendment. Professor Heyman is a leading First Amendment scholar who has written extensively about freedom of speech and other aspects of constitutional law, according to his Chicago-Kent faculty profile.

Finally, accompanying the two, was our very own Erin MacDonald, Director of Student Conduct. Over her time at IIT, MacDonald has worked at multiple positions in Student Affairs and dealt with many conduct cases involving students, some of them stemming from miscommunication and misunderstandings in understanding or conveying opinions the right way.

After initial presentations by Heyman and Nielsen concerning the broad ideal (continued on Page 2)

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Rally to restore 4th Amendment rights

Drew Frenz
TECHNEWS WRITER

This summer, the world became aware of the NSA's secret domestic surveillance programs through material released by former NSA contractor Edward Snowden. The extent and implications of these revelations is staggering—nearly all electronic communications, foreign or domestic, which pass through the United States are recorded and analyzed by the NSA under the guise of preventing acts of terrorism.

While the contribution of the NSA's warrantless wiretapping to national security interests is questionable, its violation of the 4th Amendment of the United States Constitution is not. The 4th Amendment exists to protect the citizenry from arbitrary search,

seizure, or detention by government agencies without probable cause. The desire to hold electronic communications in private is not probable cause. The NSA's programs conducted under Patriot Act Section 215 and FISA Amendments Act 702 are a direct and flagrant violation of the constitutional rights of every American.

Just like the other amendments that make up the Bill of Rights, the 4th Amendment exists to protect the American people from oppressive government. What more could a potential authoritarian wish for than a list of every citizen who opposed him/her, together with incriminating information on each and every one of them?

Unfortunately as it may be that our elected leaders have betrayed the American people by authorizing such blatant violations of our basic rights, we are not powerless to

reverse this. Many in congress, previously unaware of the full extent of the NSA's domestic surveillance, have moved to defund the programs through the Amash Amendment, which enjoyed strong bipartisan support and nearly passed the house, failing by a mere 13 votes. We can still act to withdraw Patriot Act S215 and FAA 702 to restore the protections of the 4th Amendment and stall the erosion of our constitutional right to privacy by making our voices heard to legislators and educating the public of the importance of this issue.

Please join your fellow Chicagoans and myself at Federal Plaza on October 26 to stand up against the NSA's violations of our constitutional rights at a rally being held by Restore the Fourth Chicago.

More information may be found on Restore the Fourth Chicago's website: rt4chicago.com

Visit Vienna for vivacious escapades

Neesha Narayanan
TECHNEWS WRITER

I have been to Vienna multiple times but only had the opportunity to explore the city last summer. Vienna is the largest city in Austria. It is also the capital city with a rich cultural history, especially music. After crossing the German border, all I could see conquering the scenic beauty were The Alps, which, at one point, seemed to be prettier than Switzerland. The fresh mountain air gave me chills when we pulled over for few minutes to take in the mesmerizing view of The Alps. That is one of the best parts about driving—we can stop anywhere, anytime and take our own time to take in the scenic beauty, rather than being busy with our cameras for snapshots of the view from the inside of an express train!

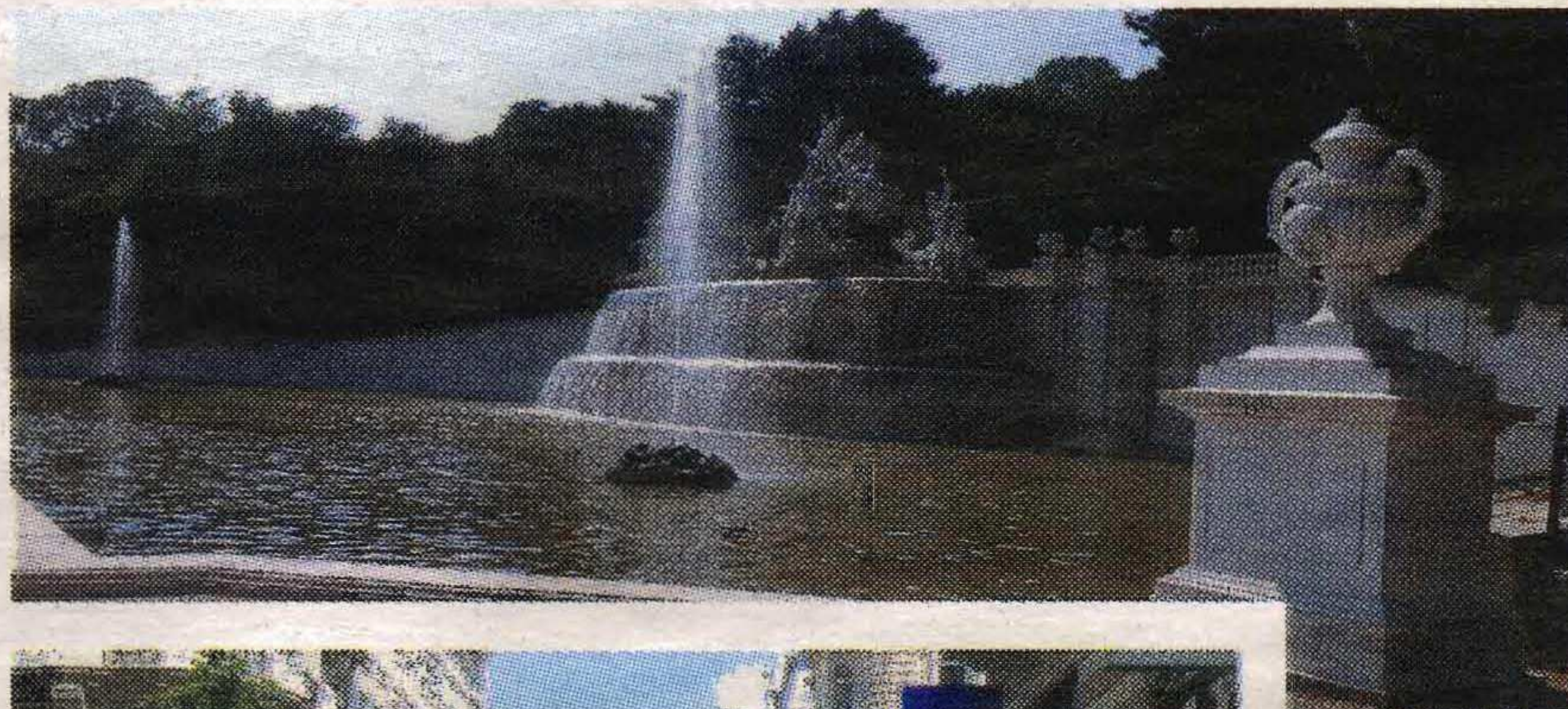
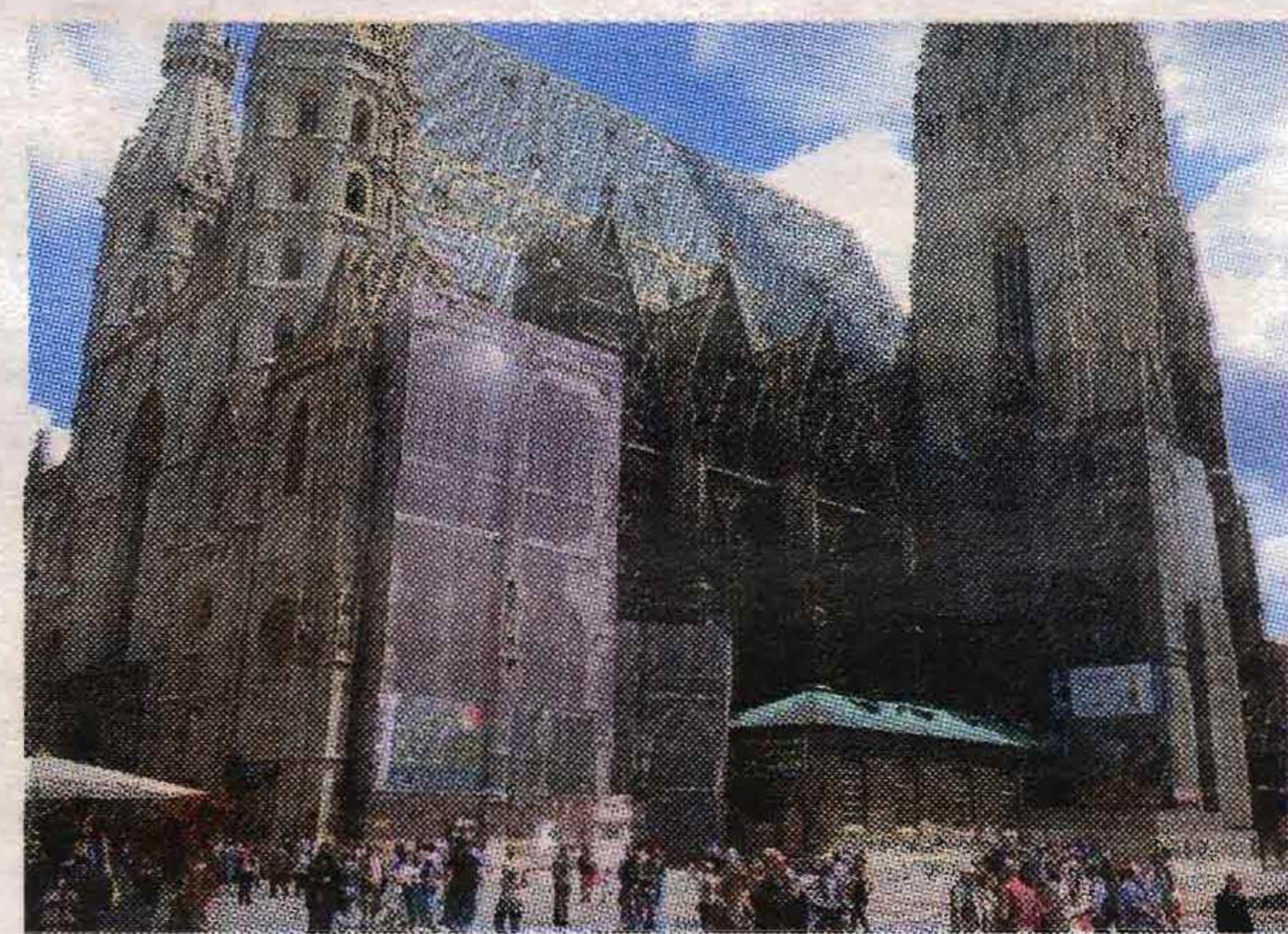
One should spend at least three to four days to explore this beautiful city. When it comes to exploring a culturally loaded city like Vienna, walking around the city is highly recommended to get to know the culture, the people, the food (Thuringen wurst, you cannot leave Vienna with tasting this!), and most importantly, the musical legacy. For people interested in classical music, Vienna State Opera is the place to experience it. Tickets to these per-

formances are highly sought after. When we were there, we attended a Mozart concert with a fancy dinner for 100 Euro per person. Man those tickets can be expensive! Nevertheless, it is worth experiencing. The building with its neo-renaissance style promises the viewers with magnificent interiors and definitely delivers. One feels like listening to classical music when entering the building. Also, for people who could not get tickets to the concert or who cannot afford to get them, they have the opportunity to view the concert via a broadcast on the exterior of the building, which really impressed me as it showed the mentality that everyone who is present there should get to experience a performance at the Vienna State Opera.

The area around the opera is really fancy with branded shops and restaurants. This is where you will find the maximum amount of tourists. This area is also my favorite as I go crazy every time I go to the Swarovski Flagship store. In the midst of all these attractive things, is St. Stephen's Cathedral, which is a Roman Catholic cathedral. The building is quite traditionally ornamented and still goes along with modern amenities. It also lets you walk around and get to know the place, even though it is crowded most of the time. Vienna has numerous monumental buildings, but one of the most splendid is Vienna City Hall. With

gothic style architecture, the place stuns people with its magnificent appointments of the state rooms for various conferences, concerts and events. That is one of the reasons I have been to Vienna multiple times. Another outstanding place I visited is Schoenbrunn Palace which is one of the most culturally significant places in Austria. Trust me, the place is so huge that you can spend a day or two exploring the palace without getting tired of it. It is a former imperial 1,441-room Rococo summer residence, with a variety of gardens and Roman ruins, Gloriette, the Neptune Fountain, and the Great Parterre. At one point I thought there was no end to the beautiful property that shows the impressive taste and style of the Monarchs at that time. The whole property at a glance is breathtaking. We spent three hours running inside a labyrinth with 10 feet tall hedges and that was just 1/16th of the property, so you can imagine how magnificent this place is.

The last thing that we did during our stay in Vienna was to sail the Danau river, which has a significant role as it flows through four European capital cities—Vienna, Bratislava (Slovakia), Budapest (Hungary) and Belgrade (Serbia). Interesting, right? This has now urged me to visit the other three capital cities. This is what I love, going to an unknown place and finding a connection to visit another unknown place.



Tales from the Victory Lap: Existing as members of minority groups @IIT

Miriam Schmid & Will Syvongsa
TECHNEWS WRITERS

Miriam's Story:

As an incoming female at IIT, advice from upperclassmen about the IIT ratio, dating, and social life at IIT is usually given unsolicited. Early on during my time at IIT I heard, "The odds are good, but the goods are odd." This adage is one that I heard repeatedly as a freshmen on campus from the upperclassmen women. In addition, I was told that you can't be too nice to the guys at IIT or they will automatically assume that you are attracted to them.

At first I wasn't worried, because most of my close friends in highschool had been guys; I could handle the IIT ratio. As my first semester progressed, I realized that I needed to have some female friends who

could understand and relate to my unique experiences: being the only female in a class, having upperclassmen hit on the freshmen girls, or having a crush on a guy who wasn't confident enough to make the first move. I needed to find a community of women to inspire me, challenge me, and most of all to support me.

Whether it is joining SWE (Society of Women Engineers), making a close groups of girl friends, or joining a sorority—like I chose—finding a community of women at IIT was surprisingly not very difficult for me.

Through joining numerous at organizations, I found that while women are a minority group at IIT, women are frequently leading major organizations across campus and represent a large number of the involved students on campus.

During Monday night chapter

meetings at ASA, it is often hard to remember that, as females, we are minorities. Communities, like the one offered by the sororities, are invaluable to students who find themselves a minority group at IIT. If a community doesn't currently exist for you, I challenge you to build one for others who may also feel alone.

Will's Story:

Being gay on IIT's campus can feel lonely. Many students have never interacted with a member of the LGBT community before coming to IIT. Because of that, equal rights for LGBT members isn't something many IIT students want to talk about, but it is a topic that is taking the world by storm. As a community, we should work together to make everyone feel welcome.

I came to terms with my sexuality my third year here at IIT. Because of my role as a resident adviser and my close relationship

with the Office of Campus Life, I found a lot of support from administration. For my own healing process, I decided to help program events geared towards LGBT issues and trying to create awareness. While attendance was never what I wanted at events, I've loved the quality of events I've had. We can talk about these issues; we just have to be open.

IIT students are intelligent and passionate individuals; we constantly question everything, but we are willing to donate our free time to worthy causes.

I am always amazed at how much heart IIT students have. My friends have proven to me that I can be who I want to be, that if someone can't accept it then they're not worth my time. IIT students care about each other and we should start showing it. Let's be compassionate and inclusive of everyone, regardless of sexual orientation.

'Sharing Table' fosters interaction between undergrad, graduate students, staff, faculty

Shireen Gul
COPY EDITOR

Who could understand the relationship between a student and an instructor better than me?

Three years ago I was an instructor myself and now I am a student here at IIT. When you enter an institute for the purpose of education all you hope for is to have a good instructor because they play the major role in education.

Usually you have really good instructors but you are afraid to bond with them especially when you are new to the institute as well as the community.

You don't know what the culture is like and are unsure of the people with whom you interact on a daily basis.

But then again, IIT is here to help us out with our problems. IIT Student Center for Diversity and Inclusion (SCDI) organized an amazing event called "The Sharing Table". The Sharing Table is held on the first Thursday of every month during the academic term. It is a special program to help foster personal interaction between undergraduates, graduate students and faculty. You can engage yourself in spirited conversation about hobbies, culture, sports, or current events while dining at The Commons. A small group of students are given the chance to learn a great deal about their instructors in this type of social setting.

I was lucky enough to be selected

as the student ambassador for this program. I have personally attended both of the meetings so far and they have both really helped me. The latest lunch was held on Thursday, October 3, 2013. We had a good number of faculty, staff and students who attended the lunch and I am hopeful that it will be even better next time.

I observed that sharing a meal and eating together with your instructor or faculty member (who might be your ideal) creates a strong primal bond. Students feel more relaxed in this type of setting than in the classroom at a desk. They will share more about themselves and their world both at school and away from it.

Improving students' relationships with instructors has important, positive and long-lasting implications for students' academ-

ic and social development. If a student feels a personal connection to a teacher, experiences frequent communication with a teacher, and receives more guidance, then the student is likely to become more trustful of that teacher and show more engagement in the academic content presented.

So all the awesome students out there who really want to spend some quality time with your instructor, please mark your calendar for the next luncheon, which will be held on November 7th at The Commons. We also have personal invitations that you can give to your instructors. You can get them by just sending an e-mail to scdi@iit.edu. Don't forget to follow us on twitter and instagram @iitdiversity and like us on SCDI IIT. Hope to see you all there next time!

IIT feminists united
presents:

Take Back The Night Week *

October 21 to October 25* * *

monday- Between Friends speaker

12:45-1:45 MTCC Brown Room

betweenfriendschicago.org

tuesday- Self-Defense class

6:30-8 MTCC Ballroom

register @ tinyurl.com/selfdefense2013

hosted by Women's Services

wednesday- Keynote speaker

"He Said-She Said" by Ryan Shank | Siegel Hall Auditorium @ 7

thursday- Sex Ed Boot Camp

7:30

hosted by Student Health and Wellness Center

friday- Walk A Mile In Her Shoes

registration @ 6:30 bandshell on the Quad

march @ 7

sign up @ tinyurl.com/iitwalkamile

email us @ iit.feministsunited@gmail.com

find us on facebook

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CAMPUS

(continued from Page 1)
Free Speech @IIT

and interpretation of "freedom of speech," including some rhetoric about the WBC itself, the panel started fielding questions from the audience on the topic of free speech.

Some of the more interesting questions asked the panelists to choose what aspect of the current legislation surrounding free speech would they choose to change, and how does free speech manifest itself when talking about student affairs at a university like IIT's which is so racially and culturally diverse. The International Center, represented by International Student Advisor/SEVIS Coordinator Tanya DePass, briefly mentioned some of their own outreach activities in order to spread some cultural awareness about what may or may not be regarded as free speech in different cultures or countries.

However, the case remains that all entities of the university need to be cognizant of hate speech and take efforts to correct it whenever encountered.

An event like this is crucial to the functioning of a university and the promotion of respect and empathy for all, stemming from a basic understanding of etiquette and community awareness. Universities can be breeding grounds for great discussions on civility and ethics, wherein the future leaders of tomorrow can come together and set expectations for what the free voicing of opinion will be like. This is crucial to the progress of our communities in specific and human society in general.

Genetic counselor speaks at biology colloquium

Travon Cooman
COPY EDITOR

Genetic Counseling At the Forefront of Today's Medicine' was the topic Sara Cherny, a Genetic Counselor, presented to the Biology Colloquium students and some faculty on September 30th. Cherny, who works at the Central DuPage Hospital, a private hospital which is part of the Cadence Health System pursued her undergraduate studies at Washington University, St. Louis where she majored in Biology and minored in Psychology. She graduated from the University of Minnesota with her Master's of Science degree in Cellular and Molecular Biology where she focused on Genetic Counseling.

One summer during her High School, Cherny was browsing through a course book while seated in one of the administrative offices at Brandeis University, Boston when she accidentally encountered Genetic Counseling. Her desire to become a Marine Biologist was displaced by Genetics where she would no longer be studying whales but serving as an advocate and counselor to patients.

Cherny enjoys meeting people daily and being able to have an impact on their lives. She expressed that her career has molded her in many aspects, especially as a leader. Unlike many persons who continue their jobs at home when the work day is over, she is delighted that her home is mostly a haven for relaxation and

not for a continuation of her daily work tasks. Cherny describes herself as someone who enjoys diversity, being engaged, an opportunist and an optimistic person.

Genetic Counseling involves helping people understand genetic information that is going to affect their life and health care. This includes educating patients about genetic concepts, interpretation of family and medical history, and serving as a counselor.

She currently works with Prenatal Genetic Counseling, where she advises and educates couples who are planning to have children about the screening and diagnostic process; Pediatric and Adult Genetics where she advises patients with symptoms; and Cardiology, she enjoys most. Other subspecialties include Cancer and laboratory Counseling but more is emerging as the field is developing.

As a Genetic Counselor, in her patient facing role Cherny identifies whether the patient is at risk of genetic complications, she interprets their medical history after analyzing the inheritance patterns she observes and suggests ways the patient can be helped. Although licensed, she is limited in terms of the treatment she can administer to her patients and sometimes has to refer them to other specialists. This aspect of her career shows that no one career is more important than the other; rather, they all work in synchrony.

Though challenging, Cherny counsels distraught patients that she cannot withhold test

results from due to her professional guidelines and ethics. In her Inward (Medical Community) Facing Role, she advises Physicians who can sometimes be reluctant and rigid in their thoughts about treating patients with genetic disorders.

A common genetic disorder, Down syndrome, which affects babies, was mentioned. By conducting tests, it can sometimes be known whether the baby is going to be born with this disorder, but the mother's care during her prenatal period can also influence this possibility. It can be a demanding task for nurses as well as the Genetic Counselor to comfort parents whose baby is affected by Down syndrome.

Another genetic disease, Marfan syndrome, a disease which many people thought affected Abraham Lincoln, is a genetic disease of the connective tissues. Patients with this disease tend to have an error in the way fibrillin is made. Sufferers have symptoms in their eyes, skin, joints and heart and commonly suffer from an aneurysm, which is the abnormal widening of the artery due to weakness in the wall of the blood vessel. This is a life threatening disease.

Microarray technology is one of the developed technologies that is currently being used to assist Genetic counselors in their diagnoses. A DNA microarray is a collection of microscopic DNA spots attached to a solid surface. It is used to measure the expression levels of large numbers of genes simultaneously

or to genotype multiple regions of a genome.

After doing a microarray of the entire genome at once, the results are used to explain to the patient the possibility and risk of them developing a particular Genetic Disease. Cell-free Fetal DNA testing, which involves analysis of freely circulating fetal DNA in a pregnant woman's bloodstream is a non-invasive method used for prenatal diagnoses. Another technology commonly used, Next Generation Sequencing (NGS), is a relatively fast and cheap technique.

Measures are being taken to treat babies at risk of genetic diseases by taking a blood sample from their heel 24 hours after they are born and analyzing it. This sample is screened for over 50 diseases in some states and less in others. It is important that such analyses be done because it can help prevent life threatening conditions and help to treat any conditions they have at birth. Treatment may include dietary changes, especially for people who have phenylketonuria, a genetic disorder where the body is unable to metabolize phenylalanine to tyrosine, which could lead to mental retardation, among other problems and even death.

Despite the effort that Genetic Counselors put into their occupation, it is rewarding and comforting for them to know that they console people, advocate for them and advise them to the best of their knowledge and understanding of their field.

IEEE Student Leadership Conference

Swasti Khuntia
LAYOUT EDITOR

The IEEE Region 4 Student Leadership Conference was hosted by the University of Minnesota from October 4 to October 6. A group of six students from IIT including four undergraduates and two graduate students, as well as participants from other universities in Region 4 attended the conference. Region 4 includes all and or parts of the states of Illinois, Indiana, Iowa, Michigan, Minnesota, Nebraska, North and South Dakota, Ohio, and Wisconsin, USA and Windsor Area Canada.

There were invited speaker sessions, leadership trainings and contests in which IIT students won first place. The speaker session covered a variety of topics including the current state of art scientific research, professional and leadership development.

The first speaker session was by Ms. Cheryl Moeller on IEEE STEP (Student Transition and Elevation Program). She spoke about how the STEP program introduces opportunities and benefits of IEEE membership while providing a swift transition from student member to professional member. Dr. Nikolas Papanikolopoulos of University of Minnesota talked about his projects on vision-based sensing and classification of vehicles, and the recognition of human activity patterns in public areas and while driving.

Dr. Greg Mowry of University of St. Thomas was one of the most interesting speakers. He is a brilliant scientist, engineer and professor today who left his six-figure paying job for ethical reasons. Dr. Mowry attended Iowa State University, Stanford and University of Minnesota for his B.S., M.S., and PhD. He spent his entire corporate life as an inventor in fortune 500 companies as an R&D scientist and engineer. He talked about his

experience in all these work environments and how he moved to academia.

The various contests in the conference included Micromouse (a challenging and popular robotics competition), Brown Bag (circuit design competition), Ethics competition and Project showcase competition. The team for Micromouse was led by Gabriel Vlas, Michal Bialas, and Swasti R. Khuntia. They had to construct an autonomous mouse that navigates to the center of a random maze starting from a specified corner. Brown bag team comprising of Alejandra Rodriguez and Rohit Agarwal won the first place. For the Ethics competition, Aditya Kumar from IIT had to team up with students from other universities in which they had to devise a solution for an ethical dilemma.

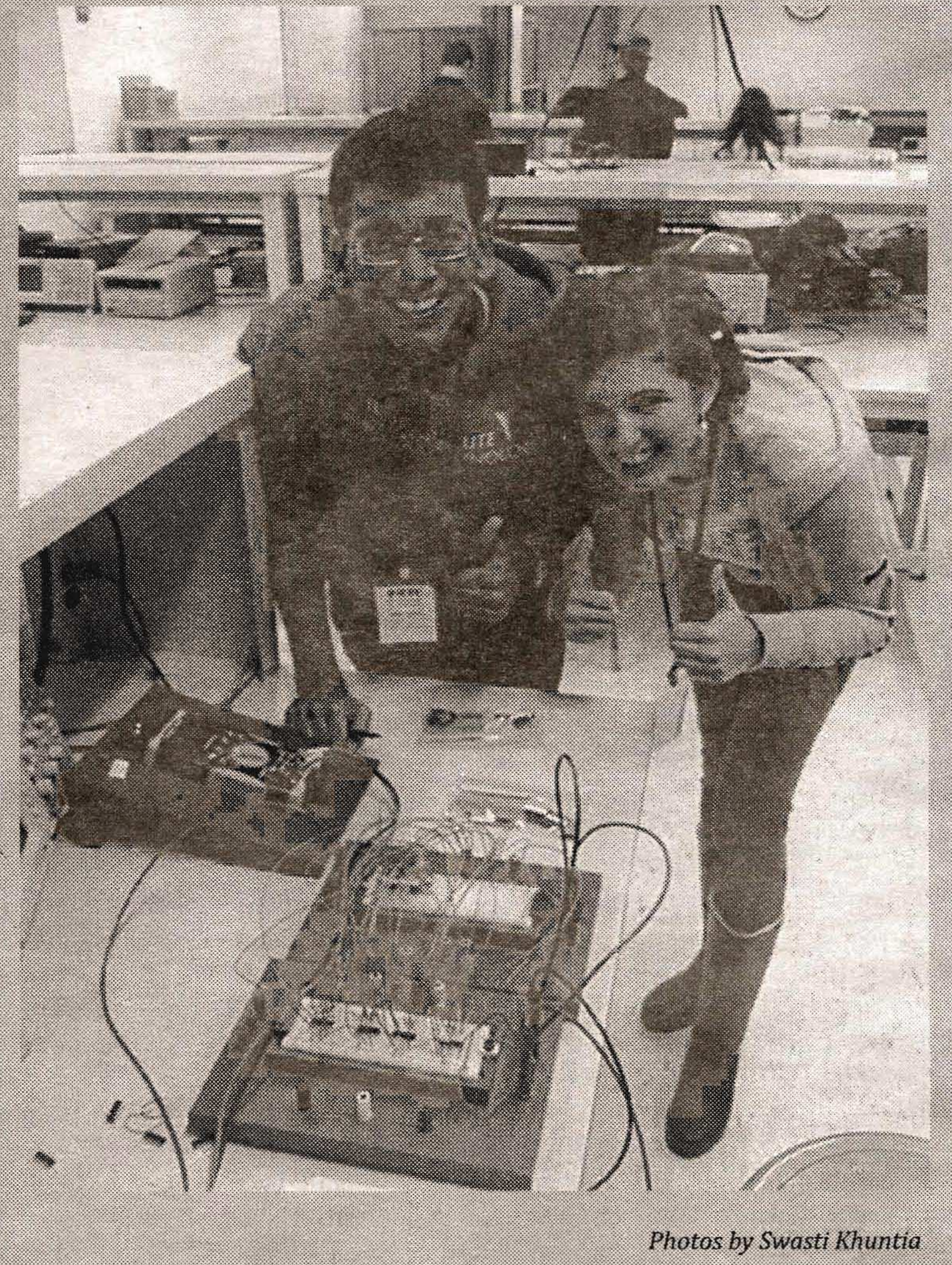
The banquet dinner had a remarkable keynote speaker, Dr. Massoud Amin. He holds multiple responsibilities in the University of Minnesota. Dr. Amin is

the Director of the Technological Leadership Institute (TLI), Honeywell/H.W. Sweatt Chair in Technological Leadership, Professor of Electrical and Computer Engineering and University Distinguished Teaching Professor. Prior to that, he has served Electric Power Research Institute (EPRI), United States (US) Dept. of Defense, US Air Force, US Army Research Office, US Dept. of Energy, NSF, etc.

He talked about his experience as a power system researcher as how he initiated, successfully created and managed research and development towards the smart self-healing electric power grid. Then he described how he developed more than twenty four advanced technologies to enhance the security of national critical infrastructures.

It was one of the most informative talks in the conference.

Overall, the conference was an amazing experience for all the attendees.



Photos by Swasti Khuntia

Shimer College gets dressed up for new president's inauguration

Matti Scannell
A&E EDITOR

On September 20, Shimer College officially inaugurated their fourteenth president, Susan Henking. The inauguration ceremony, which took place at the Standard Club in the loop, was a way of formally recognizing Susan Henking as president although she has worked at Shimer College since early 2012 following an exhaustive national search.

The ceremony began with four VanderCook music students playing as a procession of robed representatives of colleges and universities, past presidents of the college, members of the Shimer board of trustees, Shimer faculty, four student representatives, each representing a current Shimer class, representatives from city and state legislatures, the chair of the Board of Trustees, and the President herself, entered the room.

Following the processional, Dean of the College, Barabara Stone, was the first to speak. She began by thanking various parties for being present including Shimer's past presidents Don Moon, Bill Rice, and Ed Noonan. She gave President Henking the promise that "we will

make sure you continue to be challenged."

Next, Nancy Nickel, President of the Shimer College Alumni Association spoke of the joy felt when Susan Henking became president of Shimer, "if walls could talk, they would have shouted for joy," she said. Glendalyn Booker, Bursar and Business Office Manager of Shimer, recalled one morning in which President Henking approached her, notebook in hand, asking "What can I do to help the business office?" To Ms. Booker, this moment embodied the Shimer motto "Non Ministrari Sed Ministrare" or "Not to be served but to serve."

Brenton Stewart, member of the class of '14, drew on his own experience with President Henking in the early days of her presidency; he spoke of an instance in which she toasted to student workers and "really made us feel like equals." Following Stewart's speech, (which ended with a remark that caused our dear President to go scarlet in the face and would be indecent to repeat in front of our more modest readers) Margaret M. Mitchell, Dean of the University of Chicago (UofC) Divinity School, spoke. President Henking received her master's degree from the University of Chicago Divinity School and Dean Mitchell spoke of

the pride that UofC had towards its alumna for receiving the presidency position.

John Anderson, President of IIT, or as he refers to himself "Shimer's Landlord," spoke of how the presence of VanderCook College of Music, and Shimer College on IIT's campus allows provides students with an "intellectually rich menu of opportunities" that one would be hard-pressed to find elsewhere in the US. Pat Dowell, the alderman of the third Ward of Chicago, spoke of how Shimer's goals are similar to that of a great democracy in that Shimer seeks to have an active citizenry that engages everyone in the process of change.

Next, Chuck Middleton, President of Roosevelt University, proclaimed that the selection of Susan Henking as the fourteenth president speaks not only of the quality of the leader but also the integrity of the institution that selected her. Finally Sally Brown, Chair of the Board and member of the Shimer College class of '63, spoke of Shimer's history of being "dangerously optimistic" and the certainty of the board that Susan Henking should be our president, as she would continue that tradition.

The Oath of Office was then administered by Brown and followed by Henking's own Inaugural Address entitled,

"Because Our Lives Depend Upon It" in which she talked about how "like all of us, Shimer is a work-in-progress."

As a Shimer student, this event allowed me to examine how lucky we are to have so many different parties involved in the development and maintenance of our incredible school. We are lucky to have an amazing president who is so committed to improving our educational experience and affirming Shimer communal values. We are also lucky to have staff, faculty, and a board of trustees equally committed to these goals.

During the reception in the Grand Ballroom following the ceremony, the Assistant Director of Admissions, Adrian Nelson said, "It's this kind of event that reminds me why I love where I work."

As the various speakers who participated in the greetings to the president during the ceremony show, Henking's presidency is meaningful not only to the student community but also to the IIT, Chicago, and academic communities. I am extremely proud to have a president who is able to connect not only with politicians and administrators but also able to have meaningful interactions with the students of her institution.

WISER lecture discusses energy efficient power systems

Swasti Khuntia
LAYOUT EDITOR

Continuing the trend as a part of "Seminar Series on Challenges and Opportunities in Energy", the Wanger Institute for Sustainable Energy Research (WISER) at the Department of Electrical and Computer Engineering at IIT and Galvin Center for Electricity Innovation organized a lecture on "Wide Band Gap (WBG) Semiconductor Power Switching Devices."

The lecture was delivered by Dr. Krishna Shenai of Argonne National Laboratory and hosted by Dr. John Shen of the ECE Department. The talk was about the

recent advances in Wide Band Gap (WBG) power devices and future trends for increased energy efficiency, improved and reliable power systems.

Dr. Krishna Shenai received his B.Tech degree from the Indian Institute of Technology-Madras (1979), M.S. degree from the University of Maryland (1981), and Ph.D. (EE) degree from Stanford University (1986) in Electrical Engineering. Currently, he is working at Argonne National Laboratory as the Principal Electrical Engineer within the Energy Systems Division. He leads a group at Argonne which aims to develop and commercialize Wide Band Gap (WBG) semiconductor materials and devices for power electronic applications.

Dr. Shenai's talk was about the

current area of research in Wide Band Gap power devices. He has been working in the area of power semiconductor materials and devices for more than 30 years, and also considered as a pioneer in this field. He is also credited for the multi-billion dollars of annual sales revenue by developing several key concepts and foundation technologies of major power electronics products. The talk started with a few famous quotes by Thomas Alva Edison like "Genius is one percent inspiration, ninety-nine percent perspiration." Then Dr. Shenai talked about the history of US power grid citing the milestones; Edison invented DC in 1882, Tesla invented AC in 1888 and Westinghouse invented the DC to AC converter in the same year.

Then he discussed the importance of

Silicon in electricity. Describing how silicon has remained the industry workhorse for solid-state electrical power switching, he spoke about the joint effort to develop silicon carbide (SiC) and gallium nitride (GaN) power semiconductor switching devices in the past two decades.

These two devices are the new area of research because of their superior electrical and thermal performances compared to silicon power switching devices.

At the end, Dr. Shenai focused on the concept of a "Perfect Power System" and how Galvin Center for Electricity Innovation at IIT is working in realizing that concept. Overall, it was a very informative and interactive talk which was attended by large bunch of students and ECE faculty members.

Person you should know:

Melisa Lopez



Joannas Joseph
TECHNEWS WRITER

Just over a year ago, a change was seen in infrastructure when the One Stop was introduced to the MTCC, it is the hub for the registrar, financial services, academic affairs and student accounting. With such a move, there was a need to have someone experienced in all of these facets to head this department, and it was placed into the capable hands of Melisa Lopez. She has unequivocally been a valued asset through her seventeen year tenure as a Coordinator and Assistant Director of Educational Services (renamed Undergraduate Affairs).

Lopez obtained B.S. in Consumer Affairs and MSED in Education in Guidance and Counseling with a concentration in College Student Personnel from Eastern Illinois University and ultimately wanted to work in schools. Lopez cited IIT as her first job out of school, to "get that experience and move on" after doing consecutive degrees.

When asked what the exact scope of her responsibilities are as the manager of the One Stop she simply states, "making students happy." The demands of the job are seasonal, and every individual case is different, but the end goal is all the same. Ensuring that the needs of the students are accommodate. "One-on-one counseling, being able to point them [students] into the right direction, being a sound board, someone they can talk to..." are some of the ways employed by Lopez to address student issues.

"Never feel like you're trapped in what you're studying... the most likely careers are thing you don't look for," was one piece of

advice that Lopez wanted to leave with ever student at IIT. Lopez is a testament of this, having started off as an accounting major and never thinking that she would have ended up in Higher Education after completing her Consumer Affairs degree.

One addition to IIT's undergraduate experience which Lopez thought was lacking was a Peer Helper Program, but a similar initiative spearheaded by the Office of Campus Life was implemented as the Peer Mentor Program as part of the First Year Experience. When proposed the idea of academic and career advising as a joint venture for student advising, her thoughts were, "I think that's good but I don't know about the first year because students know what they want... the relationship between the two advisers should be built." She is vehement that students should seek internships and co-ops during their undergraduate career to gain real-world professional experience.

Lopez has one of the most inviting offices on campus, with super hero figurines on her filing cabinets, her children's school art, and cousin's comic book art posted on her walls. "It's somewhere I am more than I am at home." Lopez stated when speaking on her office décor. Outside of the confines of IIT, Lopez is currently serving as a girl's scout leader for her oldest daughter.

Although well-equipped, Lopez is adamant when speaking on the functionality of the One Stop, "We want to know what students want from us... we want to know how to serve you better," and hopes that the Student Speak survey will provide more insight into that. Next month, Lopez will be celebrating her 18th year anniversary at IIT and if you see her around congratulate her on a job well done.



GREEK of the WEEK

Meet Alexandra Miller.

"Love as if you'll live forever, live as if you'll die today"

Year: Fourth

Major: Civil Engineering

Greek Affiliation: Kappa Phi Delta

Hometown: Bedford, NH

Leadership Positions at IIT: President of CMAA-IIT, Treasurer Kappa Phi Delta, Leadership Academy Scholar, ARC Tutor

Hobbies: Knitting, crocheting, Greek football, watching the Patriots, hiking

How has Greek life developed you as a person and a leader?

Constantly being surrounded by some of the most intelligent, hardworking people I have ever met challenges me to continue pushing myself to grow and be the best version of myself that I could possibly be. I know that I have high standards to live up to, but also that they are my safety net, and they'll pick me up when I fall.

What would be your advice for an incoming student?

Find your support system. For me, it was here in the Greek system. It may not be there for everyone, but as long as you find a group of people that will be there for you and encourage you to find a school/fun balance as school and life gets challenging, you'll be able to make it through.

If you could visit any country in the world, where would you go and why?

Spain. I've always wanted to explore their culture, taste their food, listen to their music (maybe even learn to dance to it).

What's something most people don't know about you?

My friend says "For your size, you're a lot tougher than people would think."

What's one of your favorite questions to get a conversation going?

What do you believe in? And how does that make you who you are?

Questions? Email orderofomegaiit@gmail.com



IEEE@IIT invites National Instruments, Goldman Sachs to campus

Swasti Khuntia
LAYOUT EDITOR

Last week has been a busy week for IEEE@IIT. IEEE@IIT organized a series of events on and off-campus which includes their second general meeting of the Fall semester, invited companies like National Instruments and Goldman Sachs to the campus, and also organized a tour to the Microsoft Technology Center in downtown Chicago.

The second general meeting was held on October 9 in Wishnick Hall Auditorium. As promised in the first general meeting, this meeting aimed to notify the students about the

work being done by IEEE@IIT and the main attraction was National Instruments. Mehdi Ganji, President of the IEEE Chapter at IIT welcomed the students, IEEE faculty adviser Dr. Chi Zou and the representative from National Instruments.

Mehdi spoke about the benefits being a member of IEEE by citing the example of recent achievement by IIT students in the Regional Leadership Conference. Members of the group Gabriel Vlas, Rohit Agarwal and Swasti R. Khuntia were present in the meeting. Swasti spoke to the students about their experience in the conference.

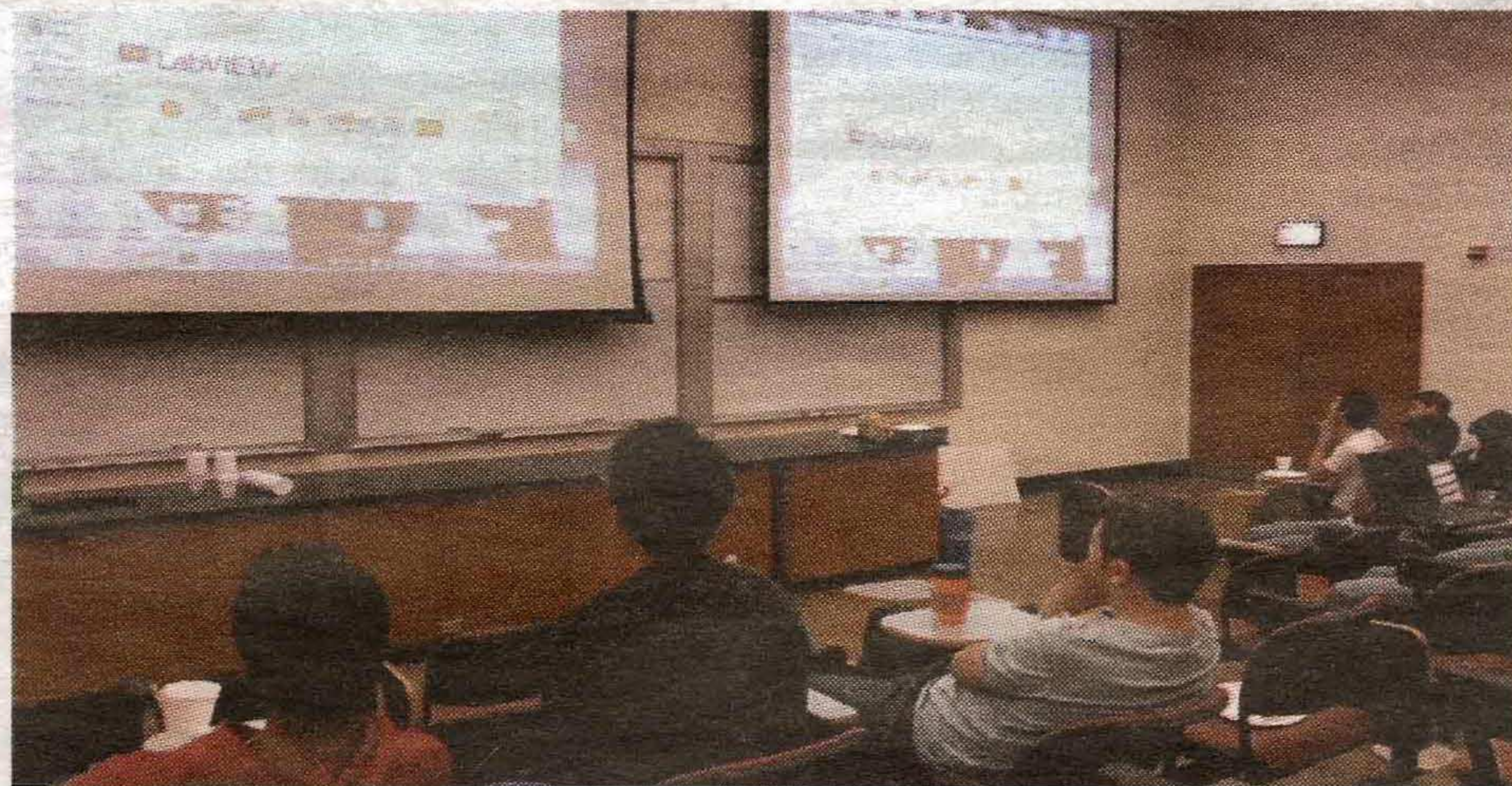
Juan Wang, Project Chair of IEEE@IIT gave an overview of the current four projects

which are being sponsored by IEEE and IIT together. She also asked the students to join any project they like as it would give them a wide exposure in the competitive world. She also announced two new projects. One of them is the "Raspberry Pi" project which is sponsored by the Galvin Center for Electricity Innovation. The other project is the "Kinect" project which would be sponsored by Microsoft.

Mehdi announced the first tour of fall semester to the Microsoft Technology Center which was held on Friday, October 11, 2013. He also announced the guest speaker session by Goldman Sachs on "Enterprise Product Engineering" which was held on the evening of Wednesday, October 9, 2013. After the

talk, he invited Mr. Dave Collins of National Instruments to deliver his talk on "From the Other Side of the Table: Lessons in Corporate Recruiting from a New Hire."

Dave gave a short demo of the various NI products, and discussed the journey of NI in past decades. Citing the example of the famous NI-RIO (Reconfigurable I/O), he said that students can benefit from the automation controller in their projects. He also demonstrated one use of that controller. Then he advised the students about recruiting policies of NI and how to prepare oneself. At the end, Dave interacted with students about future prospects in NI. Overall, it was an informative and interactive session.



Photos by Swasti Khuntia

Undergrad math symposium at UIC

Anoopa Sundararajan
COPY EDITOR

The fourth annual Undergraduate Mathematics Symposium (UMS) was held on Saturday, October 5th at the University of Illinois at Chicago (UIC). Organized by Alex Austin, David Dumas and Steve Hurder, the event drew a large range of attendees, from college freshmen to professors and researchers prominent in the field.

The day-long event began with coffee and registration where attendees from a various different backgrounds introduced themselves and briefly got to know each other. The morning session consisted of three plenary lectures given by professors and researchers—Lev Reyzin from UIC (Three Great Ideas in Computing), Jim Fowler from The Ohio State University (Projective Planes) and Irina Nenciu from UIC (Modeling with Randomness). They each simplified their highly technical research so that it was comprehensible by almost every member of the audience. At the end of a successful three-hour morning session, lunch was served, to gear up for the first afternoon session of student speakers.

Ayah Almousa, a student from the University of Wisconsin-Madison, led the first session of the afternoon with her talk on "Counting Polynomials with Given Root Multiplicities". Her 20-minute lecture was followed by fellow Wisconsin-Madison college mate Derek Francour, who added on to Almousa's talk by giving his own on "Computing the Shape of Configuration Spaces". All speakers accepted questions separately, at the end of their respective talks and referred back to their research experiences in responding to them. Weston Ungemach of the University of Chicago followed, with his lecture on "A Better Bound

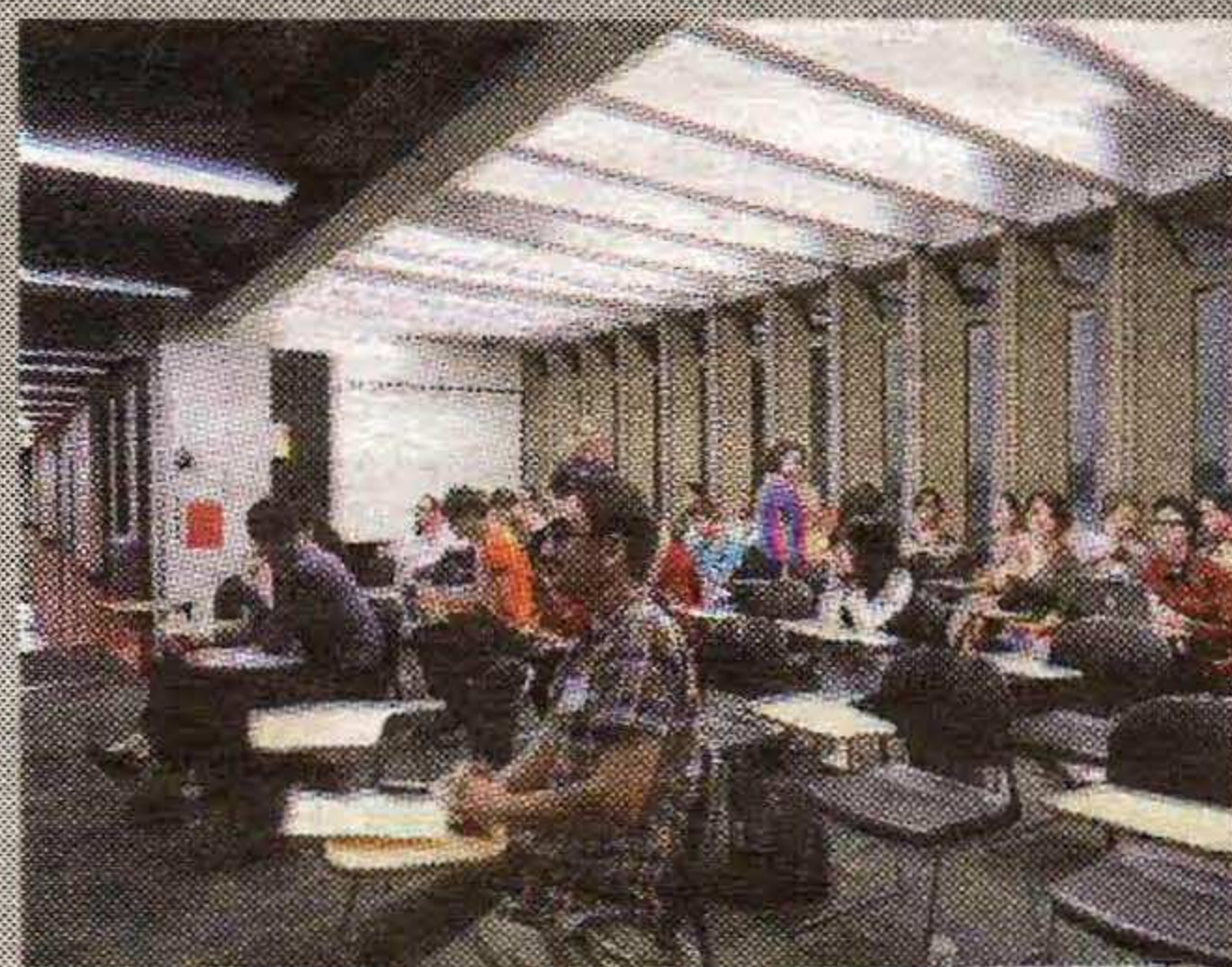
on the Size of Isospectral Families." The first afternoon session ended with a lecture on "Negative Snell's Law" by Kelsey DiPietro of UIC. DiPietro claimed that understanding her talk required no more than a good handle on high school geometry and did indeed deliver.

Following a coffee break, the second session of the afternoon resumed at 3:30 p.m. with Lisa Gullo of the Dominican University, who gave her lecture on "Optimal Paths in Graphs with Variable Weights." She demonstrated, very interestingly, her team's analysis of the different traffic patterns between Gary, Indiana and O'Hare Airport, based on mean times that were affected by what day of the week it was and what time of the day. In her summary of her lecture, she said that they used "Monte Carlo simulations in conjunction with Dijkstra's algorithm to analyze the effect that standard deviations have on the optimal path."

The final two lectures of the day were given by Bradley Lewis Burdick from The Ohio State University, and Rachel Katz from the University of Chicago. Burdick's lecture was titled "A Simplicial Tutte Flows Conjecture" and the research was completed as part of The Ohio State University's 2013 Knots and Graphs Working Group. Katz's lecture on "The Colored Cubes Problem" and was the perfect combination of fun and seriousness to end the event.

The fourth annual Undergraduate Mathematics Symposium at UIC was the perfect opportunity to get a firsthand look at the interesting and complicated world that is research in Mathematics.

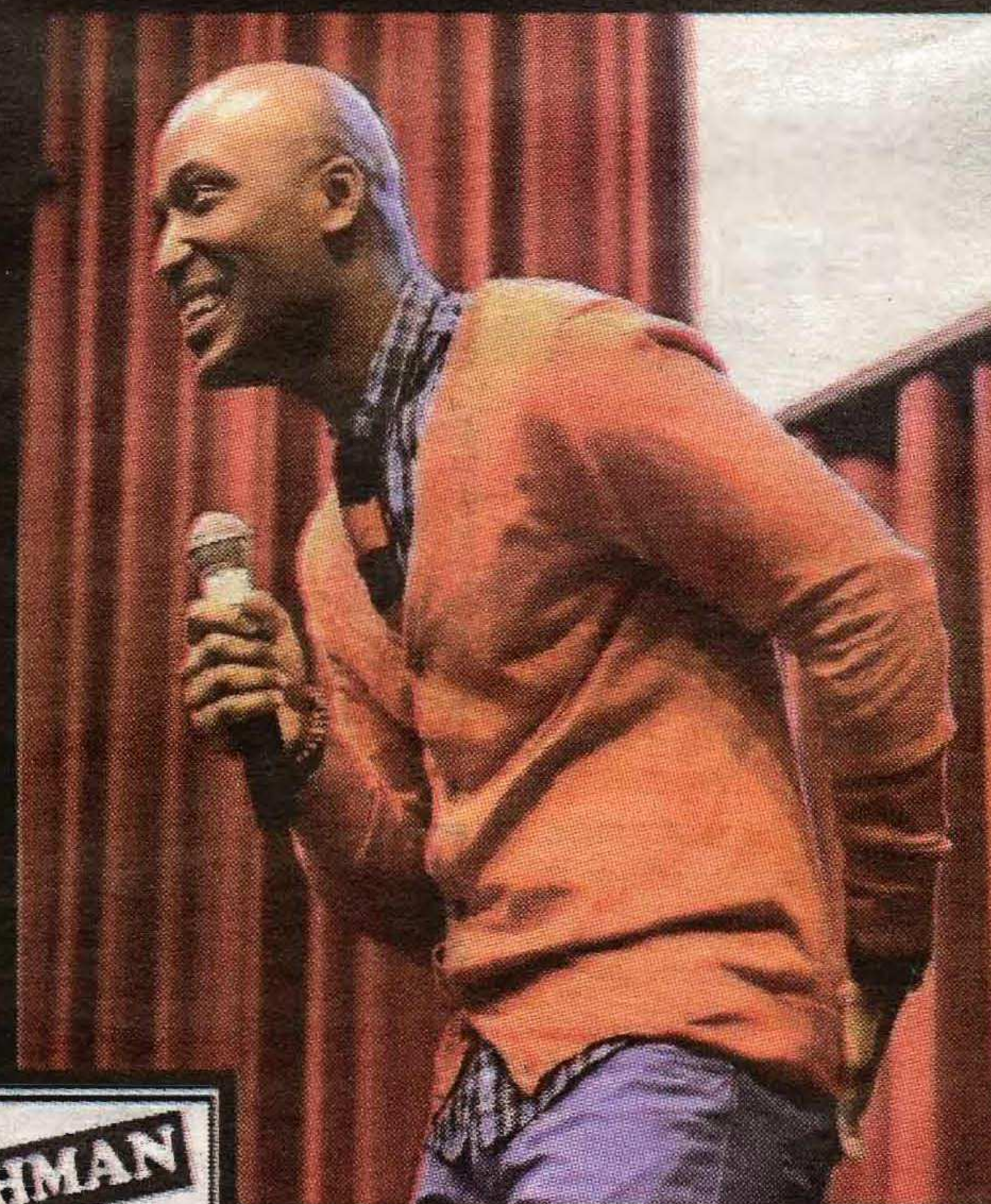
For more information on this and previous symposia, contact David Dumas (ddumas@math.uic.edu) or look up the webpage for the event (<http://www.math.uic.edu/ums/>)



Photos by Anoopa Sundararajan

Rwandan Genocide Survivor and
GLBT Advocate

DANIEL TRUST



FRESHMAN
15

October 24 at 7 pm

MTCC Auditorium

CONGRATULATIONS PUMPKIN LAUNCH WINNERS!

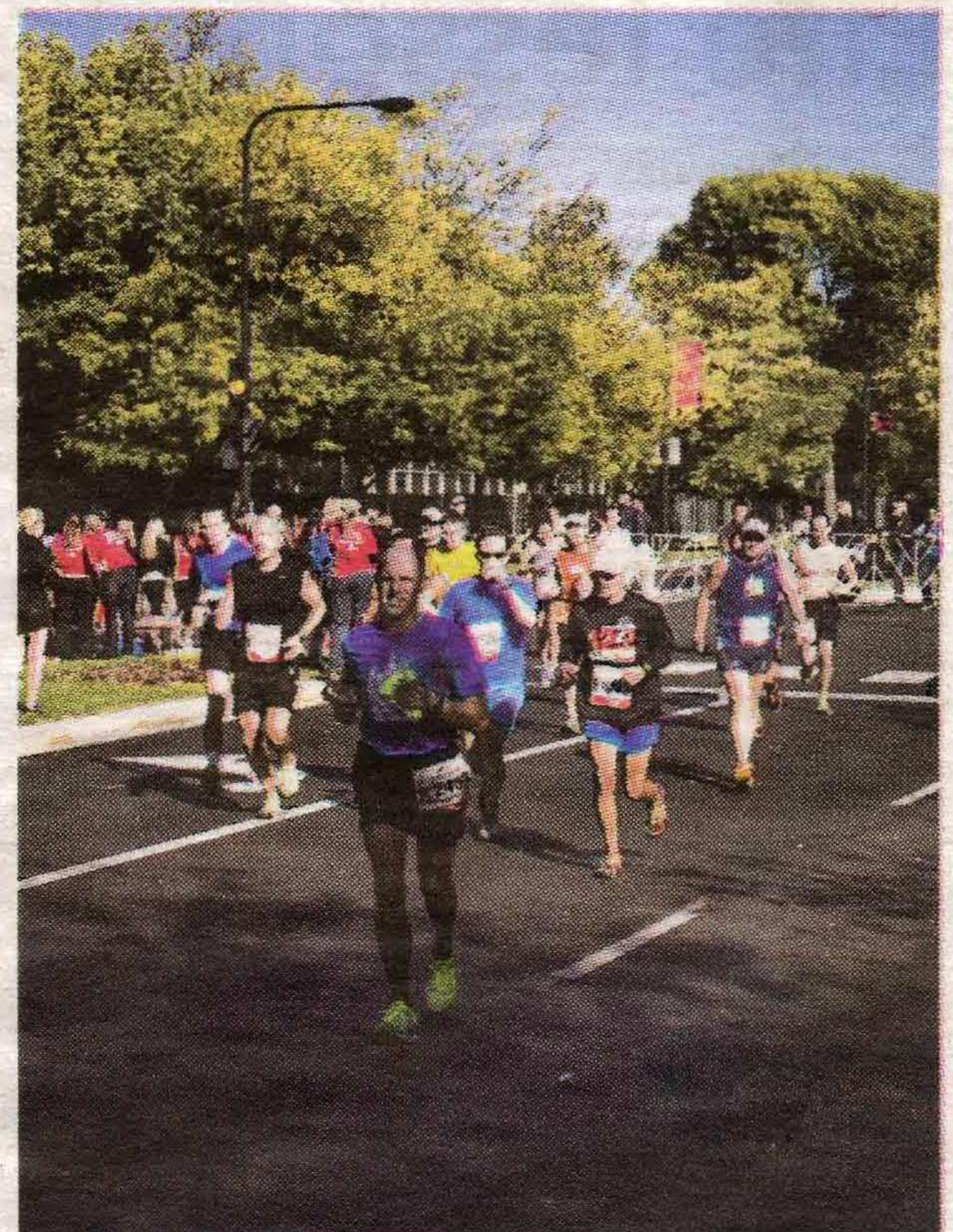
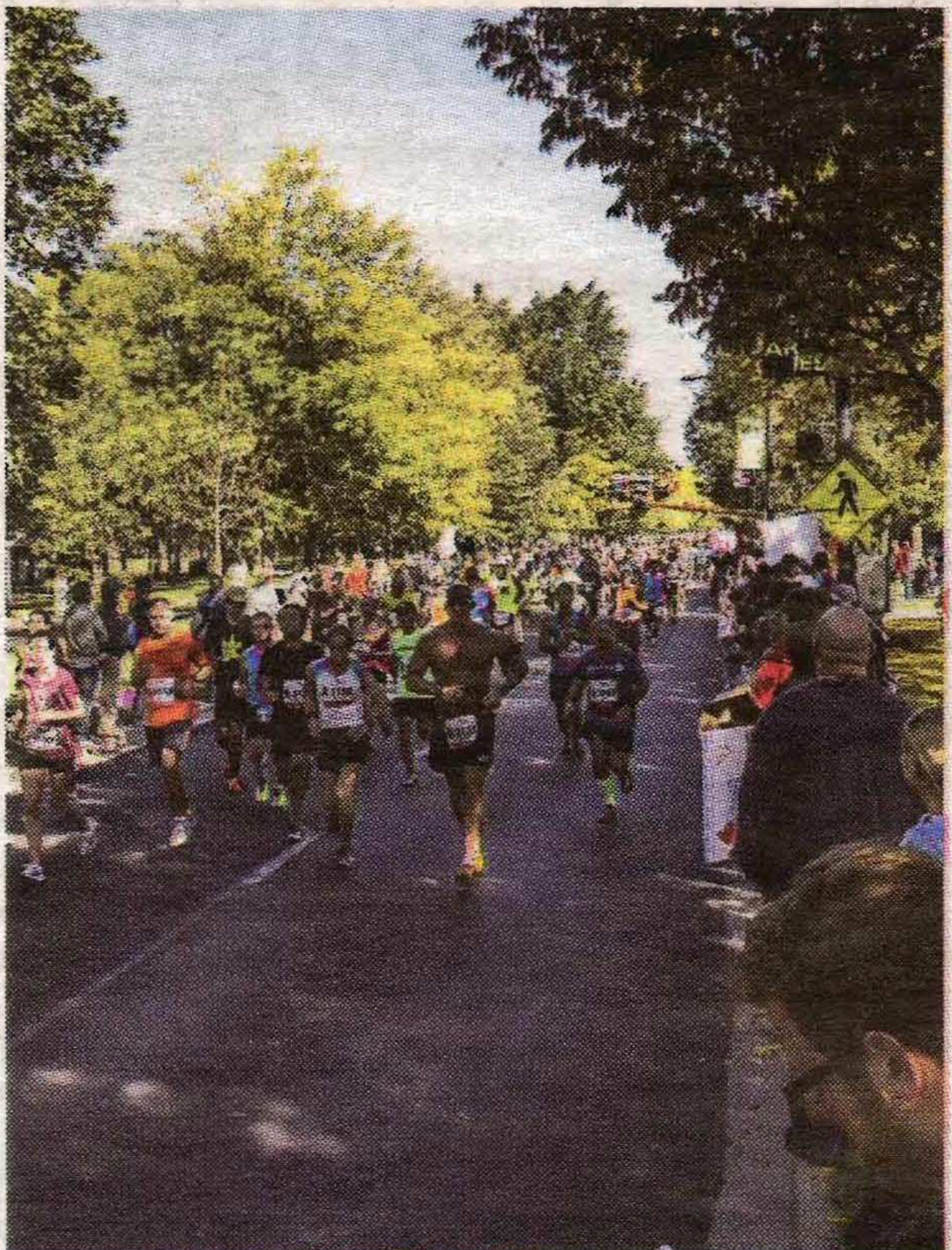
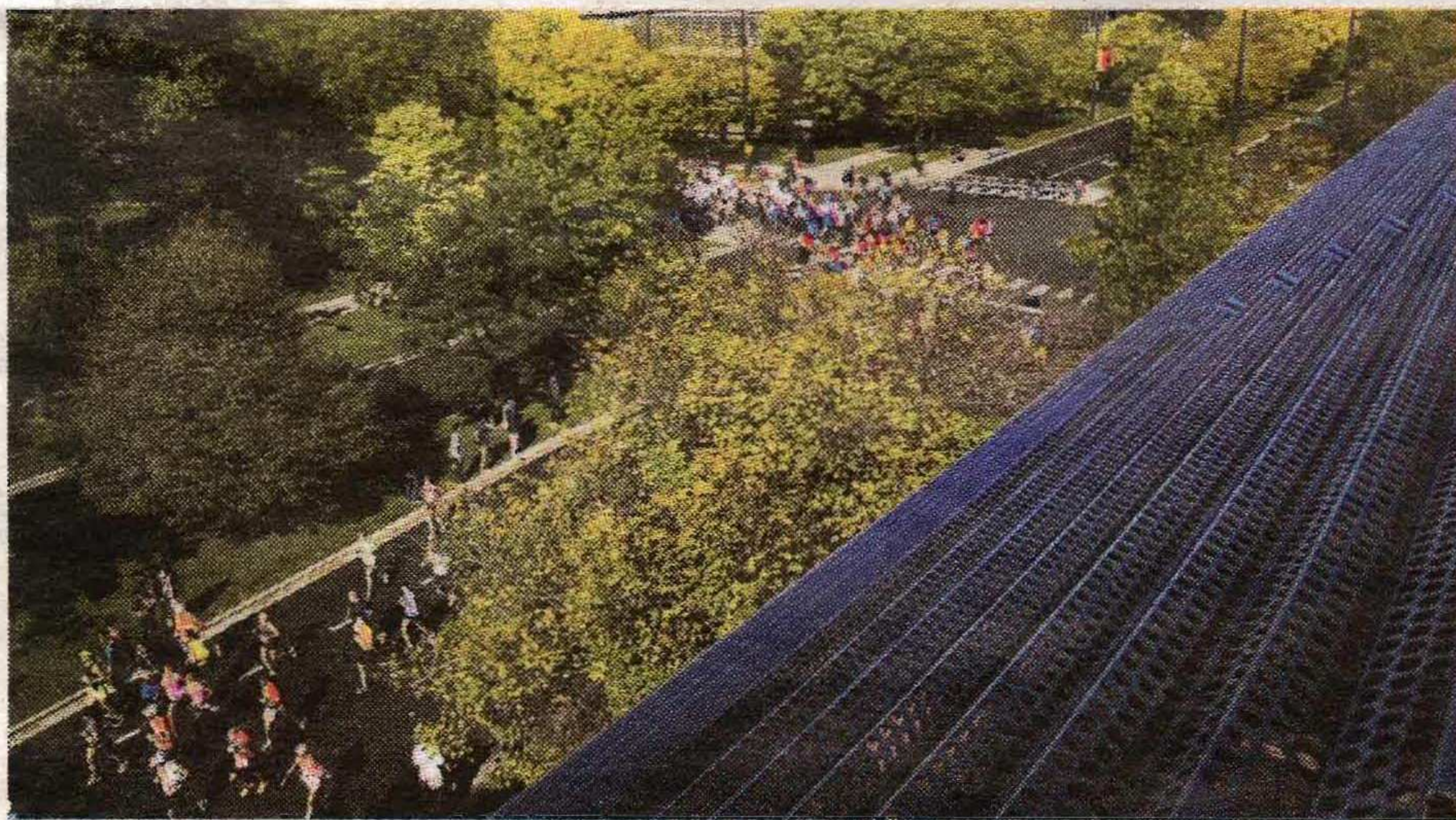
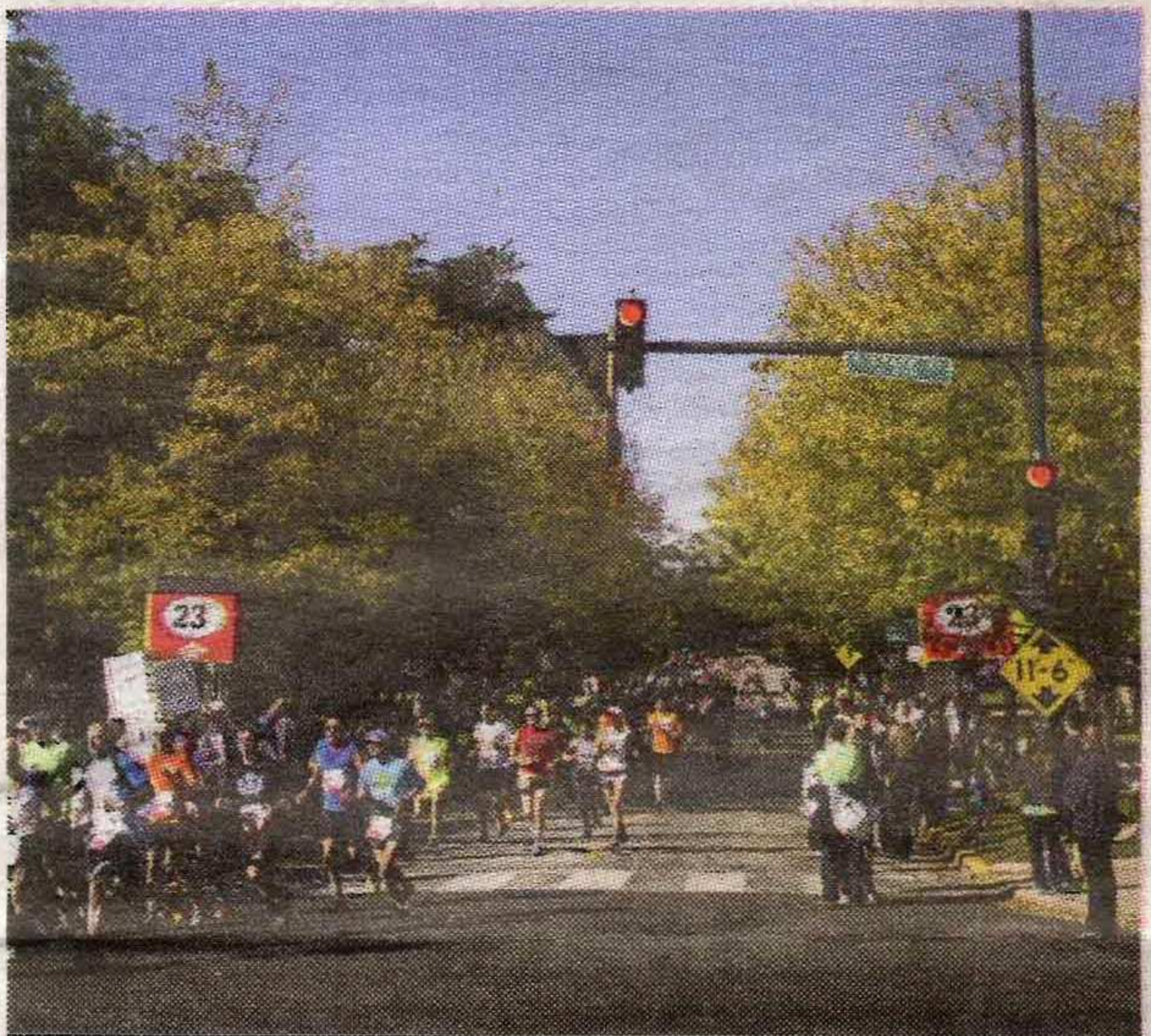
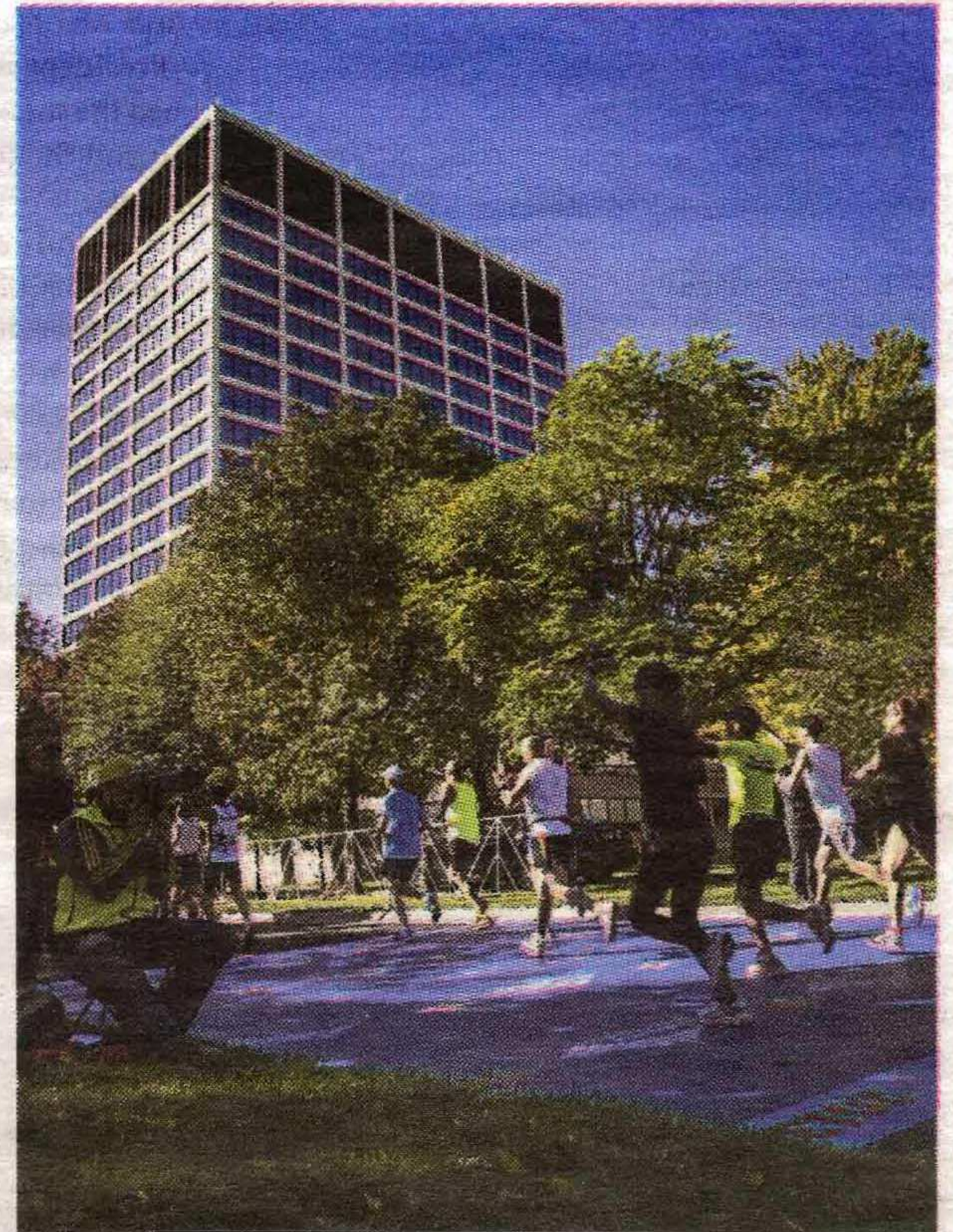
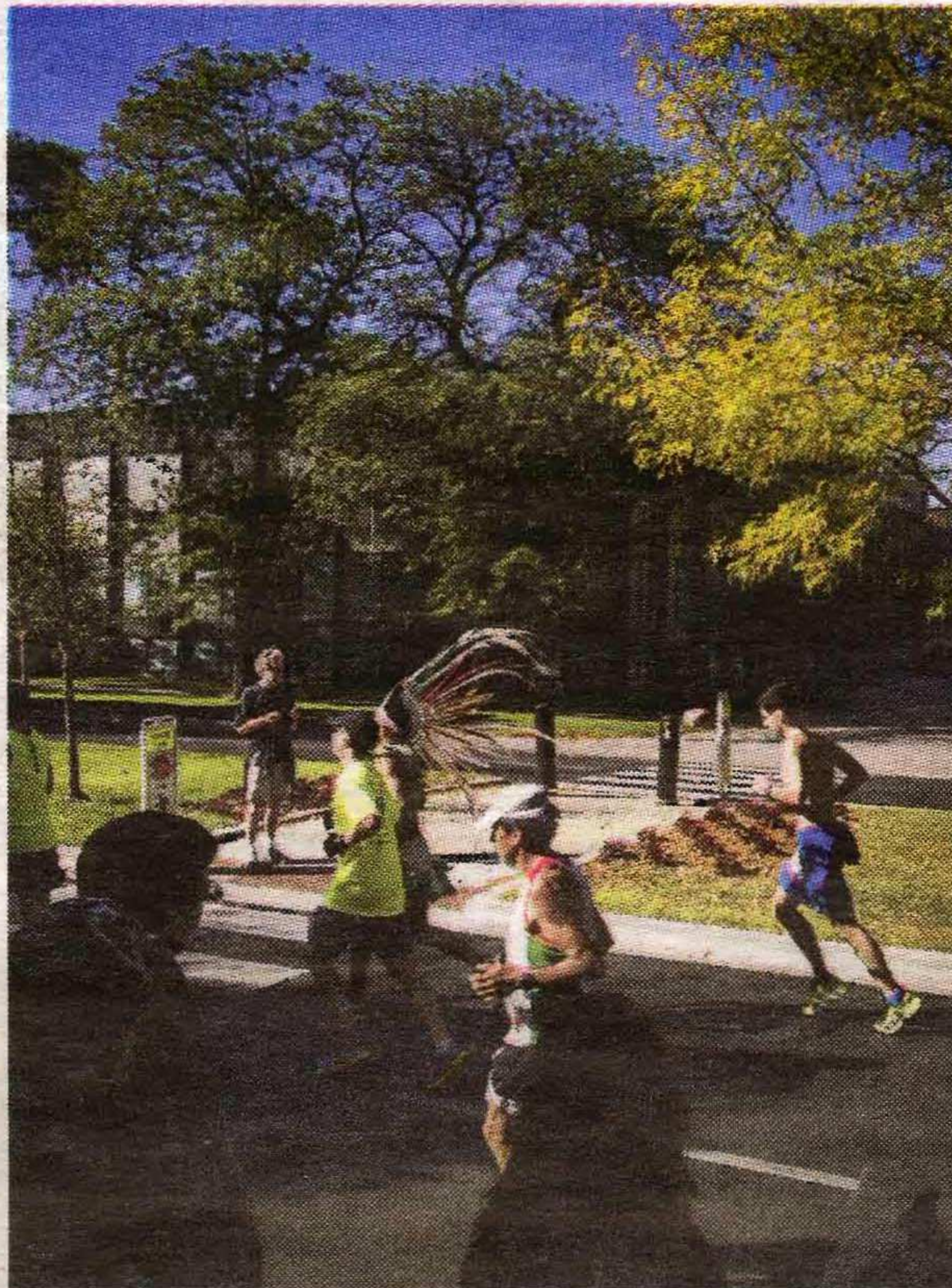
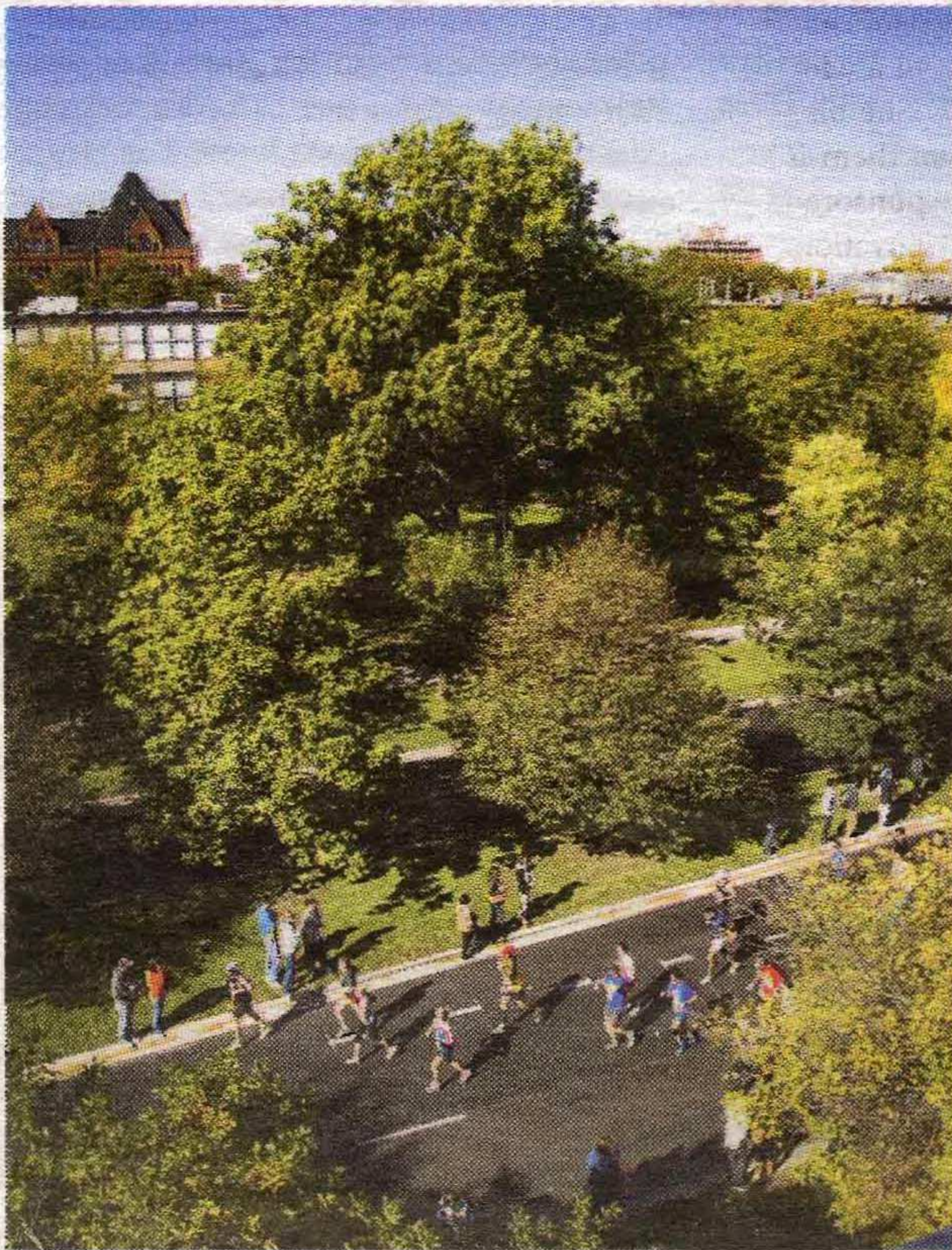
Longest Distance:

1st place - Long shot - 361 feet

2nd place - Keep on Chukin' - 205 feet

3rd place - NSBE—172 feet, 1 inch

Chicago Marathon zooms through campus



Movie Review:

Sexually-charged 'Don Jon' explores societal pressures of love

Melanie Decelles

STAFF WRITER

I have always had a deep abiding love for Joseph Gordon-Levitt. He's a beautiful man with a penchant for indie films, so basically, we're soul mates. I wanted to make sure I supported his new endeavor as writer/director/star in the long anticipated film "Don Jon" so I made sure to check it out the week it premiered. Granted, I didn't know too much about the film beside the very non-descriptive trailer and the fact that I am madly in love with the star.

I saw the film in a full theater where my lack of knowledge about the film seemed to be the norm. There were college girls there to support the man that had been their crush

since "Third Rock from the Sun"—Tommy hit his growth spurt—and college men who were intrigued by the idea of a porn-focused film. All of us settled in for what we were sure would be a funny and sexy film. The movie star Gordon-Levitt in his first screenwriter and director roles as the titular Jon.

Jon is a dedicated son, church member, gym goer, and porn fan. He admits in the beginning of the film that a real woman (he doesn't use as polite a term) can never be as good as porn in his opinion. He goes on to list the shortcomings of actual women, you know, our wants and needs that aren't just pleasing him, which get in the way of his enjoyment of the act.

Jon is clearly a self-centered and superficial person who views everything as a

means to an end, even his focus on his family's church is shown to be another short term fix, a way to wipe his soul clean the way you wipe down a table; more a simple matter of maintenance than faith.

Then Jon meets Barbra; the gorgeous Scarlett Johansson at her New Jersey finest. Up until this point in the movie it's exactly what everyone expected. Sex, porn, and pretty people. We were all taken by surprise by what Gordon-Levitt had up his sleeve. The second half of the film delves into the ideas of love that our society pushes on us at every turn; from barely clad women in advertisements, to every romantic comedy ever made.

Companies are selling us ideas about love and intimacy and we are internalizing them without even realizing. The film becomes almost

painfully honest, with Jon starting to wonder how someone learns how to have a meaningful relationship if they don't know. For everyone expecting a write off comedy, the moments of soul searching and honest examination of relationships made the movie harder to sit through.

At some points, the movie becomes so honest that it's almost difficult to watch without cringing. If you aren't the type to become squeamish in the face of vulnerability, and the awkward actions of the oblivious then this movie will be a wonderful experience that will incite questions about the nature of relationships and the ways people approach them. I strongly recommend it. That said, you will see breasts and behinds so, and I cannot stress this enough, DO NOT bring your mom.

Movie Review:

'Gravity': clichés...in space!

August Lysy

STAFF WRITER

Alfonso Cuarón's thrilling suspense "Gravity" puts you hundreds of kilometers up in space, where human life drifts within the unfathomable expanse of stars above the breath-taking beauty of the earth. And, as we see, tethered in space to a suspended hunk of metal, the slightest mistake may prove to be—dare I say—the gravest. It's all too bad that, aside from the thrill and suspense of this scenario, "Gravity" offers us so little else.

"Gravity" follows Dr. Ryan Stone (Sandra Bullock), a medical engineer, and Captain Matt Kowalski (George Clooney), an astronaut, as they complete their space mission. Things go horribly wrong; however, once the bumbling Russians accidentally cause a chain of satellite collisions that send a cluster of debris floating perilously in their direction. Thus begins a series of, shall we say, unfortunate and somewhat unbelievable events that serve as obstacles in Dr. Stone and Capt. Kowalski's journey home.

If you haven't picked up on the clichés, you may wish to reread the previous paragraph and consider nearly every space film ever created. Conflict, of course, is the heart of all stories. Unfortunately, "Gravity" never delivers on a more nuanced thesis other than what seems to be expected; the

fragile yet ultimately tenacious spirit of humanity.

Faced with these overwhelming, deep-space obstacles threatening her annihilation, Dr. Stone wavers along the spectrum of human response; but with only the hackneyed threads of a back-story, one wonders whether she would have been more compelling a character were her story to remain completely undisclosed—especially since the exposition of her character is essentially naught else but a string of clichés itself (e.g. "Tell my (deceased) daughter I found her red shoe—she was so worried about finding it.")

None of this is to discount the thrill and suspense of "Gravity;" on the contrary, it is but to highlight how Cuarón fails to exceed any of our expectations of the space-suspense genre. "Gravity" does deliver on excitement, but the absence of compelling character stories, the odd tension between the cinematography and the soundtrack, and the ambiguity of the narrative voice overall, all point to a promising concept weighed down by—could it be—too great a consideration of Hollywood. In other words, Cuarón shouldn't have held back and ought to have taken his vision further artistically (a la Terrence Malick's "Tree of Life").

If you're looking to be put on the edge of your seat with suspense, go see "Gravity." Just don't expect much else other than a bit of light-headedness.

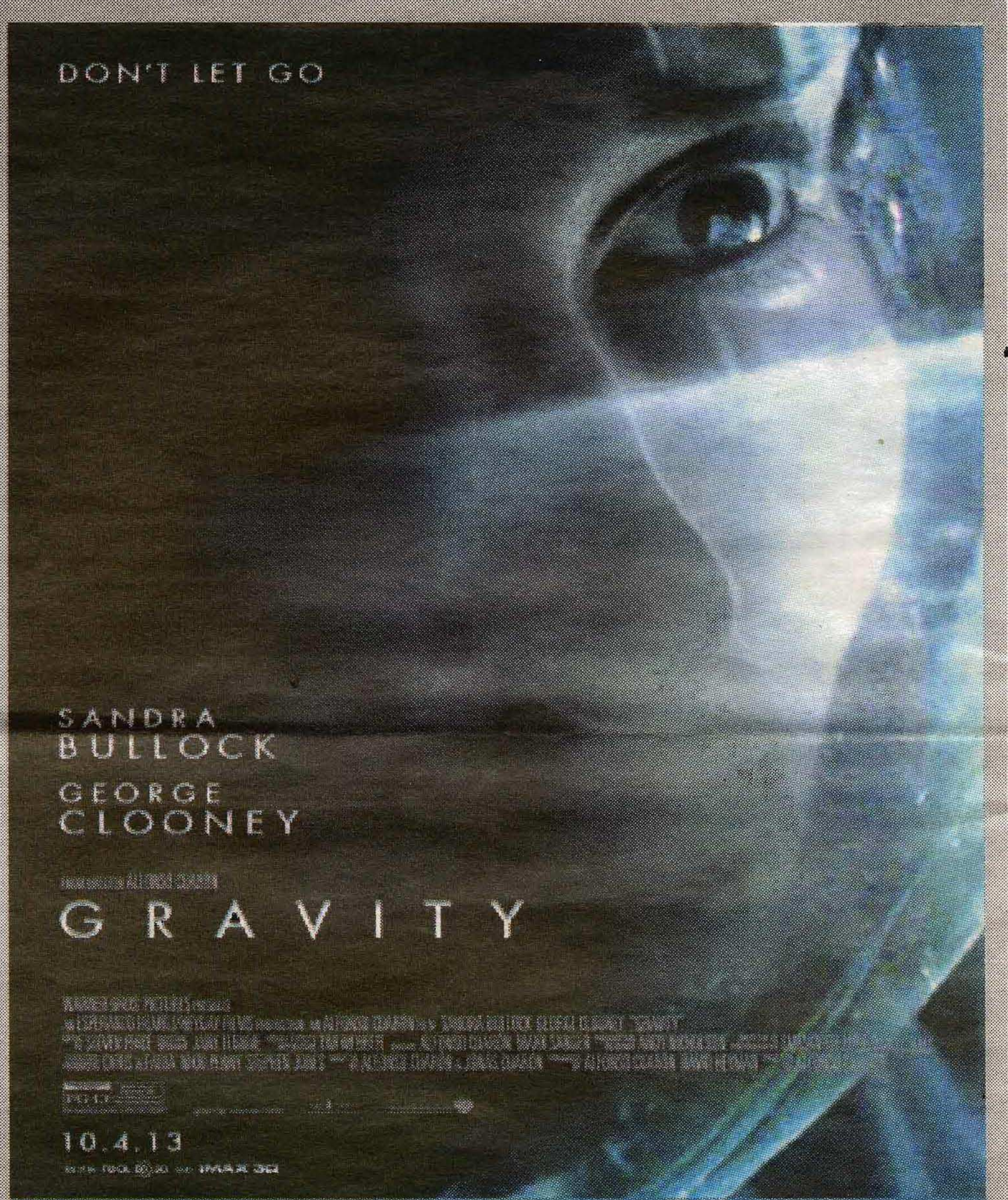


Image courtesy of www.comingsoon.net

Game Review:

Life lessons learned from 'Super Hexagon'

Austin Gonzalez

STAFF WRITER

It doesn't take much to be great. In a world of \$300 million AAA games, it's always refreshing to see a game so simple and compelling as "Super Hexagon." A hexagon, a triangle, and rapidly collapsing walls make Super Hexagon a mind-blowingly difficult twitch reaction game. Debuting late 2012, Super Hexagon enjoyed raved reviews and now is relatively past its prime.

Finding it on my computer, I thought, 'I've got some time to kill before my next meeting; let's give it a go.' The goal of the game is rather simple: move the little triangle around the hexagon, and avoid the falling walls for 60 seconds using the left and right arrow keys while a repetitive set of tune tracks play in the background.

It's horrifying how quickly you fail the first time your friend convinces you to give it a go. A female voice constantly says "Begin" and "Game over", sometimes overlapping as you fail again and again within seconds of starting. So

many things go through your head:

"If it was only a little slower, then I could get the hang of it."

"If only there were a practice level, you know, like other games have."

"That one part is way too hard! You have to do a full 180!"

"If only it gave me this sequence!"

"Yes, 10 seconds! Wait? NO! Why is it titled?!"

"IT CHANGES INTO A PENTAGON, THAT'S NOT FAIR!"

"That shouldn't count—I was on the line."

"If it snapped to sides, it'd be better."

"Oh, come on! I ran under that wall!"

These were just my way of making excuses, but I'm glad it's as hard as it is. I'm also glad it only gets harder. I've still yet to unlock "Hardestest" mode and I'm proud that my time on "Hardestest" is a measly 11 seconds. I can't count the number of times I've died at 1:54 seconds (It's not possible to get a lower score). Perseverance is a funny word, but at the very least, this game taught me it's OK to fail. and fail...and fail, and fail again.

Life Lesson 1: "Suckin' at something is

the first step to being sort of good at something."

This game also taught me that I don't need it to be easier. There are so many times when I look at things that didn't come out just right and I think of all of the systems that could've made things better. I want to find something and say, "This thing. This thing right here. It could be better. Let's get some people on that." Yet so often what could be better is me, and I'm the one that needs to get on it. I think this is something that a lot of people can relate to. I don't like to think that the reason something failed was because of my inability, but really, how often is it beyond my control to make it work? When life gives you lemons, figure out why you asked life for lemons. This is actually my core philosophy now; "Just be better." As naive as it sounds, I'm not willing to accept there are things that I cannot do; it's really empowering.

Life Lesson 2: When things don't go right, think about what I can do to simply be better.

It also taught me that there's always someone better. This may sound like a contradiction, what if I want to be the best, but there's always someone better than I am? What happens then? Well, the majority of the "record

times" on my computer are because of other people.

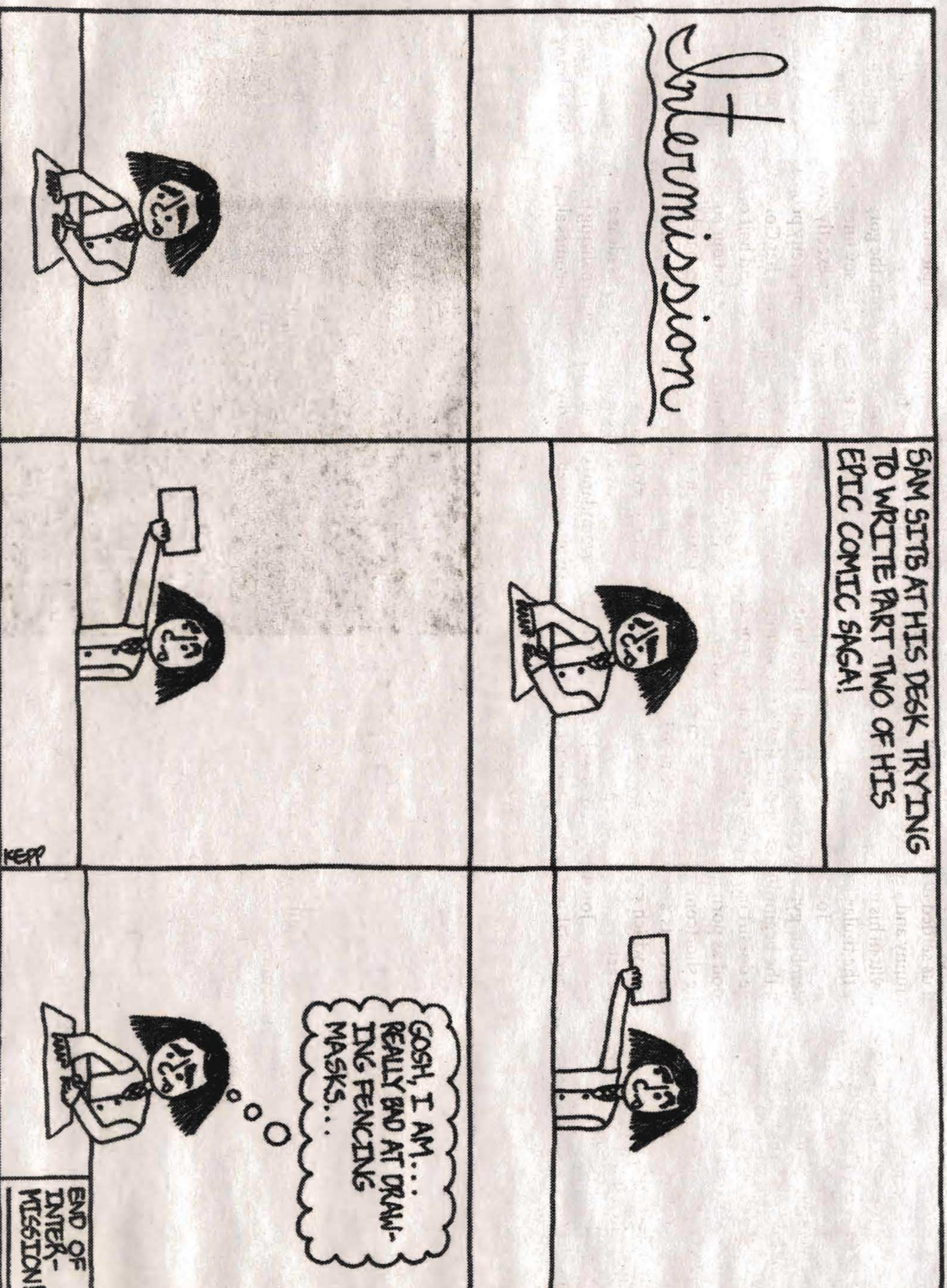
Those moments when you know you're getting close to the record are indescribable. When I do better the record, you bet I go and let everyone know that I'm a BAMF at Super Hexagon. I know that in a few hours someone will have a new time for me to beat which is somehow always a second or two more than what I can reach, but for that brief moment, I was the best and there was no one to stop me.

At first, it frustrated me that a difference person's score was not only better than mine, but that I had to look at it every single time I died; that I'd see a reminder that I didn't do well enough yet again. Having people better than me is just as important to me as telling myself that I can do anything. Together these two things tell me that I have no reason not to try, and I have no reason to ever stop trying.

All in all, Super Hexagon is one of the greatest games I've ever played. The endless onslaught of walls will provide for a brutal 10 seconds of fun, whether it's a mind numbing way to get through a lecture, or a mind opening experience.

And now...a comic!

Sam Kepp
TECHNEWS WRITER



FRIENDS

Anahita Daruwalla
TECHNEWS WRITER

When you are out of joy,

They lend a shoulder to cry.

When you are weak and cold,

They give a hand to hold.

When you betray or deceive,

Theirs is a heart to forgive.

When you are confused with questions,

Theirs is mind full of solutions.

When you are down and in debt,

They are a pillar of strength.

Once a friend, always a friend!

FRESH. FAST. TASTY.



FREAKY FAST DELIVERY!

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Barclay's Premier League: Arsenal remains in first, Everton trails by 3 points

Nathan McMahon

SPORTS EDITOR

After the first five weeks of matches Arsenal remains atop the league with a perfect 15 points out of a possible 15. Arsenal took three points after a 2-1 win over Swansea City with goals from Serge Gnabry and Aaron Ramsey while Swansea got a goal from Ben Davies. Swansea is in the bottom half of the table with 7 points.

The biggest shocker of the week and of the season has been the consistently poor performance of Manchester United. Under David Moyes' reign United has managed only 7 points with essentially the same team that won

the league last year. United's latest loss came at the hands of West Bromwich Albion in 2-1 fashion with goals for West Brom coming from Morgan Amalfitano and Saido Berahino and United's goal coming from Wayne Rooney. West Brom now has 8 points on the season.

Southampton continued its winning ways with a 2-0 win over Crystal Palace with goals from Rickie Lambert and Pablo Osvaldo. The Saints now have 11 points while Crystal Palace has only 3 points. West Ham United continues its struggles after a 1-0 loss to Hull City leaves them with just 5 points. Behind Robert Brady's goal Hull City now has 10 points. Cardiff City took down Fulham 2-1 behind goals by Steven Caulker and Jordon Mutch to give

them 8 points while Fulham struggled with its goal coming from Bryan Ruiz and have only 4 points.

Another surprise result was Aston Villa over Manchester City in a 3-2 win. Villa got goals from Andreas Weimann, Leandro Bacuna, and Karim El Ahmadi while Yaya Toure and Edin Dzeko scored for City. City now has 10 points while Villa improves to 9 points this season. The premier matchup of the weekend was between Tottenham and Chelsea which ended in a 1-1 draw. Tottenham got goal from Gylfi Sigurdsson while John Terry scored for Chelsea. Chelsea now has 11 points while Tottenham is above them with 13 points. Jonathan Howson led Norwich City with a

goal in a 1-0 win over Stoke City giving them 7 points which is level with Stoke. Ross Barkley accompanied a brace of goals from Romelu Lukaku in Everton's 3-2 win over Newcastle United who got their goals from Loic Remy and Yohan Cabaye.

Everton now has 12 points while Newcastle continues to struggle with 7 points. Luis Suarez did not disappoint in his return to Premier League play after a 10 game ban where he scored a double in Liverpool's 3-1 win over Sunderland. Liverpool also got a goal from league scoring leader Daniel Sturridge to give the Reds 13 points while Emanuele Giaccherini's goal was not enough for the black cats who are stuck with 1 point at the bottom of the table.

Women's XC wins 6th place at College of DuPage invite

April Wanagas

TECHNEWS WRITER

The Women's cross country team returned to Warrenville last weekend to an invitational 5k race at the College of DuPage.

Looking forward to running the same flat course as the week before, and also being 1k shorter, the Lady Hawks had their sights set high. With a deep field of 24 teams,

and a narrow paved course through the woods, the Lady Hawks took the starting line knowing the only way to succeed was to get out aggressively. When the gun went off they did just that. Taking flight in small packs, the girls aimed for the first turn in great position compared to the other team's top runners, and they continued picking off opponents one by one for each remaining mile.

After finishing a series of 2.5 laps, the Lady Hawks crossed the finish line scoring 171

points total, enough to give them a sixth place win. Courtney Rouse again finished first for the team in a strong 14th place, followed by Sara Glade in 28th, Anne Croutteau in 43rd, April Wanagas in 61st and Greta Zola in 63rd.

The Lady Hawks score was enough to beat DI Chicago State, DII Quincy University, and DIII Concordia University. They fell to DI schools University of Illinois-Chicago, UW-Milwaukee, and UW-Green Bay.

The Hawks look to race again in the

Lucian Rosa Invite, hosted by University of Wisconsin Parkside, October 12.

This again will be the same challenging hill filled course the girls faced in their second race of the season. With several more weeks of training under their belts this time, and coming off of quality training time, the girls are looking forward to attacking the hills one by one and hopefully reaching some new personal records.



Photos by April Wanagas

Women's soccer falls flat against Trinity, Roosevelt

Veronica Torres

TECHNEWS WRITER

The Illinois Tech Women's Soccer team lost their last two games to open CCAC conference play. With a 7-0 loss against Trinity Christian College and a 3-1 defeat to Roosevelt University, the Scarlet Hawks fell to 2-7.

After a much needed two-week break, the Hawks returned to action at home looking to pick up where they left off. However, the Trinity Christian Trolls quickly took control of the game. Kayla Diemer found the back of the net in less than five minutes to score the first goal of her hat trick, and the Trolls didn't look back from there. The hosts struggled to maintain possession and they were found defending

the majority of the time. With the constant pressure, Trinity Christian added three more goals to finish the half with a 4-0 lead.

At half time, senior Mariah Kuitse was honored in front of a standout crowd of 200 for her four years of hard work and dedication to the team.

The second stanza continued much like the first, and the Trolls added to their tally within the first five minutes once again as a result of their disorganization and lackadaisical defending which cost them another goal. Things seemed to get even worse for the home side when goalkeeper Roxanne Myers was given a debatable red card. Defender Mariah Kuitse stepped in as keeper and the Hawks were forced to play the remaining 15 minutes of the game

one man down. In spite of the already lopsided match, the Trolls never let up and they slotted one final goal into the net putting a damper on the Homecoming and Senior Day festivities.

On Tuesday afternoon the Lady Hawks travelled to Toyota Park to take on the Roosevelt Lakers. Illinois Tech came out strong, dominating possession in the early stages of the game, and with Roosevelt playing a high, flat defensive line, the Scarlet Hawks had an overwhelming amount of opportunity to attack. Unfortunately, the team was unable to take advantage of this and convert their chances into goals. Roosevelt however, made the most of their lone attempt to score in the half and managed to slip one past back-up keeper, Kuitse.

The Scarlet Hawks responded

immediately, scoring less than a minute into the second half. The stellar striker duo of Adrianna Maron and Anida Phetchanpheng went to work making the Roosevelt back line look like pylons as they passed combinations around them. Phetchanpheng supplied the assist, while Maron struck the ball straight through the keeper's hands and into the back of the net.

Although the Hawks had more opportunities to score, it was Roosevelt that came out on top by adding two more goals. Momentary lacks of concentration proved to cost the Hawks dearly.

Illinois Tech matches up against rival Robert Morris on October 5th at Stuart Field before going away to University of St. Francis on the 9th.

Men's soccer takes down Trinity at Homecoming game

Nathan McMahon

SPORTS EDITOR

The Scarlet Hawks got off on the right foot in conference play with their win over Trinity Christian College. The game went scoreless until a second half penalty put Illinois Tech up for good.

The game began very disjointed as both teams struggled to put together strong sequences of possession. The Scarlet Hawks had

the better of the chances still failing to put away any of their first half chances. The combination play between Brandon Ramirez, Rex Meier, and Robert Rixer in the middle of the park was superb in creating chances but Illinois Tech still struggled to find that finishing touch.

Trinity's best chance came on a one on one breakaway between Trinity's Mauricio Salgado and Illinois Tech's Nathan McMahon. Trinity caught the Scarlet Hawks out of position on a counter and played Salgado in where

McMahon did just enough to cause a mishit of Salgado's shot and preserve the shutout.

The second half was more of the same with the Scarlet Hawks struggling to find the back of the net until in the 54th minute when Tech's Brandon Ramirez showed tremendous confidence and skill to beat a defender in the box, but was brought down for a penalty. Ramirez calmly stepped up and put the penalty into the side netting where the keeper had no chance at a save.

The final portion of the game saw the Scarlet Hawks absorbing waves of Trinity attacks where they stood strong and preserved the shutout. Illinois Tech keeper Euijin Yang recorded his first career shutout in a superb performance where he also made five saves. The Scarlet Hawks are now 3-2-2 overall and 1-0-0 in conference play. They will next take on Roosevelt University and attempt to extend their winning streak to three games.

Men's XC wins 10th at Wheaton College invite

Phillip Cano
TECHNEWS WRITER

How fast do you think Illinois Tech Cross Country Runners can go? Here are your options: an elephant (20mph), a giraffe (35mph), a squirrel (12mph), a black bear (25mph), or a cheetah (70mph).

To figure this out, you might have to

set up some equations of motion and estimate using what you learned in physics. Well, the truth is, humans can only sprint up to 23 miles per hour and only for a limited distance of 200 meters. But what's even more impressive is that our own Scarlet Hawk Athletes can run at the same pace as a squirrel for a distance of up to 5 miles long! Have you ever tried chasing a squirrel? Or tried running 5 miles? That's fast!

Last week, the men's Cross Country Team raced into action once again at the Wheaton College Invitational, where 14 total teams toed the starting line to compete on a beautiful grass and soft dirt course.

Senior Phillip Cano was IIT's first to cover the 8 km race in 27:09, followed closely by sophomore Landon Vowels at 27:13. Senior Peter Lau, and both Montague brothers, Andrew

and Ethan, ran most of the race together, and finished in the same order, scoring 60th, 63rd, and 70th for Illinois Tech. It was a good performance and placed the team at 10th place overall. "The boys ran better than last week and I am really confident that we will gain momentum in the next race or two. It was nice to see them working together," said head coach Calin Hantau.



Photos by Phillip Cano

Bears lose to Lions, Hawks win in season opener

Gus Alvarez
TECHNEWS WRITER

The Bears are no longer undefeated after a disappointing loss on last Sunday to the Lions. They take on the New Orleans Saints who are firing on all cylinders and remain undefeated, on Sunday October 6.

They are now battling injuries to key players on the defensive side and will look to

prove themselves against a high Caliber team. They take on the Giants on the tenth, which should be an easy win as long as the Giants keep on playing how they have been this season.

The Blackhawks beat the Capitals in the season opener and showed diverse offensive power with six different players getting on the score sheet. This was an exciting win that cumulated with Johnny Oduya, Brandon Saad, and Marian Hossa all scoring in the third period to kick off their title defense with a come-from-

behind 6-4 win. The crowd was a raging 22,158 fans cheering on last season's champs as they presented the championship banner, having it raised to the rafters as the crowd went wild. They look to build on their positive start on Saturday the 5th against the Lightning.

The Bulls travel to Indiana that same Saturday for the preseason opener, which will feature Derrick Rose's return to the NBA floor. The "Windy City Assassin" spent his birthday (the fourth) just relaxing at home with his son,

and has said that he plans on holding nothing back on the court and playing hard like any other game.

Thibodeau expects them to play well and will be focusing more on Rose's rhythm and feel for the game.

It is also important to note that Northwestern plays the Ohio State Buckeyes this Saturday, biggest game they have had in about 15 years. It would be great to see a big Wildcat upset on Game Day.

Homecoming 2013



Thank you, campus partners, for making Homecoming and the Golden Society Reunion a success!
From your friends in Institutional Advancement

ILLINOIS INSTITUTE OF TECHNOLOGY University Calendar

Monday

General Body Meeting
Engineers without Borders
Perlstein Auditorium
12:40 PM

General Body Meeting
Black Student Union
Wishnick Hall
12:50 PM & 7:00 PM

Elevator Pitch Competition
Entrepreneurship Academy
Tower Floor 13
6:00 PM

Tuesday

Paint IIT Pink!
Wear pink and donate to
support the Susan G.
Koman Foundation!

Cupcakes and Giveaways
Office of Campus Life
11:00 AM-12:30 PM

Volley for the Cure
IIT Volleyball
Keating Sports Center
7:00 PM

Wednesday

General Body Meeting
USA
Engineering 1 Room 242
12:40 PM

Baby Wants Candy: Improv Group
Office of Campus Life
MTCC Auditorium
7:30PM - 8:30PM

Thursday


General Body Meeting
AIChE
Perlstein Hall 208
12:50 PM


Tip Matching Night
ASB
Rocky's Chicago
8:00PM-2:00AM

Open Mic & Karaoke Night
Bog Events
 The Bog
9:00 PM

Friday

Boat Cruise and Casion Night
RHA
Navy Pier
11:30 PM

ASO Bowling Night
Bog Events
 The Bog
9:00 PM

AAAEA Dance Party
Bog Events
 The Bog
9:00 PM

Saturday

Student Leadership Summit
Office of Campus Life
MTCC
10:00 AM-4:00 PM

Fall Party
ASO
MTCC Ballroom
9:00 PM-2:00 AM

Sunday

Free
Weekend

Upcoming Union Board events

Bog Meeting!
Monday at 1 pm in Executive Conference Room

Scarlet Fever Meeting!
Tuesday at 9:30 pm in UB Office, MTCC 221

Impact Meeting!
Wednesday at 1 pm in UB Office, MTCC 221

Wing Crawl
Saturday, Oct 19 at 5 pm
Only \$5!
tinyurl.com/iitticketsales

Six Flags Fright Fest
Saturday, Oct 26
Tickets go onsale Oct 15 1-3 pm
tinyurl.com/iitticketsales

Interested in planning Spring Formal
or MTCC Late Niite?
Apply at tinyurl.com/iitprogram13