#### CAMPUS ASE SLIPSTICK TUESDAY, 'Person you should know' Kyle goes to White Castle. A very spooooooky OCTOBER 29, continues with Ryan C. comic! Miller! Page 8 Page 9 2013 Page 3 Volume 177 | Issue 8 technewsiit.com OPINION 2 CAMPUS 3-6 A&E 7-8 SLIPSTICK 9 **SPORTS 10-11** Student newspaper of the Illinois Institute of Technology since 1928

## Smooth sailing for annual RHA Boat Cruise

**Kyle Stanevich**STAFF WRITER

Where could you eat, dance, and gamble all night (excluding Vegas)? At the annual Boat Cruise organized by the Residence Hall Association (RHA)!

Boat Cruise was held last Friday at Navy Pier once more on the most luxurious of floating vessels, The Odyssey. In the dead of night Navy Pier is quite spooky, lacking the sea of tourists, sounds, smells, and lights that usually are almost overbearing. Departing on one of three buses from Illinois Tech to the Pier, after a short walk down the deserted pier, the grand lights of the boat in the distance could be seen, beckoning partygoers for a night of fun.

Towering above us and the other boats of the pier, the magnificence of The Odyssey is truly a sight worth seeing. Its four stories featured all the entertainment you could need for an evening on the lake; the casino on

the bottom, two floors above for dancing and food, and a top outside deck offered something for everyone to enjoy. That night you could be sure that you were at the best part in all of Chicago.

After everyone was aboard, the party officially started. The food was brought out, the music started, and the casino opened up. The tantalizing bites available were some of the best meatballs, mini hamburgers, and pulled pork sliders around with no one being left out. Plus there were tables piled to the ceiling with any sort of desert imaginable. The music was pretty good, playing many recognizable songs, but this would not be important until later on in the night.

After grabbing a quick snack, most people congregated in the casino, where each person was treated with 500 chips to play to their heart's content. The goal was, just as all casinos, to make more than you came in with, but unlike regular, these chips could not be

exchanged for cash. Instead, the chips could have been turned in for raffle tickets, which gave everyone a chance to win one of many fabulous prizes, including a laptop, 40 inch television, wireless headphones, a bike, and more.

Many students did not know how to play the casino games offered. For example, there were quite a number crowding around the craps table trying to figure out how to play. There was no reason to worry about losing all the chips though, because the dealers went easy on them and explained the game as they played. The casino was a huge aspect of the night, where it seemed most people spent their time.

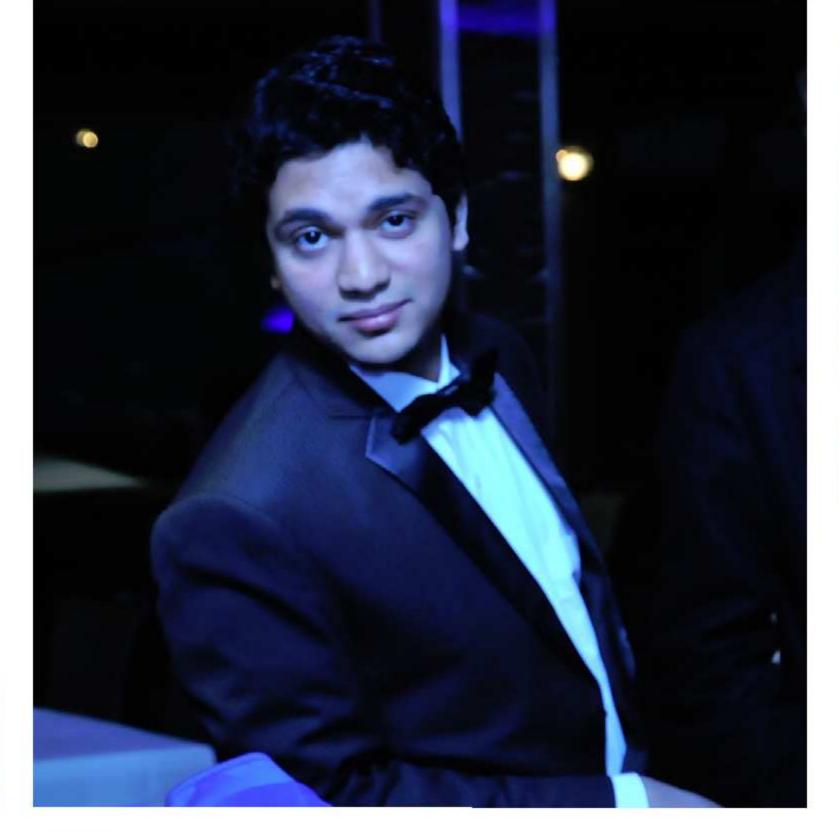
After closing the casino down, everyone cashed their chips in for raffle tickets, and headed up to the two dancing decks to boogie down while waiting for the winners to be pulled. The winners of the raffle were called, their prizes claimed and then the boat was exited. The sleepy IIT students returned to campus at four in the morning, ready to hit the

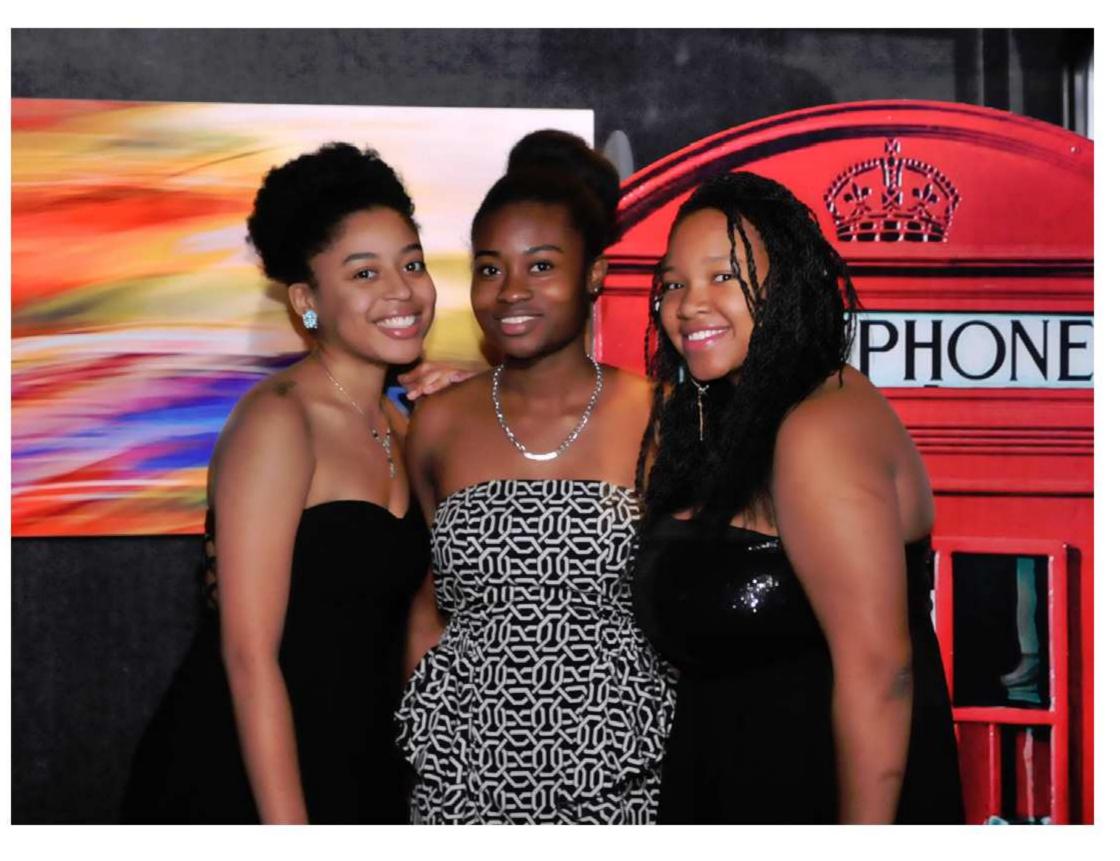
hay and sleep in the next day.

There were many other activities on the boat. Photographs wearing a mask of the Queen of England and other famous Europeans were taken by a cutout phone booth. Although it was a chilly night, those who wanted to relax were able to do so outside the top deck of the boat where the view of the Chicago skyline was spectacular, better than any place in the city without the need for a helicopter.

This amazing night could not have been possible without the funds provided by SAF and the hard work of all of the RHA members. They put in countless hours preparing the schedule for the night, communicating with the Odyssey staff and bus companies, and preparing decorations. If you see any one of them, be sure to say thanks. Each year their boat cruise keeps getting bigger and better. Make sure to come to this event next year, where once again you can gamble, win prizes, and party all night long.

















Photos by Travon Cooman

## **TechNews**

STUDENT NEWSPAPER OF ILLINOIS INSTITUTE OF TECHNOLOGY SINCE 1928

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#### MISSION STATEMENT

Our mission is to promote student discussion and bolster the IIT community by providing a newspaper that is highly accessible, a stalwart of journalistic integrity, and a student forum. TechNews is a dedicated to the belief that a strong campus newspaper is essential to a strong campus community.

#### GENERAL INFORMATION

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#### SUBMISSIONS

TechNews is published on the Tuesday of each week of the academic year. Deadline for all submissions and announcements is 11:59 p.m. on the Friday prior to publication. Articles, photos, and illustrations must be submitted electronically to the TechNews website at technewsiit.com.

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## Ethics Bowl team triumphs with thoughts

Austin Gonzalez & Kyle Stanevich
STAFF WRITERS

IIT's Ethics Bowl team kicked off the season with their first scrimmage of the season. Hosted by Loyola University, teams from Triton College, Northeastern Illinois University, Loyola University, and IIT clashed in an ethics battle for the ages.

In Ethics Bowl competitions, undergraduate student teams from universities around the state compete against one another to test their ethical knowledge and reasoning in an uncomplicated debate structure. Teams receive 12 cases, often about interesting life situations, far in advance of competition and usually do not contain a question. At the start of the round a question pertaining to the current case is given out to the presenting team who has two minutes to deliberate their stance, and then

seven minutes to present their case. The opposing team then has a minute to prepare a five-minute commentary on the strengths and short falls of the competing team's arguments. The presenting team then has five minutes for response, quickly followed by ten minutes for judges' questions.

This grueling challenge is then repeated for the opposing team with a different case, completing one round. Each team participates in three rounds challenging different opponents to complete the lengthy ethical arena. Of the 12 cases available for regional competition six were on the docket for the struggle on Sunday October 20. Cases are wide ranging and comprehensive, this year including the ethics of self-driving cars, working more than 60 hours a week, paid donation of bone marrow, HIV criminalization and more.

IIT's ethical gladiators performed

admirably, especially considering the inexperience of the team. Of those competing on Saturday October 19, none had competed previously, and three of the four were first year engineering students.

Loyola's team of three seasoned third year philosophy majors defeated IIT by six points, with the final scores of 93-99.

IIT's team has extensively studied many different ethical schools of thought, including Kantianism, Aristotelian, and Utilitarianism. Only more great things can happen as the team enters the remaining half of the season to prepare for regionals in November, where the rules will be stricter, and other teams more refined.

If anything you've read peaks your interest, Ethics Bowl always looks forward to seeing new faces and hearing new opinions at its Tuesday lunchtime meetings in the library study rooms.

## Trier, Germany filled with classical heritage

Neesha Narayanan

COPY EDITOR

One of the greatest advantage of travelling through the Autobahn is that you can halt anywhere you find interesting to explore. People say that the best experience happen when they are not planned, and something like that happened to us this past summer, enroute Luxembourg. We stopped to explore the historically rich city of Trier also called Treves in English. It is a city on the banks of the Moselle, and is the oldest city in Germany founded before 16th century, which explains the beautiful remains of the Holy Roman Empire. It is said that Trier was inhabited 1300 years before the Romans arrived. Trier is a look at a very architecturally and historically filled place with Germany's oldest Christian church, best Roman ruins, and touch of Marxism.

Any city that is so rich and vibrant should be explored by foot so that one get to connect with the place. For me the more I get connected the more I appreciate it. Trier is architecturally rich city, the city accommodates the oldest Church in Germany, the St. Peter's cathedral (dom) near the Hauptmarkt (marketplace). The 11th century cathedral is very ornate and powerful piece of architecture expressing a long history. With beautiful wooden carvings and huge dome the church demonstrated the combination of deep history and beauty with Romanesque structure with baroque decoration, Gothic vaulting and archways. Another deeply impressive piece of

architecture is the Liebfrauenkirche (Church of Our Lady) which was constructed in 1260, is the first gothic church of Germany. The interesting thing about this structure is that it resembles the Greek cross, with central high altar and 12 circular columns supporting the structure.

An interesting thing about visiting Trier is that you can get a glimpse of Rome in Germany! Porta Nigra (Black Gate) is one of the significant remains of the Roman Empire. The gate consist of two four -storied towers each connected by a narrow courtyard. One must take advantage of going up the gate not just to get a bird's eye view but also to experience what it feels like being inside a structure at that time. An interesting fact that I came to know when I visited this monument is that it was built without motor by Romans. I can tell, roman architecture never fails to amaze me. As we pass through Porta Nigra, we enter the Hauptmarkt that is the main marketplace which is most in love with life market place I have seen because of the liveliness of the place. Flower, food, bakery, spices stalls and shops on street sides filled with people from different backgrounds excited about the things that were sold, really energetic but blissful place to be at.

The next place I am going to talk about is the one that took me to Rome mentally (I am yet to visit it physically!) and that is the Roman baths. This place is a must see, it is confusing at first but as you enter and explore both the ground and underground levels you start connecting all the traces of this incredible

place. The Roman Bridge that is still the part of the main road into the city show how much people there appreciate the history the city has gone through. I was surprised that the ruins still remain there after 2000 years. The city has multiple places where one can see monuments inspired by Roman architecture. Basilica of Constantine is another historically significant monument with long, high ceiling. The brick structure which is 200 feet long and 100 feet high is the largest intact roman structure outside Rome, quite an impressive view.

Trier exhibits world class architectural monuments many of which had UNES-CO world heritage status and art treasures that have been preserved to tell us about the history that has gone past. One can very much experience Trier's extensive classical heritage. Trier's closeness to the French neighbor is visible throughout the city especially when it comes to eating and drinking. If you are a wine person this is a place you don't want to miss during Wien Kultur Zeit, a month long event with series of wine gourmet and cultural events. Apart from this event one can get excellent wine from the Moselle anytime of the year.

The last thing I did before departing was to see something really cool! I had studied about German thinker and philosopher Karl Marx to a good extent, but I got to visit his house and let me tell you it is worth a visit.

By the end of my visit to this rich city I was convinced that Trier is young and vibrant city that one should visit especially if one is interested in history of architecture of this incredible place.

## Credit by exam bureaucracy burdensome

Kyle Stanevich
STAFF WRITER

cies.

I came to college expecting academic freedom at least as liberal as that of my high school. This was not the case. Instead my experience at Illinois Tech included putting me through frustrating paces resulting from what appears to be a lack of student-centered critically developed poli-

My story begins with me, signingup for CHEM 124 and PHYS 123, which I immediately found to be a review of material I aced in high School. Boredom was something frowned upon at Illinois Mathematics and Science Academy, where subjects were taught at an accelerated college level. Upon speaking with my professors and advisors about this, it was concluded that I pass out of the classes through testing.

First trying to pass out of my CHEM 124 class, I arranged a test time with my professor. With a bit of chemistry review, I took the test and aced it. Seemingly, one hurdle passed. But no that's just what I thought. Unknown to me at the time, this test did not actually make it possible for me to take the next class on my Aerospace En-

gineering flowchart, Materials Science 201. Instead I was told that I could only take the CHEM 125 class instead, despite it not being a required class for my major. Proficiency out of a course should be straightforward, so why these roadblocks? I explained my situation to other school administrators and the consensus advice given: "Just stay in the class and take the easy A." With this advice, the bloom is off the rose as far as actually applying myself.

A very similar situation happened for my physics class, but I tried to approach it from a different angle. Due to policy, I would not take the placement test because that would just allow me to skip PHYS 123 and move onto the harder version of it without getting credit for my knowledge. I instead approached the issue by applying for a credit by exam test, the nearly \$1000 credit by exam test! However, this path presented a roadblock, too. By policy, one cannot actually be registered for the class in order to take a credit by exam test. Luckily, add/drop phase of the semester had not passed so I dropped the class before it went on my transcript yet had time to take the test. Let's take a step back. A student, desiring no more than to be efficiently placed in a curriculum should not be viewed with such skepticism let alone annoyance. Not trying to scam my way out of classes, or cheat the system by getting a degree in less than 4 years, all I wanted to do was get credit for a subjects that I was proficient in order to learn. Time is a precious commodity. One wanting to spend it wisely, say to pursue a minor degree, should not be suspect.

My experience in how the Administration deals with the undergraduate students, especially freshmen, is onerous. Individual attention, while not always possible, cannot be substituted with a push through a circuital system of winding and twisting rules. Especially when a student is working toward a more educationally rigorous path, the system must have a way to accommodate with effective solutions. While my case may be on the extreme end of those experienced by Illinois Tech students, many have similar experiences that could be solved if administration would consider the rules from the perspective of the students, or just employ some critical thinking before making decisions. President Anderson told me that at Illinois Tech only 8% of alums give back to the school, as compared to 20% from similar institutions. Maybe this is partly the result of the memories of the accumulated foul experiences that students like me have endured.

**TechNews** 

## **Utsav Gandhi**

**CAMPUS EDITOR** 

It isn't every day on the IIT campus that we get to listen to a Nobel Prize Laureate talk about the exciting work they are involved in and the larger challenges of the world their work is helping tackle. This is why just the announcement of the annual Darsh Wasan lecture was enough to get the university scientific community engaged and excited. Established in honor of the Vice Provost for International Affairs and distinguished professor of Chemical Engineering, the lectureship series brings to campus some of the most renowned minds in science and technology to speak on critical global issues.

Dr. Darsh Wasan has held literally every major administrative position on the IIT campus over an illustrious career spanning fifty years. Over the past few years, the lecture has brought to campus Dr. Susan Solomon, a scientist credited with the discovery of the ozone hole; and Dr. Subra Suresh, Director of the National Science Foundation. This year, the guest speaker, Dr. Rajendra Pachauri, was the Chairman of the Intergovernmental Panel on Climate Change (IPCC), a United Nations mandated body working to establish international cooperation in tackling climate change.

Having been awarded multiple honors from the governments of India, France, Japan, Finland, Belgium & Mexico; over 130 publications to his credit; having established the Yale Climate and Energy Institute; an honorary doctorate from IIT, as well as managing The Energy and Resources Institute (TERI) in India, Dr. Pachauri spoke about the creation of a "knowledge society" providing new opportunities and new mechanisms to feed into policy and grassroots level movements in order to create change based on perception and preferences. As Einstein said, "Problems cannot

be solved at the level of awareness that created them."

He spoke about the efforts of the IPCC to approach the problem from three different perspectives – one based on physical sciences, one trying to understand the impact, adaptation and vulnerability of climate change, along with one approach focused exclusively on mitigation efforts and realistic response strategies. The IPCC's mission is to understand and spread awareness regarding the magnitude, timing and potential environmental/socioeconomic impact of climate change.

Currently their focus is the stabilization of greenhouse gas concentrations in the atmosphere at a level that prevents dangerous anthropogenic interference with the climate system. The evidence for anthropogenic causes of climate change is getting increasingly undebatable; with glacier mass loss, ocean warming, sea level rise and pH values rising in the ocean. The consequences on global food security, loss of biodiversity, weather patterns and even water availability are expected to be catastrophic, especially so in the developing world where no clear emergency response system exists and the infrastructure for information insemination is not structurally in place at this point.

Dr. Pachauri stressed on the importance of involving communities at the grassroots level for the purpose of sustainable development. "Adaptation at a local level is necessary for the purposes of mitigation at the global level." More so, a country's GDP doesn't have to be sacrificed for more than a year, if at all, which is not a very high price to pay for the wealthiest countries of the world. These, however, do require structural, demographic, lifestyle, institutional and geographical changes. Mobilizing the youth and the intellectual community to engage the general public more enthusiastically will be crucial to putting the human race back on track regarding safeguarding our planet for future generations.

Person you should know:

# Ryan C. Miller



Joannas Joseph TECHNEWS WRITER

Almost every undergraduate student has come to the Office of Campus Life (OCL), be it for ticket sales, the ever so often free sweet edible treats, to collect their UPass midway through the semester or even mistakenly looking for another office. On any given day Ryan Miller can be spotted either in his personal office or within the open space which we all unequivocally refer to as OCL. Ryan serves as the Director for the Office of Campus Life with the responsibility of supervising the OCL team, being the advisor to student organizations starting with the letters O-Z and overseeing the programs offered by OCL (Orientation, Parent Programs, Leadership Programming, Women Services etc.). During his first year at IIT he was primarily responsible for Orientation and Programs; if you were part of the incoming class in Fall 2011 or before then he was a constant face at Orientation days and welcome week activities.

Originally from Greenfield, Indiana; Ryan's educational training was at Ball State University in Student Affairs Administration where he has an extensive amount of experience in the realm of student affairs. Ryan truly does have the student's best interest at heart and is evident through his success with student organizations on campus.

"I like it, it's different" Ryan stated when speaking on his feelings about IIT having worked at predominantly state schools with a much lower international demographic. He also credited the student's strong commitment to academics as another unwavering quality of the Scarlet Hawks. One of Ryan's most unique experiences during his tenure occurred when a student organization got yelled at while setting

up for a show at 8:00am on a Saturday morning because it was a disturbance while they were studying. "It would have been because they were woken up at any other school" Miller exclaimed.

During his tenure one of the student issues Miller has tried to the combat is the frequent but often misplaced plight of students that "there is nothing [for them] to do on campus". The approach with his team has been a more personalized relationship with student organizations to help with the events, increasing publicity of events, and using HawkLink as a resource. Speaking on his fondest memory at IIT is the appreciation that students organizations had towards their advisors. "... I hadn't worked with SGA that long and didn't feel I had done that much but at their banquet they clapped for me, they showed their appreciation that way."

Stemming from his days at Ball State, one of the initiatives that he was particularly fond of was the concept of Living Learning Communities where first year students in the resident halls who were in the same field of study also lived together.

Outside of the institution's confines, Ryan's curiosity of Chicago peaked, being a non-Chicagoan. Ryan is also an avid runner and will be participating in his first organized 5K on November 30th. He is also kept quick busy by the newest addition to his family, his son Jacob. He does have an open door policy and is always willing to provide a listening ear to students about events, organizations or how they think a difference can be made.

"Find something ... be it research, an on-campus job, or someone and make a connection while at IIT"; Miller urged students to step out of their comfort zone which would hopefully lead to a lasting good memory of their college years at IIT.

# Hey Undergrads.

Question: Wondering how you'll fulfill that upper-level (300+) humanities requirement?

Answer: This spring you'll have more than three-dozen classes to choose from!

## SPRING 2014 300+ HUMANITIES COURSES

Course Title | Instructor | Course #

20th Century American Art & Culture | Dabbert | AAH 323-01 & 323-02 City of Rome: 1420 to 1667 | Waters | AAH 380-01 Spanish Language & Cultures IV | Thompson | COM 226-01 Persuasion | Pulliam | COM 371-01 Communication Law & Ethics | Scott | COM 377-01 Fundamentals of Game Design | Kocurek | COM 380-01 Language & Technology | Lawrence | COM 380-02 Social Networks | Hemphill | COM 383-01 Latin America: 1810 to Present | Power | HIST 305-01 American Women 19480 to 1990 | Power | HIST 332-01 US History: 1780 to 1898 | Kollenbroich | 336-01 Rise of the Global Economy | Martin | HIST 340-01 U.S. Urban History | Hudgens | HIST 350-01 History of Magick & the Occult | Green | HIST 380-01 History of Middle Earth | Green | HIST 380-02 Consumer Culture | Hudgens | HIST 380-03 Roman Republic | Perlini | HIST 380-04 Medieval Europe | Perlini | HIST 380-05 Suffragettes to Drag Kings | Hicks | HIST 380-06 Anglo Saxon Britain | Pugh | HIST 380-07 Filming the Past | Hicks | HIST 380-08 New Deal America | Czaplicki | HIST 380-09 Introduction to Music | Betts | HUM 341-01/02 Race, Gender, & Sexuality in Music | Moreno | HUM 380-01 Islam & Others | Bronson | HUM 380-02 Shakespeare on Stage & Screen | Roback | LIT 339-01 20th Century American Literature | Bennett | LIT 366-01 African Literature | Bennett | LIT 380-01 Sports in Literature | Girman | LIT 380-02 Great Philosophers: Seneca the Younger | Miller | PHIL 311-01 Philosophy of Mind | Schmaus | PHIL 342-01 Science & Values | Schmaus | PHIL 351-01 Aesthetics | Snapper | PHIL 363-01 Engineering Ethics | Davis | PHIL 370-01 Problems in Skepticism | Snapper | PHIL 380-01 Scientists in Films | Seger | PHIL 380-02

## ATTENTION CAMERS.

The Department of Humanities presents a Guest Lecture on:

The Distribution of Power: The Influences of Circulation in the Computer Game Complex

by Dr. Gennifer de Winter Worcester Polytechnical Institute's Interactive Media & Lame Development Program

Wednesday, October 30th at 1:50 p.m. Siegel Hall Auditorium Admission is FREE and open to all!

## CRAB Lab highlighted in invasive species exlporation

Travon Cooman

COPY EDITOR

Invasive species are plants, animals, or pathogens that are non-native and cause harm. They may be transported by various means and can alter the ecosystem in many ways. It is such concerns which have united six IIT undergraduate students, Dr. John Terschak and several other universities around the world in finding solutions to this problem.

Dr. Terschak, who formerly taught for three years at IIT, was also the faculty member who helped establish the Creative Research in Animal Behavior Laboratory (CRAB Lab). Biology and Chemistry Colloquium students were graced by Dr. Terschak's presentation on the "Potential Chemical Cues that Influence Invasive Crab Species" on October 2. For the past four years, he has spent his summers working with students at the University of Hull, England, where he coordinates this team, in addition to the one at IIT.

Carcinus maenas, known at the European Shore Crab—or the green crab in the US—is one such invasive species the team

is currently studying. Named as one of the top 100 invasive species in the world, it is typically 45 to 65 mm but it can get up to 110 mm in diameter. These crabs deplete the resources in the ecosystem which affects other native species. An annual estimated loss of \$22 million affects the mariculture and fisheries industry because of these crabs. Tomales Bay Oysters and Hog Island Oyster Co., among other companies have also incurred losses. It is therefore evident that invasive species affect farmers' livelihood and suitable control measures need to be implemented.

The use of nets have been an unsuccessful, expensive, time consuming, and labor intensive attempt to control the crabs. Since there is insufficient meat on the crabs, they have been used to make fertilizers. However, there are other, cheaper ways of making fertilizers. The use of pesticides has also been explored, but they harm other organisms in the ecosystem, including humans and other crustaceans. This was also one of the problems faced when the parasitic barnacle Sacculina carcini was introduced as a biological control. Although the barnacle alters the crab's hormonal

system after it enters the crab, it is possible that other crustaceans get affected similarly.

Due to the extreme difficulty in completely eradicating all the pests, the use of Integrated Pest Management (IPM), is a technique that is also being explored to decrease the number of reproductively viable crabs. IPM discourages pest populations and keeps pesticides to a level that minimizes risks to health and the environment. It allows for safer means of controlling pests and emphasizes the growth of crops with the least possible disruption to ecosystems while encouraging natural pest control mechanisms.

In his project, Dr. Terschak and his team have turned to chemical ecology, the study of chemicals involved in the interactions of living organisms. It focuses on the production of and response to signaling molecules and toxins. This is particularly important to seek a solution without introducing predators or pesticides or nondiscriminatory parasites.

In one experiment, it was observed that the male crab was attracted to areas where the female pheromone was present. In order to identify the compound responsible for this behavior, a sample of urine was taken and analyzed. Uridine diphosphate (UDP) was thought to be the compound responsible for such behavior. However, only some crab species were attracted to UDP.

Students at the CRAB Lab are currently experimenting with Flapjack "Jack" Africa, an octopus, to find out whether the behavioral response of crabs being afraid of octopuses is innate. This is an ongoing project and students who are interested in being part of the lab should email their resume to crablab. iit@gmail.com.

It must be emphasized that students should be highly motivated, committed and willing to spend 10 to 15 hours a week in the lab. Although any undergraduate can join the CRAB Lab, a Computer Science student would be welcomed to assist in developing their website. For more information about the Lab, the website http://is.gd/crablab can be visited.

The students at the CRAB Lab wish to thank Dean Russell Betts and the Physics Department among many other collaborators for their assistance in the project's advancement.







Photos by Travon Cooman

## SIAM hosts interactive MATLAB seminar

Swasti Khuntia

LAYOUT EDITOR

The Society for Industrial and Applied Mathematics (SIAM) chapter at IIT, in association with MathWorks, organized a free technical seminar on MATLAB on Tuesday, October 22.

The title of the seminar was "Speeding up MATLAB Applications" and it was presented by two of MathWorks' Application Engineers.

Although the seminar was organized by the SIAM chapter, there were students from a variety of majors who attended, with a keen interest in increasing their knowledge of MATLAB and solving their technical problems. The seminar was aimed at illustrating the various techniques and strategies for speeding up the MATLAB applications. The agenda included optimum use of vector and matrix operations in MATLAB, adopting efficient programming practices, identifying and devising solutions for various barriers in a code, distributing the MATLAB applications and simulations on multiple cores or clusters, use of Graphic processing Unit (GPU) and generating C-code from MATLAB.

In talking about optimum use of vector and matrix operations, the presenter, Mehernaz Savai, gave an overview of exploiting vectorisation in MATLAB. Using sparse

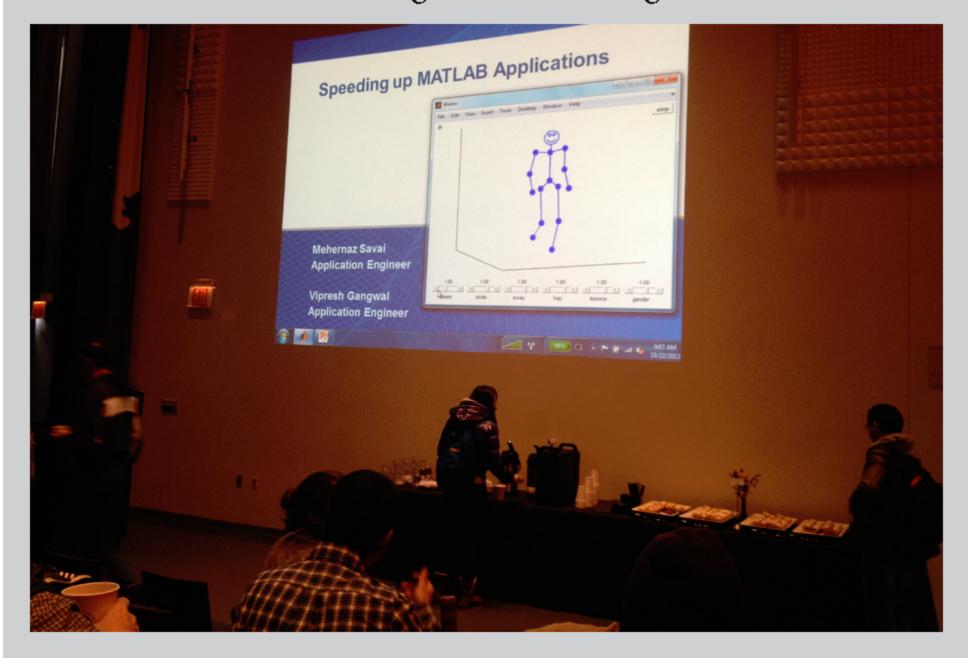
matrices when possible saves a great deal of space and time, using matrix operations instead of 'For' loops, improving the code execution time by 'pre-allocating' the maximum amount of space required for the array, minimizing changing variable class, and minimizing dynamically changing paths were a few techniques she talked about. She had examples to support all of her points, which made it simpler and easier to understand for the audience.

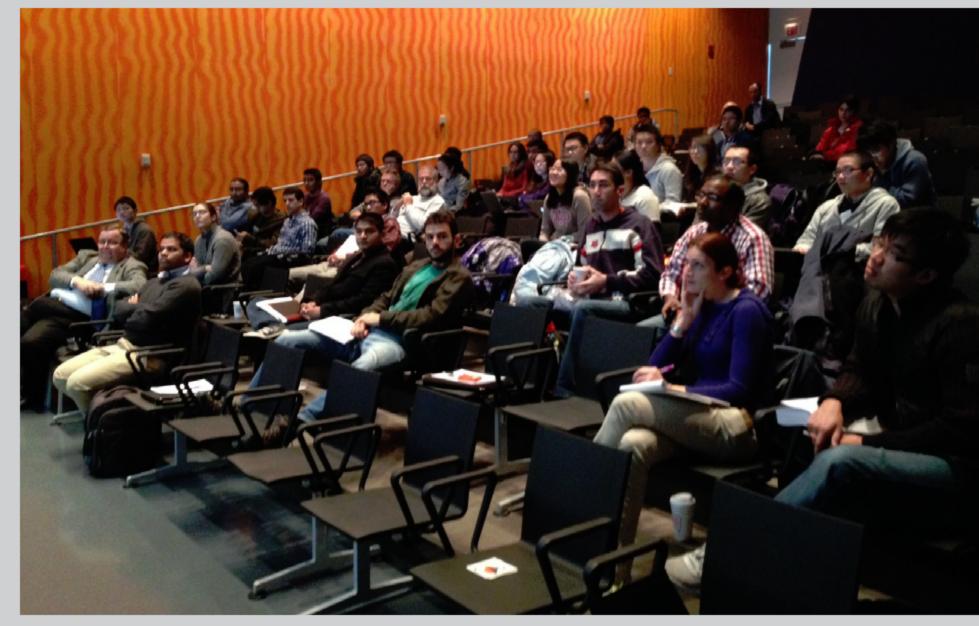
Savai gave examples on how to generate C-code from MATLAB with various options. As C-code has a wide range of applications, the code generator in MATLAB was widely accepted in various fields of

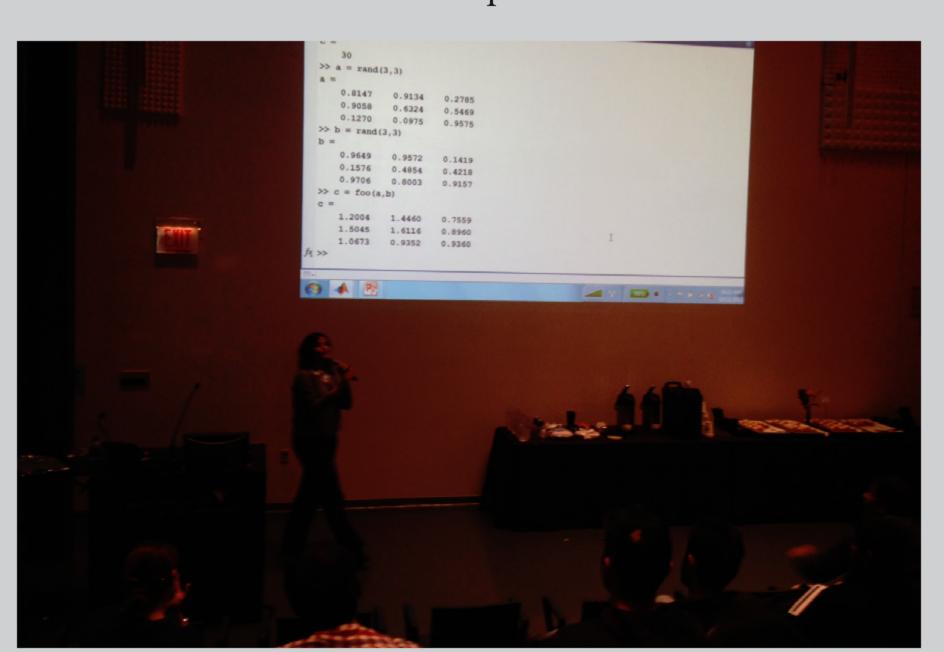
application. She then talked about how to improve the performance of the MATLAB code itself by taking advantage of hardware advances like multi-cores and computer-clusters

The seminar was both informative as well as interactive. The presenters were very interactive—they asked questions and gave away freebies. The attendees had a chance to interact directly with the presenters at the end of the seminar.

A good range of people, from students in different majors, to faculty members from the Department of Applied Mathematics, including the chair, Dr. Fred J. Hickernell were present.







Photos by Swasti Khuntia

## Sharing Table teams up with 33rd Street Productions

Shireen Gul

COPY EDITOR

The Sharing Table is almost here and guess what? This time we are bringing it to you with a twist. Yes, this time we will be featuring '33rd Street Productions.' They will be there to answer your questions regarding their production and how you can contribute. Many of you have hidden talents within you, which can be polished and highlighted in this society.

So, what are you waiting for? This will be a perfect time for you to come and discover your talent, with the help of 33rd Street Productions.

33rd Street Productions is a theater group that is run by students. They produce all aspects, from play selection to directing, stage managing to props and set design/construction, acting to creating costumes, backstage help, technical lighting and sound. In short, it's a complete package of entertainment. So if you want to be a part of this theater or want to know

more about it, then make sure you mark your calendar on Thursday, November 7, for The Sharing Table as they will be there from 12:50 a.m to 1:30 p.m.

They also performed a one-act play during I-Fest last weekend, which I personally really liked as it was so closed to reality. The dialogue and the performance were up to mark and trust me, they did look like professional

I hope you have already marked your

calendar for the coming luncheon, which will be held on November 7 at The Commons. Don't forget 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. Last, but not least don't forget to follow us on twitter and Instagram @ iitdiversity and like us on SCDI IIT.

Hope to see you all there with your shining faces and beautiful smiles!

## ATTENTON EURO ENTHUSIASTS

IIT'S DEPARTMENT OF SOCIAL SCIENCES, WITH UNIVERSITY OF ILLINOIS' MODERN GREEK STUDIES PROGRAM, European Union Center, AND THE CAS/MILLERCOMM LECTURE SERIES Present:

## OF BAILOUTS, POPULISTS AND INERTIA:

LESSONS FROM THE GREEK CRISIS FOR Managing the "Euro"

FEATURING

Professor Kevin Featherstone Hellenic Observatory and European Institute AT THE LONDON SCHOOL OF ECONOMICS

DATE: NOVEMBER 13, 2013 TIME: 12:50 PM TO 1:50 PM LOCATION: MCCORMICK TRIBUNE CAMPUS CENTER (MTCC) 3201 S. STATE ST, CHICAGO, IL, 60616 COST: FREE TO PUBLIC

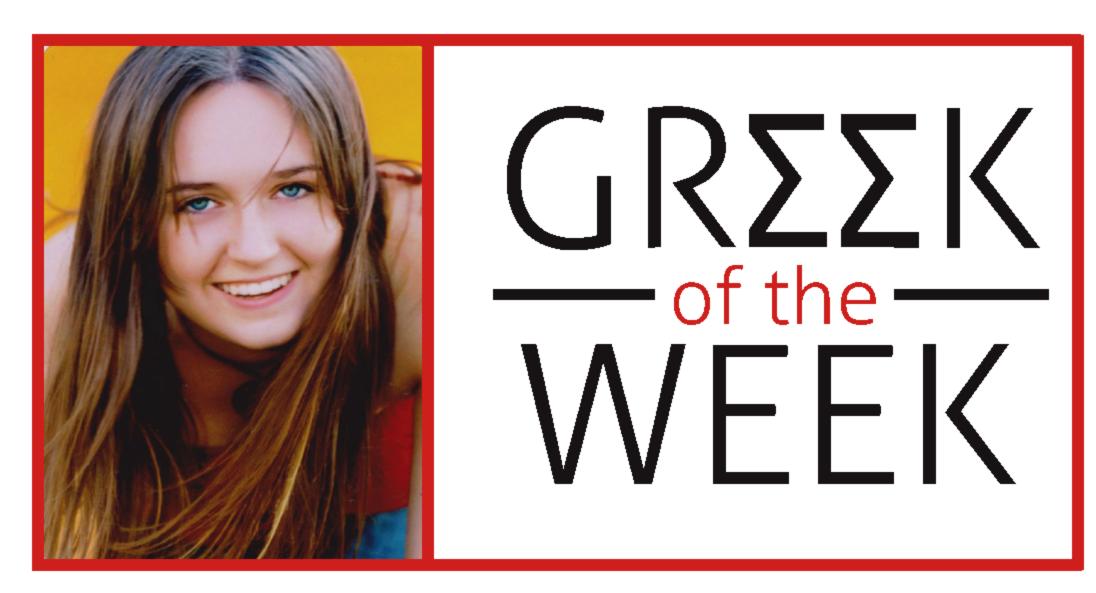
## DO YOU NEED SOCIAL SCIENCE GENERAL EDUCATION

COURSES?											
Nev	w and Special Sociology a	and Po	litical Scie	nce Courses							
PS 385-02	Topics: Global Health Systems	TR	1125 to 1240	Ireland, Patrick							
PS 385-03	The Chicago Public School System	TR	1305 to 1505	Shadforth, Jocelyn							
PS 408-01	Methods of Policy Analysis	MW	1000 to 1115	Bliss, Daniel							
PS 388-01	International Law and Orgs	W	1700 to 1940	Nyambuya, Chipo							
PS 354-01	Urban Policy	Т	1825 to 2105	Terzakis, Jill Mason							
PS 285-01	Social Science/Science Fiction and Film	R	1700 to 1940	Deis, Christopher							
SOC 354-01	Urban Policy	Т	1825 to 2105	Terzakis, Jill Mason							
SOC 285-01	Social Science/Science Fiction and Film	R	1700 to 1940	Deis, Christopher							
SOC 285-02	Topics: Intro to Food Studies	TR	1350 to 1505	Purnell, Carolyn							
SOC 285-03	Topics: Inventors & Innovation	TR	1000 to 1115	Purnell, Carolyn							
SOC 359-01	Humans, Ecology, & Environment	MW	1700 to 1815	Friedman, Elizabeth							
SOC 385-03	The Chicago Public School System	TR	1350 to 1505	Shadforth, Jocelyn							
	Other Sociology and Po	olitical	Science C	Courses							
PS 200-01	American Government	TR	0835 to 0950	Ireland, Patrick							
PS 220-01	Global Chicago	F	1000 to 1240	Steffenson, Rebecca							
PS 221-01	Social Inequality	TR	1125 to 1240	Lynerd, Benjamin							
PS 232-01	Intro to Comparative Politics	MW	0835 to 0950	Bliss, Daniel							
PS 273-01	Great Political Thinkers	TR	1350 to 1505	Lynerd, Benjamin							
PS 306-01	Politics and Public Policy	MW	1350 to 1505	Shapiro, Matthew							
PS 313-01	Comparing Public Policy	TR	1000 to 1115	Steffenson, Rebecca							
PS 338-01	Energy and Environment Policy	MW	1125 to 1240	Shapiro, Matthew							
PS 360-01	Globalization:Globl Pol Econ	MW	1515 to 1630	Hosman, Laura							
PS 385-01	Topics: Field Methods	MW	1350 to 1505	Hosman, Laura							
SOC 200-01	Introduction to Sociology	TR	1125 to 1240	Mcclain, Noah							
SOC 211-01	Intro to Sociology of Space	MW	1825 to 1940	Segerstrale, Ullica							
SOC 385-01	Contemporary Sociology	TR	1350 to 1505	Mcclain, Noah							
SOC 220-01	Global Chicago	F	1000 to 1240	Steffenson, Rebecca							
SOC 221-01	Social Inequality	TR	1125 to 1240	Lynerd, Benjamin							
			1050: 1505								

MW

1350 to 1505 Segerstrale, Ullica

SOC 303-01 Science in Society



## Meet Nicolette Lewis.

"Unless someone like you cares a whole awful lot, nothing is going to get better. It's not."

Year: Third

Major: Architecture

Greek Affiliation: Alpha Sigma Alpha

Hometown: Overland Park, KS

Leadership Positions at IIT: ASA Vice President of Programming and Ritual, X-Chromotones Director, Relay for Life President, Order of Omega Philanthropy Chair

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

ASA and the rest of Greek life has offered me many incredible opportunities to develop both myself and my leadership skills. I have held multiple leadership positions within my chapter and these experiences have given me skills that helped me in other leadership positions on campus. I have also been given the opportunity to learn more about who I am and work towards being the person I want to be. What would be your advice for an incoming student?

Get involved! IIT has a lot to offer if you get involved and put a little effort into something you are passionate about. Greek life may not be for everyone, but there are a lot of student organizations on campus. There is something out there for everyone. It's the extra curricular activities that can make your time here memorable.

#### What's been your favorite experience at IIT?

My favorite experience so far has been going to bed at 6 a.m. following IIT's second annual Relay For Life. It was amazing to see the difference a small group of committed and diverse students can make. Seeing various students and faculty work together to raise over \$8500 for cancer research is something I will never forget.

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

I am a hard core Avatar the Last Air Bender fan and I often take a break from studying by watching Kim Possible with my best friend.

Questions? Email orderofomegaiit@gmail.com





## IEEE@IIT hosts Halloween BBQ, IEEEXtreme programming competition

Swasti Khuntia

LAYOUT EDITOR

The Institute of Electrical and Electronics Engineers (IEEE) Student Chapter at IIT organized a BBQ party last Friday as a part of their various events during the course of Fall Semester. The theme of the BBQ party was chosen as "Halloween BBQ party" because of the Halloween month and also to make the students feel relaxed and better after the stressful mid-term week.

Although the weather was chilly, still a large number of students turned up. Dr.

Chi Zhou, Associate Professor in the Electrical and Computer Engineering Department, and IEEE@IIT's faculty advisor, coordinated the event along with IEEE executive body members Eric Tendian, Jai Sathyanarayanan, Juan Wang, Rohit Agarwal, and Swasti R. Khuntia. IEEE@IIT, in the mean while, is planning for another industrial tour in this Fall Semester. The only industrial tour in this semester was the Microsoft Technology Center tour in Downtown.

IEEE@IIT also hosted the international programming competition in the IIT campus from Friday 7 p.m. to Saturday 7

p.m. The event is called "IEEEXtreme." It is an international competition in which teams of IEEE Student members, supported by their IEEE Student Branch, advised and proctored by an IEEE member; compete in a 24-hour marathon time against each other to solve a bunch of programming problems. It can be called as a virtual online competition.

This year, there were five groups consisting of 13 students from IIT. These include both graduate and undergraduate students. And, all these groups are sponsored by IEEE@ IIT and IEEE-Chicago section. Robert Burke, IEEE@IIT Branch Advisor, says that this year's

representation and preparation is one of the best as compared to last year. And, he hopes that at least one team from IIT is a winner.

Last year, there were 1900 teams worldwide. The word "Xtreme" in the name is because the contest goes on for exactly 24 hours non-stop. The teams of three-programmers are given a set of problems, for which they are meant to write a program to solve the task. And they have a variety of programming language to choose from. And this includes C, C++, C#, Java, and Python to name a few. We hope for the best, and wish this year at least one team from IIT is a winner.











Photos by Swasti Khuntia

## SWE-IIT Social Butterfly event creates buzz for professional acumen

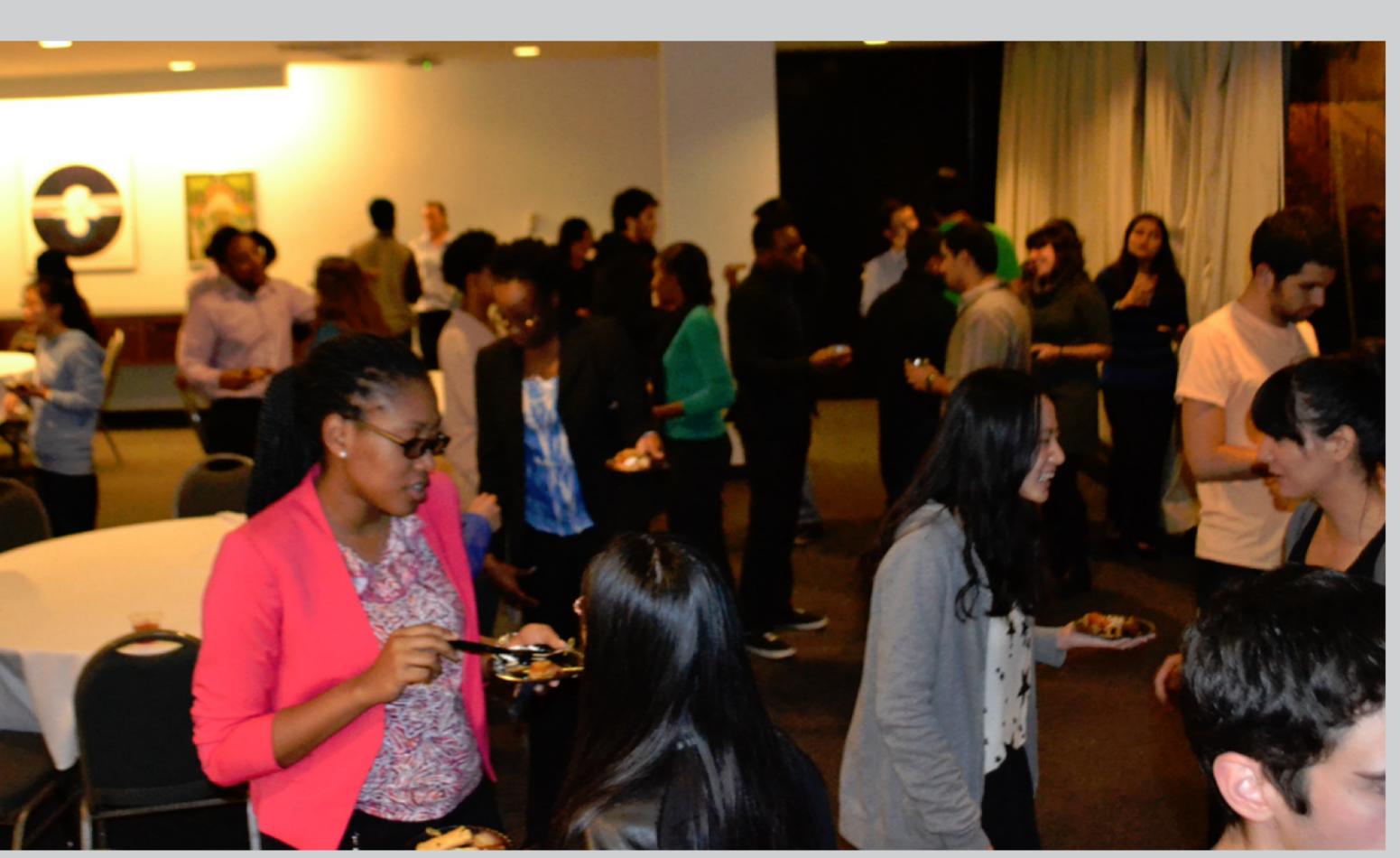
Joannas Joseph TECHNEWS WRITER

The goal for most, if not all students after graduating from college after whatever level of degree are to become a professional and thus build a reputable career. More often than not, this requires one's attendance at a networking event sponsored by a corporation. The Social Butterfly was conceptualized by the Society of Women Engineers- IIT chapter (SWE) to enhance one's skills of social interactions within a professional setting. Roselle Grant, SWE-IIT's president explained that it stemmed from a conversation with their past Section Representative, Rebecca Wingate.

The idea was proposed to other professional student organizations, namely the IIT chapters of the National Society of Black Engineers (NSBE), Society of Hispanic Professional Engineers (S.H.P.E.) and the Transfer Student Organization (T.S.O) in an effort to garner interest from a larger percentage of the student body.

On Tuesday, October 15, the event was realized and facilitated by Ms. Pat Smith Pierce, the CEO and Founder of The Insight Communication Group which provides communication services consulting to a number of to Chicago-land area corporations. Piece also holds a numerous workshops on Communication at IIT in collaboration with the Career Management Center. The event realized approximately





forty-eight (48) in attendance, filled with enthusiastic and engaging minds.

Pierce's first piece of advice for attending a networking event with a potential employer, or to building a professional network, is to never attend on an empty stomach.

Pierce then went into the social graces one should exhibit at these gatherings. First, never overfill your plate. Second was to try to not speak with your mouth full, and the third was to not overfill your plate. No, the repetition is not a matter of redundancy but a point of reiteration of the social graces. The purpose of these events is

a more social one and is not intended to be dinnertime meal. The events usually involve a lot of interactions and communication, and not adhering to the graces could result unprofessionalism.

Pierce then went into what the content of the conversation should be and urged everyone to ask questions. These types of questions can

be centered on sports or culture, basically anything which may catch their attention. The aim is to hone in on the individual's interest and thus develop a conversation. Some types of

questions which should definitely not be asked about are political affiliation and anything too

Pierce then went into her activity for the event. Participants were advised to get a plate of finger foods provided and engage in conversation with someone whom they had not known before, for 10 minutes. This resembled speed dating. For three rounds, participants were engaged in light conversation in the hope of breaking the nervous spells, and to make use of the social graces Pierce taught. By the end of the evening, conversations would stop and it became a forum where students were sharing what they had noticed, and were asking Pierce about different situation such as a cash bar at these events or little customs they should adopt. Pierce's response was simple, "Don't drink... I usually have water." Pierce was truly impressed by the turnout and how engaged participants became.

"I thought it was very successful in messy clothing and in terms of attendance, the diversity of the students and the facilitator did a great job... and it was not too long or drawn out or just a PowerPoint presentation," stated Roselle Grant, SWE-IIT's president as she spoke of her opinions at the end of the event.

> Pierce currently has three other workshops scheduled at IIT's campus for the remainder of the semester. The two part workshop on Communicating Clearly on November 6 and 13 and a Non-Verbal Communication workshop on November 20.

> > Photos by Joannas Joseph

Restaurant Review:

## Ghareeb Nawaz is heaven on Roosevelt

Shireen Gul

**COPY EDITOR** 

Many Muslims in the United States observe Eid-al-Adha, also known as the Feast of Sacrifice, each year. This festival commemorates Ibrahim's (Abraham) willingness to sacrifice his son to God. This festival also marks the end of the Hajj pilgrimage to Mecca, in which Muslims are required to make at least once in their lives. Eid al-Adha is not a federal public holiday in the United States. However, my instructors are so awesome that they let me take that week off, so I can go all the way to Washington DC, to celebrate the Eid with my family.

It was a jackpot trip for me because I got to see my family, had lots of traditional food, plus got huge amount of Eidi (In Muslim culture, an eidi is a gift given from elder people to children, on the day of Eid. It is very similar to a Christmas present, these can be simple gifts or cash). So when I was coming back to Chicago I was one happy rich girl who was ready to party with her friends.

So last weekend one of my friend told me about this super-awesome-heavenly-cool place, which not only served Pakistani food in our neighborhood but it was as cheap as any student could wish for. I am sure many of the Indo-Pakistani students must have visited this place. If you are thinking that I am talking about Ghareeb Nawaz then let me tell you that you have guessed it right.

Named for a benefactor of the poor, Ghareeb Nawaz has a reputation as an oasis for cheap and freshly made home-style Indo-Pakistani food. The moment when you enter this place, the aroma of all those spicy food gives you feeling of home and you get to witness

all those delicious food which tie you up with your culture. I must say that it's a very cozy place where you don't feel like a stranger because you hear everyone speaking your language, you just look around and smile.

This is a perfect place where you can not only talk about value but actually get it. didn't realize you could pay \$4.99 and get a massive container filled with chicken biryani. Yes, trust me it does have a ton of rice (you can see it in the picture) and it's so delicious that just writing about it making my mouth water! My friends couldn't decide what to order as we wanted to eat everything.

Finally in the end we ordered chicken chili biryani dish, a famous Pakistani made with special spices, chicken and rice (\$4.99), chicken boti paratha, a stir-fried dish of boneless chicken which is marinated in yogurt, red chilies and garlic (\$ 2.99) and hunter beef paratha, a dish

made out shredded beef with salt and black pepper (\$2.99). My total bill was only \$11.99 which is so reasonable. Like if you are not on a meal plan in The Commons then you have to pay \$12.49 for one meal.

The parathas (a flat unleavened bread, resembling a small naan bread, that is fried on a griddle) were so good! I saw most of the people who came in there were ordering a paratha with butter chicken. For around \$5 it definitely seems like a popular deal in this place. You could easily order a biryani and a paratha and be fed for two meals. So make sure if you have any Pakistani\ Indian friends visiting you, you take them here to give them feeling of home.

This restaurant is located on 807 W Roosevelt Rd. Chicago, IL 60608. Just in case if you are too last to go out then you can always order online with a mere \$4 for delivery charges.





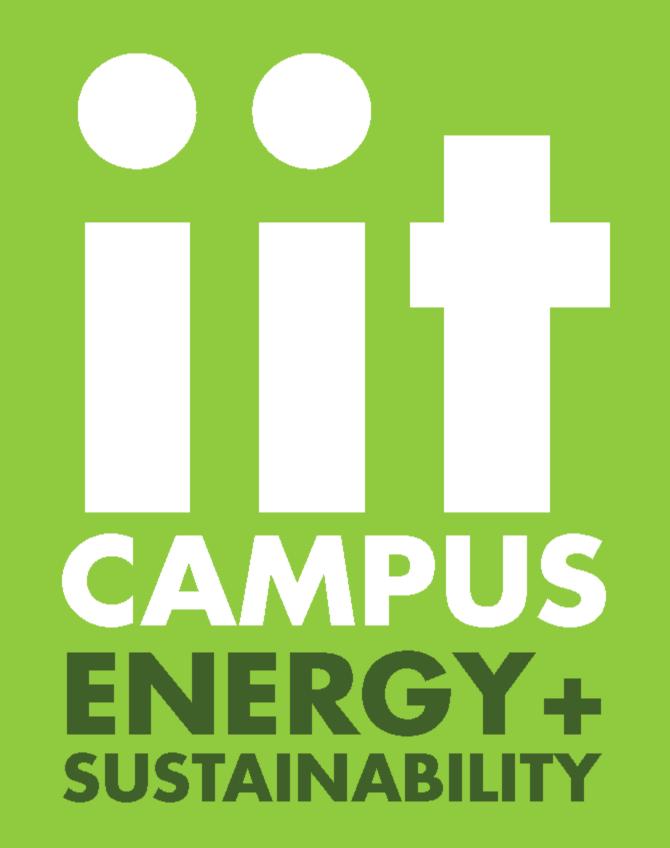


Photos by Shireen Gul

# responsibility.

The greatest threat to our planet is the belief that someone else will save it.

Robert Swan (the first person to walk to both Poles)





ILLINOIS INSTITUTE OF TECHNOLOGY Office of Campus Life



## No Shave November is coming!

Join the Office of Campus Life, Student Health and Wellness, and Residence & Greek Life to grow the biggest, baddest beard you can for the month of November.

No Shave November is designed to raise awareness of Men's Health Issues during the month of November (besides, who has time to shave when studying for midterms and finals?). Watch this space (and others around campus) for men's health facts and some gnarly beards.

Join Campus Life for our next office fun day: World Vegan Day! Stop by for some delicious Vegan food on November 1 starting at 11:00 am



Leader or Peer Mentor for the Spring!

Apply to be an Orientation

Applications are due November 1.

More information at:



In 2013, 7,920 new cases of testicular cancer are expected to be diagnosed.

**Source:** http://us.movember.com/mens-health/

testicular-cancer

Restaurant Review:

## White Castle: Last bastion of fast food

**Kyle Stanevich** STAFF WRITER

With the addition of Burger King's new Satisfries, I pose a question. Has the essence of fast food been lost? Over the years, many people have criticized fast food chains for not having many healthy food options. The restaurants have slowly caved in, introducing salads, vegetarian options, and now healthy fries. However, fast food has not been about healthy options. It is a fast way to eat a meal, packing in many calories into a small and convent package. If one wants to eat healthy, they should make their own food, not go to McDonalds.

Not all hope is lost though. The last fast food chain to remain a true fast food restaurant is White Castle. They have no salads, no veggie burgers, and no healthy fries. The only vegetarian options they have on the menu are the fries and onion rings. Sorry vegetarians.

I recently went to the White Castle down on 35th, and while some would say it is classless and rundown, I would say that it is all part of the experience. It all started with a late night hungry stomach. It was 10 p.m. and I just had the craving for the Castle. 35th at this time of night is not the best looking place in the world, certainly out of the comfort zone for many students at IIT.

Again, all part of the experience. You would not remember a comfortable trip to White Castle, rather your adrenaline pumping, ready to start sprinting if something goes bad. Although it might look seedy, it is not that bad for a place most just coming home from 2nd shift or like me, out for a quick snack. Plus, this is only 35th, no need to be scared; the "Shire" is just around the corner. If approaching from State Street, you will pass many other fantastic establishments, like Mama Lou's Kitchen, KFC,

and Popeye's. Stop yourself from spontaneously hitting up these places, because the prize is just a few blocks more. Finally the warm glow of White Castle is shining down upon your hungry face, like a light guiding you to your destiny.

This White Castle is like most others. The interior is all white and blue, with black and white posters commemorating the rich history of the chain. The wallpaper border along the ceiling contains photos of old White Castles and happy customers. There are a few high tables in the center of the dining room surrounded by booths and shorter tables. Not the most comfortable, but again, the experience. I would recommend you order classic "sliders" from the menu.

Though on the surface these may appear the equivalent of a regular hamburger, there is nothing regular about them. Bread base, followed by beef patty with 5 holes cut in its center, secret sauce, pickle, onion bits, and finally top bun. Unlike most other burgers, these are square and small allowing them to fit into their 2.5 inch castle shaped orange box. Be warned, these little things don't look like much but they are very dense with oil and flavor. 4 to 5 should be enough to fill you up.

There are the variations on this classic burger. They have a double, cheeseburger, pepper jack if you're adventurous, chicken rings for those not into red meat, and a few more variations depending on the season. And for you who don't want the bun that comes with a burger, or maybe just a smaller snack, I would recommend trying a sack or either fish nibblers (spherical fish sticks) or chicken rings (a classic chicken nugget with a whole in its center). These are all good options, just order one of everything. For you White Castle veterans, I would go for the crave case, 30 sliders packed into a cardboard briefcase. Once I attempted to eat the entire 30 burgers, but maxed out at 17.



Image courtesy of www.yelp.com

White Castle is quite the adventure. I love the atmosphere, the food, and the lingering smell of their greasy fry kitchen wafting through the entire establishment. And the trip from IIT is a true urban adventure that adds to the experience. Be warned though, many people assume not to be able to stomach these burgers,

but I say you will never know if you don't try.

*White Castle* 3457 South King Drive Chicago, IL 60616 Scale (1-10): Fast food at its most pure Cost: \$7-10 depending on hunger Oddities: not much for vegetarians

## Tech[nology]News:

## BlackBerry Messenger could be BlackBerry's game-changer

Swasti Khuntia LAYOUT EDITOR

Last week while surfing my Facebook page, I came across a post "Congratulations to BlackBerry for becoming the leading mobile app developer." For some time, I was in a dilemma whether BlackBerry is a mobile app developer or the wireless devices/services manufacturer. Then I saw that it was posted by

But for most of us, who have been pretty active on any social networking sites

one of the leading news satire website of India.

must have experienced how people are sharing their BlackBerry PIN. Well, a BlackBerry PIN is an eight character hexadecimal identification number assigned to each BlackBerry device. These PINs cannot be changed manually on the device, and are locked to each specific BlackBerry.

Using this PIN directly on BlackBerry devices or BlackBerry messenger application, one can message each other. This is pretty much equivalent to the iMessage on iOS devices.

The sharing of PINs became viral after BlackBerry announced the launch of free BlackBerry messenger application for Android on September 21 and iPhone on September 22. In 24 hours, the number of downloads crossed a remarkable 10 million.

But it's not necessarily a sign that people would stick with the new instant messaging app that was once a BlackBerry device exclusive, when they have iMessage and WhatsApp, to name a few.

For me, I've been pretty satisfied with the widely-used instant messaging tool, WhatsApp, and also iMessage (since I'm using iOS device). After seeing this flurry of PIN sharing on my

Facebook, Twitter and Instagram, I gave a try. I've never liked BlackBerry, but have heard a lot from my friends about its services.

Now, I've registered for my PIN, and I'll see how long I can stick to this new instant messaging tool.

Currently, the BlackBerry messenger application is available as a free download on Google Play and the App Store.

But, I'm highly delighted that the app has retained the iconic appeal of BlackBerry and hope in the future, it can retain BlackBerry's languishing capital.

## Future of 'Star Citizen' rests in Kickstarter campaign

**Austin Gonzalez** STAFF WRITER

Twenty-three million dollars, this is the snapshot of how a Kickstarter project—to prove the worth of an idea—has grown to become the largest crowd-funded project in history. Originally hoping to crowd fund a colossal two million dollars to generate interest from larger investors and publishers, Chris Roberts has become the pioneer of a dramatically different way of funding and developing games.

Chris Roberts is a developer with an incredible length of achievements. Creator of the Wing Commander Series, Freelancer, and Privateer, Chris is the king of Space simulators and 4X games. Returning from a ten year hiatus, he came with a vision of creating the greatest PC game to date. Originally Chris left the industry due to being burned out; games couldn't be made without publishers and publishers weren't funding anything other than the next FPS or sports title, and especially not anything of the PC. Even today, publishers have kept their mind set. A little over two years ago, Chris Roberts was searching for the capital to produce Star Citizen and was met with hesitation and a

challenge. If he could gain \$2 million worth of preorders solely on concept, he would have his funding.

Today, it is not uncommon for AAA games such as Call of Duty and Grand Theft Auto Franchises to cost hundreds of millions of dollars for production. Because of this drastically increasing price of development, publishers are finding it difficult to make back their dollar on every project. They are not as willing to take risks on new and innovative games. The largely homogenous Modern Military Shooter genre is the consequence of this, whereby game developers are unable to create compelling games due to the constraints of publishers.

We are in an age where a critically acclaimed Tomb Raider reboot sold 4 million copies and is considered to have failed to meet expectations. The state of the industry is that publishers are willing to mangle near perfect titles to produce cash cow franchises. The original Dead Space was a cult hit horror sci-fi game that gained immense popularity.

Capitalizing on the original title's success, EA made two sequels. Dead Space



Image courtesy of wccftech.com

"Dead Space 2, the game your mom hates." It's generally considered that EA's second sequel, Dead Space 3, abandoned the roots of the original in order to gain a larger player based, and suffered from it.

Game designers and publishers are often at odds because of different directives. Designers are artists trying to create the most compelling experience possible, whereas the publishers are gallery owners trying to sell the work. The industry has grown away from the 2 featured the horribly degrading catch line, players and is now focused on itself. Some of robertsspaceindustries.com

the gaming community is fed up with the garbage that publishers are pushing out, but have never had someone in the industry to lead the charge.

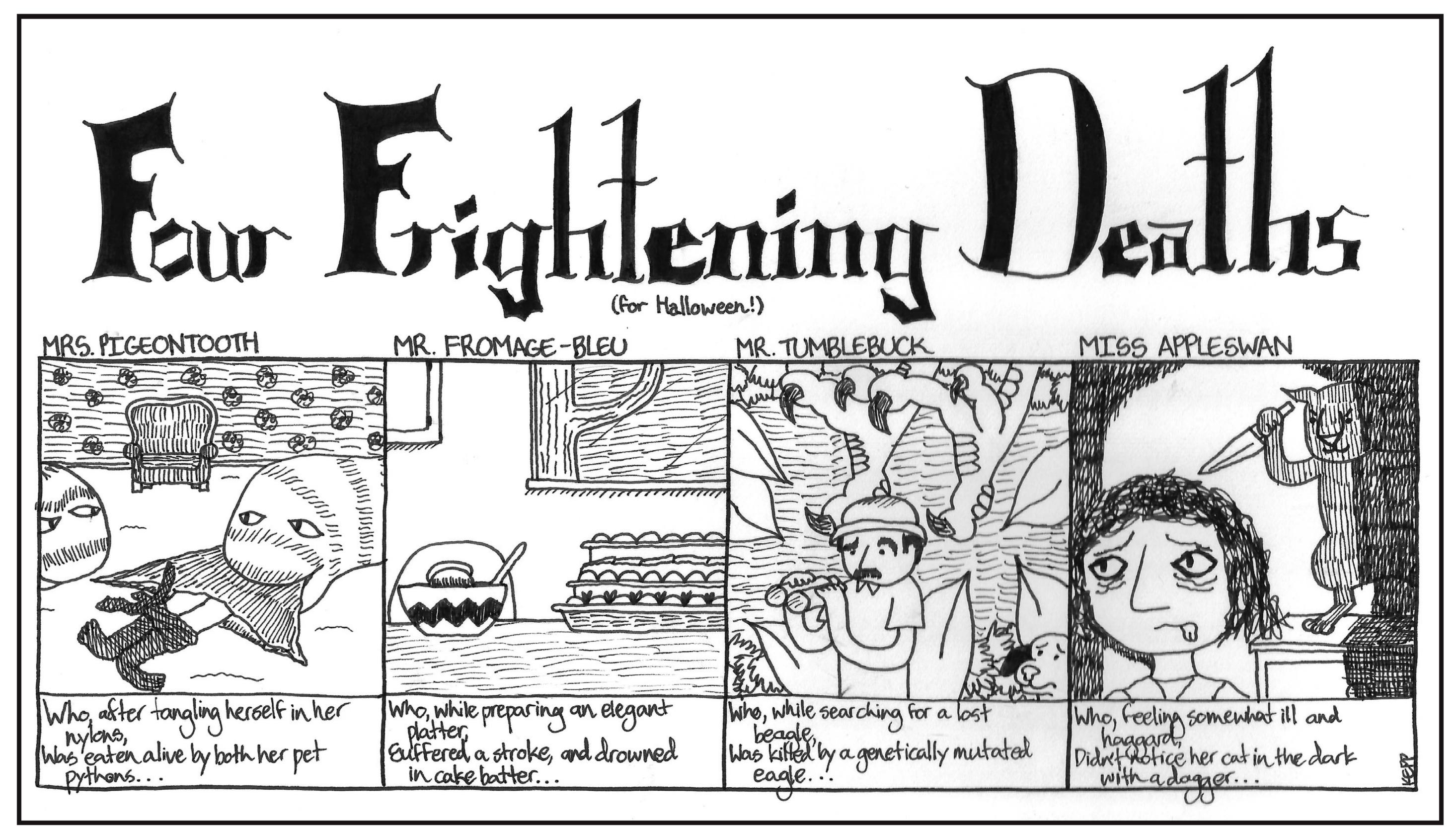
In walks Chris Roberts. Little did they know, they should have given him everything they asked for from the start. The PC gaming community has exploded with fascination and excitement over this title which is slated to come out fully in 2015. Today, Star Citizen has become the first fully crowd funded AAA game in recent history, and the effort is ongoing. This game promises immersion, challenge, immense space, and unobstructed vision.

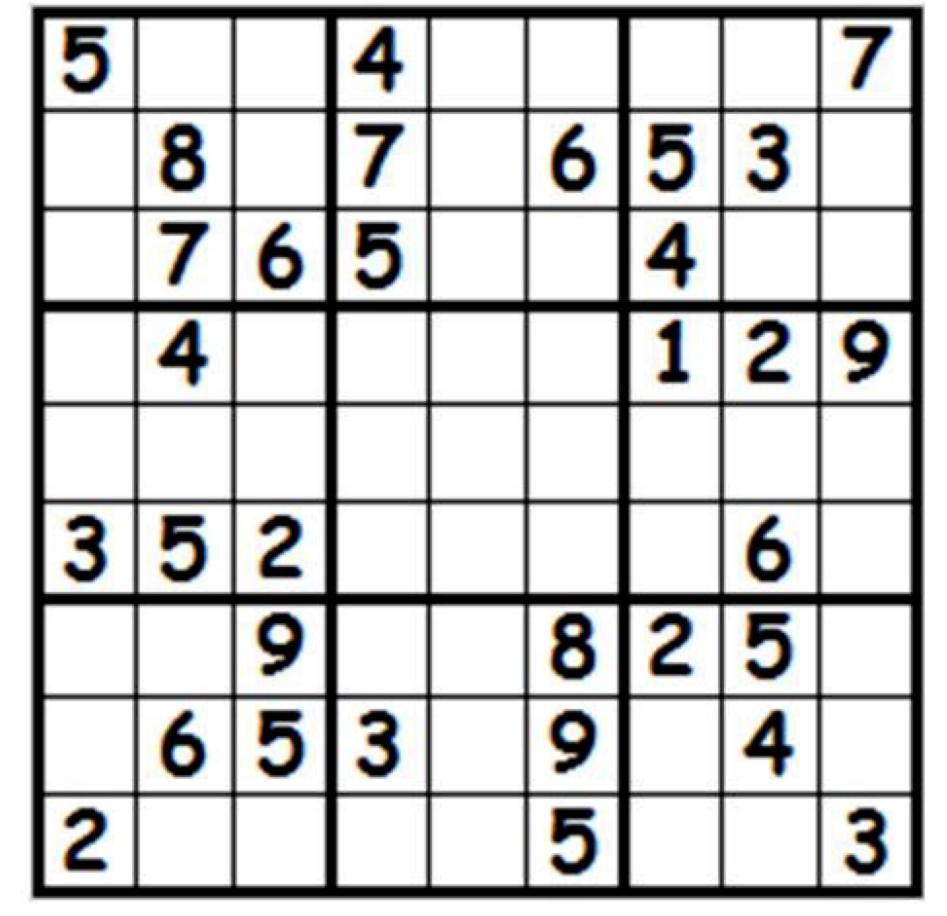
Chris Roberts' only promise is to put everything he has into making the best game possible and nothing else. The industry is watching Star Citizen closely, so let's hope for not only its success but also that its methods take hold. With Star Citizen's lesson in game design, funding, and community management there is hope for more in coming years from game developers.

Addendum: In the time it took to draft this article Star Citizen reached its \$24 million stretch goal. Check out the buzz at

## And now...a comic!

Sam Kepp ART EDITOR







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### UEFA Champions League completes third round of matches

#### **Nathan McMahon**

SPORTS EDITOR

The UEFA Champions League completed its third round of group stage matches with just three more matches to go until the knockout stages. In Group A, Manchester United is undefeated and atop the group with seven points after a quality 1-0 victory over Real Sociedad. The Reds have benefited from a relatively easy group and should advance out of the group stage.

Bayer Leverkusen trails United by just one point and is also attempting to replicate the success of other German clubs and advance in the tournament. Group B has Real Madrid five points clear with nine points at the top of the group behind the world class play of Cristiano Ronaldo and his tournament leading seven goals. This puts his 58 Champions League at third all-time which is six behind Lionel Messi's record 63 goals.

Group C also has a dear front runner in Paris Saint-Germain (PSG) led by Zlatan Ibrahimovic, whom many consider the top striker in the world at this time. PSG now sits at nine points after 5-0 battering of Anderlecht and were paced by Ibrahimovic's four goals. Ibrahimovic's performance has placed him in the running for a Ballon d'Or along with Messi and Ronaldo. Olympiakos and Benfica are tied with four points each to earn the second spot in the group and advance.

Group D also has a perfect team in Bayern Munich with nine points and are trailed by Manchester City with six points. Bayern are looking much like PSG as favorites to reach the finals with their current form.

However, Group E, one of the tighter groups where Chelsea and Schalke are tied with six points for the top spot and followed closely by Basel with four points. Chelsea most recently beat Schalke in a dominating 3-0 win behind a pair of goals from Fernando Torres who is continuing his tournament goal scoring form from last season. Even more closely contested than Group E is Group F where Arsenal, Borussia Dortmund, and Napoli all have six points midway through the group stage. Dortmund most recently topped Arsenal with

a 2-1 win to draw even in the standings.

Atletico Madrid has not missed a step this season since selling striker Radamel Falcao and is on top of Group G with nine points followed by Zenit St. Petersburg with four points. Group H is one the toughest group in the tournament with Barcelona leading the group with seven points followed by AC Milan with five, Celtic with three, and Ajax with one.

One of the top games so far of the tournament was the 1-1 draw between Barcelona and AC Milan that saw goals from Robinho and the stellar play of Kaká for AC Milan and a goal for Messi to add to his own goal scoring record. These two teams on paper appear to be the most likely to advance out of this highly competitive group.

### Men's XC depends on teamwork towards end of season

#### Phillip Cano

TECHNEWS WRITER

Running is not just running; it's a way of life. Practices are not just practices; they are daily lessons in life. Because for a runner, it's what you become along the way that is most meaningful. In cross-country, a team is considered victorious when everyone believes in each other and holds faith in their training and coaches. It takes everybody to be

successful. Just knowing in your head that your teammates are fighting on the same battlefield allows you to trust in something greater than yourself. And this enables you to freely run your best performance.

It was a beautiful morning for racing. The fresh air was plentiful and the grassy golf course felt soft on your feet. It was only one week ago that the Illinois Tech Cross Country teams traveled to Winneconne, Wisconsin to compete in the UW-Oshkosh Brooks

Invitational. Leading the Scarlet Hawks was Samuel Wietlispach, who ran a solid effort of 27:32 over the 8 km course. Next up was the dynamic duo of Seniors Phillip Cano and Andrew Montague who crossed the finish line in the same time of 27:52, scoring 177 and 179 points.

Landon Vowels and Ethan Montague rounded out the Top Five for Illinois Tech finishing in 187th and 208th.

Overall, IIT collected a 31st place

finish out of 37 total teams. The team that won the meet was NCAA DIII North Central College scoring as little as 33 points.

They are ranked #1 going into the post-season, but still had to fight off 2nd place Washington University of Saint Luis (64 points) and 3rd place UW-Eau Claire (133 points).

IIT's next and last cross country meet will be the CCAC Conference Championship on November 9 in Valparaiso, Indiana.





Photos by Phillip Cano

## Men's soccer falls short on special senior celebration

#### Bart Grabowski

TECHNEWS WRITER

The Scarlet Hawks looked to rebound against conference foes, Trinity International, on a frigid Tuesday night. The Hawks were also honoring their three seniors: Robert Rixer, Nordine Amlaiky, and Jorge Salas-Moreno, as they looked to earn the Illinois Tech their fourth conference win of the season.

The first half began with the Hawks controlling most of the game and keeping Trinity on more of the defensive side. Illinois Tech struggled to finish early scoring opportunities, but remained positive in their relentless attacking pressure.

The first half proved to be the Scarlet Hawks best defensive half of the season as they limited Trinity International to just three shots. The first half ended in a scoreless campaign and the Hawks accumulating a total of three shots.

Athalftime, the Hawks congratulated their three seniors as their season dwindles to just five games. Robert Rixer, senior, hopes to continue his career in Civil Engineering. Nordine Amlaiky intends to pursue his Business

Administration degree, and so does Jorge Salas-Moreno.

On behalf of the Men's Soccer Team, we would like to thank all the seniors for what they have done for the team.

The Scarlet Hawks looked to keep their first-half momentum going and earn a win for their seniors. The second half provided a fluctuation of activity from the offensive side for Trinity International.

Trinity scored the game's first goal in the 60th minute from a volley by goal scorer Joseph Sanborn. Minutes later, the Hawks saw themselves facing a 2-0 deficit with just under 20 minutes remaining. Illinois Tech clawed their way back into the game with a beautifully assisted ball from Brandon Ramirez to Nordine Amaliaky, to cut the lead to 2-1.

However, a late goal was by Trinity was the difference in the game as the Hawks lost 3-1.

Illinois Tech is now 5-6-3 overall and 3-4-1 in conference play. They look to bounce back as they face rivals Saint Xavier University and Calumet College of St. Joseph in the coming weeks.

### Women's soccer defeated on home turf

#### Veronica Torres

TECHNEWS WRITER

The Women's Soccer team returned to action athome for two straight games taking on nationally ranked Judson College and Trinity International University. Both matches resulted in a loss for the Lady Hawks; however the scores did not reflect their performance.

The game against Judson started on the defensive side for the Hawks as they absorbed several waves of attack from the Eagles. The Tech backline held strong, limiting the visiting side to only one goal in the first stanza.

Recognizing the opportunity to go on the offensive and equalize, the Hawks pushed for some attack in the second half. They began to find their rhythm, catching Judson on their heels and putting the Eagle defense to the test

Despite their efforts, the Scarlet Hawks were unable to find the back of the net and the visitors capitalized on their counter attacks. Judson sealed their victory finding the net three more times to end the match 4-0.

Later in the week, the Hawks matched up against the Trinity International University Trojans. The game began fairly even with both teams finding opportunities to go to

However, a 10-minute span of disorganization found IIT down three goals. Even with the lopsided score, the game was not out of reach for the Hawks.

The home side had two break away opportunities when Adrianna Maron and Anida Phetchanpheng each found themselves

free, past the Trojan defense with only the keeper left to beat Unfortunately, the Hawks were unable to put it away and punish them, leaving the score 3-0 at half time.

The second frame looked optimistic when Kristen Barrett curled in a free kick from the left side of the field into the back post. But Trinity International still proved to be too much for the home side as they were able to strike two more times in the half.

Illinois Tech looks to bounce back when they head to Olivet Nazarene University to take on the 16th ranked Tigers.

## Women's XC takes on Brooks Invitational

**April Wanagas**TECHNEWS WRITER

The Scarlet Hawks Cross Country Team took their first multi-day trip this season last weekend on their travel up to the Brooks Invitational hosted by UW- Oshkosh in Winneconne, Wisconsin. In the biggest race of the season, the lady hawks arrived to the 2.5 loop course Saturday morning; to be greeted with nearly perfect racing weather conditions again, and even better -an all flat course. Racing only their second 6k of the season, and having four weeks of training since their first one, there was a lot of room to make great Personal Records (PRs).

Getting off the bus, the lady hawks saw just how big the field of competition was. They would be competing in a field of just over

40 teams, placing exactly 509 girls at the starting line. With only six of these girls wearing the Illinois Tech Uniforms, they knew it was a leave-it-all-on-the-course kind of day. With that many girls at the starting line, the girls knew everyone would be trying to get out fast to avoid getting stuck in a slower pack of runners.

When the gun went off, everyone did just that. Runners took off faster than any other race of the season, and being in a middle box, the lady hawks saw themselves surrounded on both sides by jerseys of all colors and schools. The girls took off and each settled into a fast pack, hearing a first mile split of at least 20 seconds faster than their normal pace.

Without panicking, they knew their legs would be getting tired faster with this out of the gate pace, but there were also more runners to chase and tuck in behind so they could still

reach astounding PRs. With just over two miles down, their legs became heavier, and the large packs of runners started thinning out, meaning it was time to start picking off people rather than maintaining speed, and to begin passing girls to earn every point possible. The lady hawks used the remaining 1.7 miles and the large stretches of flat course to pick up momentum.

With even more fans than runners, the entire course was filled with lines of parents, coaches, and loved ones, yelling splits and motivation to reach the very last point of the finish line with an empty tank. Therefore, with all this energy built up before and during the race, and after sprinting across the finish line, five of the six lady hawks saw new PRs flash beside them on the clock.

Anne Crotteau finished first for the team, a new spot for her this season, with a time

of 23:13 in 66th place. Courtney Rouse was only four seconds behind her, finishing in 75th place. Sara Glade was the third lady hawk to cross, in 24:58 and 169th place, followed by Greta Zola in 201st, April Wanagas in 205th, and Ellen Ween in 210th, finishing in 26:04, 26:23, and 26:37 respectively. This gave them a 25th place team scoring, beating other Chicagoland schools such as Benedictine, Lake Forest, and Concordia University. First place was captured by Calvin College, followed by the University of Chicago, and Washington University of St. Louis.

The cross country team looks forward to having three weeks off for only training and recovery, before they look to race again. Their next and final race will be at Valparaiso in Indiana for the Conference Championship on November 9th.

















Photos by April Wanagas

# LLINOIS INSTITUTE OF TECHNOLOGY

# University Calendar October 28th - November 3rd

IIT on Da Cloud MTCC Auditorium 12:00-2:00 PM

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

Rocky Horror Picture Show Union Board MTCC Ballroom 7:00 PM

Mossolow

General Body Meeting Ethics Bowl Schmidt Study Room 12:50 PM

Undergraduate Research Expo HH Gallery Lounge 5:00-7:00 PM Haunted Laser Tag Union Board MTCC Ballroom 8:00 PM

Medinesdow

General Body Meeting USA E1 242 12:45 PM The Fear Haunted House Navy Pier Union Board 7:00 PM

Monresolon

General Body Meeting PH 208 AIChE 12:50 PM

Halloween Carnival Bog Events The Bog 9:00 PM

Friday

Social Networks and Innovation MTCC Auditorium & Ballroom 9:00 AM-4:30 PM WIIT Trance Dance Party Bog Events The Bog 9:00 PM

Soffmidel

Wicked the Musical Union Board 8:00 PM Someley

Free Weekend

## Upcoming Union Boord 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 Tickets for Haunted House open to any IIT, Shimer, or Vandercook student!

Pick it up from the Office of Campus Life 9 AM-6 PM



Happy Halloween Week! View the Union Board events at tinyurl.com/ubhalloween13