CAMPUS ASE **SPORTS TUESDAY** What happens when you Tech[nology]News is hoppin' this Nick Wise is our Athlete recycle an old TechNews? April 10,2012 Spotlight! issue! Pg. 6 Pg. 8 Pg. 11 Volume 172 | Issue 11 technewsiit.com OPINION 2 Campus 3-7 **A&E 8** The Slipstick 9 Sports **10-11** Student newspaper of Illinois Institute of Technology since 1928

IPRO 338: Retrofitting Crown Hall

By Hollie Lohman
TECHNEWS WRITER

The Interprofessional Project course (IPRO) at IIT is a team-based learning environment in which students from various concentrations and disciplines work together to solve real-world problems. IPRO 338, sponsored by the Electrical Contractors Association of City of Chicago and Operation Green Jobs, is tasked with participating in the NECA Green Energy Challenge. For the NECA Green Energy Challenge, the IPRO team was challenged to identify a facility on campus that is in need of energy efficiency improvements. IPRO 338 chose to consider Crown Hall for

analysis, as it is considered the most historically significant building on campus, as well as the most energy inefficient. T

he team then conducted an energy audit of the building's power and lighting systems and a preliminary design of an energy retrofit for power and lighting systems. Additionally, they designed a new solar PV energy generation system for the facility.

Crown Hall was built between 1950 and 1956, during Mies van der Rohe's tenure as director of Illinois Institute of Technology's department of architecture. The modern-style steel and glass building is regarded as one of the most architecturally significant buildings of the 20th century modernist movement. Due to the limited technology available in the

1950s, Crown Hall does not meet the current minimum standards set by the American Society of Heating, Refrigerating, and Air-Conditioning Engineers.

IPRO 338 sought to perform an analysis on possible smart technologies that could be implemented in the building. The next step was to eliminate those technologies that would be considered aesthetically unacceptable due to the historical significance of Crown Hall.

Upon elimination of those technologies, the team performed an economic analysis to determine the energy savings and payback timeframe for each possible implementation or combination of implementations. The following categories were considered for Crown

Hall renovation analysis: lighting, building envelope renovation, geothermal technology, and photovoltaic technology.

Based on research conducted by the team, lighting retrofits and geothermal technology were the two most viable options to consider. The lighting retrofit would pay for itself after 14 months and the geothermal installation would pay for itself after 15 years. After the pay back dates, these two technologies combined could generate over \$100,000 per year in energy savings.

For more information, or to request the full report, visit http://www.facebook.com/pages/Chicago-Hawks-Retrofitting-Crown-Hall/348277218523961.

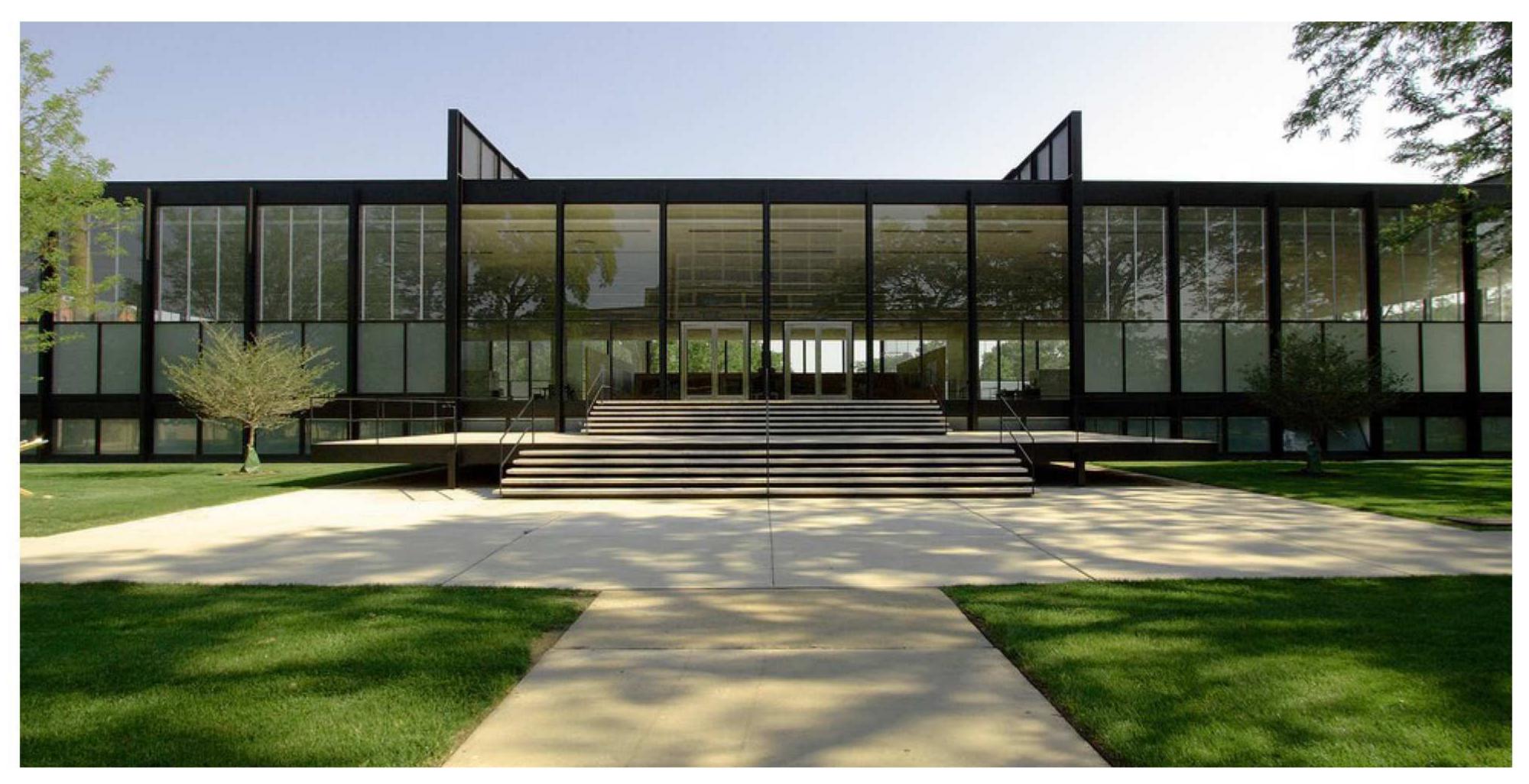


Image courtesy of mimoa.edu

Congratulations!: SGA Election Results

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TechNews

STUDENT NEWSPAPER OF ILLINOIS INSTITUTE OF **TECHNOLOGY SINCE 1928**

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MISSION STATEMENT

The mission of TechNews 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

TechNews is written, managed, and edited by the students of, and funded in part by, Illinois Institute of Technology. The material herein does not necessarily reflect the opinions of Illinois Institute of Technology or the editors, staff, and advisor of TechNews. There will be no censorship of TechNews publication by the faculty or staff of IIT. Sole authority and responsibility for publication and adherence to the values set forth in this policy rests with the TechNews staff. This paper seeks to bring together the various segments of the Illinois Tech community and strives through balance and content to achieve a position of respect and excellence. TechNews strives for professionalism with due respect to the intellectual values of the university and its community. All material submitted becomes the property of TechNews, and is subject to any editorial decisions deemed necessary.

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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The editors reserve the right to determine if submitted material meets TechNews' policy and standards.

LETTERS TO THE EDITOR

Letters to the editor may be submitted by anyone, but are subject to review by the editor-in-chief. All letters-to-the-editor become the property of TechNews upon submission. TechNews does not accept or publish anonymous letters.

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Open Letter: When my scholarship was taken away

By Aleksander Bogoevski

TECHNEWS WRITER

My name is Aleksander Bogoevski, and I am a senior majoring in Business Administration with a specialization in Finance, and I also represent my college in the SGA Senate. Since the age of seven, I have been actively playing soccer for a number of teams in Spain, Macedonia, Greece, and most recently the United States. Upon graduation from high school, my passion for soccer led me to seek opportunities to continue playing on the collegiate level, and I was subsequently recruited by the IIT men's soccer team to come to Chicago and play while getting my degree.

During the past summer, the coach of the men's soccer team, Mr. David Strother, gave each of us a workout schedule we had to follow, and requested us to send him the times for our runs. During this period, I was injured after fainting twice doing what he expected of us. I had to pay the medical expenses since I was not covered by the athletic insurance; the athletic department did not want to take any responsibility for what happened to me while I was getting ready for the season.

After the two times that I fainted during my pre-season running, the coach sent me to the team's doctors who determined that I could still play, and I was told to continue weightlifting in August during pre-season. Due to the lack of concern by the medical staff at IIT, my life was now literally endangered. Since then, neither the coach nor any other professional IIT staff have expressed interest in following my health situation.

I also decided to ask the team doctors for a written letter saying that I could train, which they did not provide me with; they instead sent me to Mercy Hospital for further examinations because I insisted that this situation should be cleared before I started training normally. In hindsight, this was probably the best thing the team has done for me this past year.

From then on, none of the doctors in our university told me what to do - which meant that I had to figure out my own way and contact doctors from my home country, Macedonia. I contacted a doctor in Macedonia who knows me well, having examined my condition after what happened to me during July and August. He strictly decided that I should not do any physical activity until an electrophysiology study had been done and he was able to clear me; so that is what I did.

After some tests were done at Mercy Hospital, a clear diagnosis was not made, and I insisted on further tests. The doctors there then decided to send me to Dr. Burke, of the University of Chicago Hospital. After some tests by Dr. Burke, he too told me that I should cease all physical activities since he saw my situation as life threatening. On the 10th of November, Dr. Burke conducted an electrophysiology study and a heart biopsy together with an MRI.

A large number of documents and results were given to the coach and the athletic department in order for them to better understand my situation and followup as they deemed fit. During the season, due to the coach's directive, I attended every practice, home game, and even some away matches in order not to create any problems within the team.

After the end of the first semester, I went to my country to see Dr. Handziski, a specialist in sports medicine as a member of the Macedonian National Soccer Team, which I was a member of. He has known my situation and has been following me for years, thus, he was my best option. When

Dr. Handziski was provided with my results from the tests made in the USA, he decided to prohibit me from any stressful activity so as not to put me in danger. On the 16th of January 2012, after coming back from Macedonia, I had to undergo a second MRI at the University of Chicago.

The biopsy I made during the prior semester, which I mentioned previously, was sent to Boston for coloring; the results have not arrived yet, but hopefully they will soon. Depending on the results from the biopsy, Dr. Burke mentioned to me personally that he might have to urgently make another intervention in my heart, which would entail placing a defibrillator in order to reduce any life-threatening risk.

My situation is not a muscle problem or an ankle strain, but a more serious problem than Mr. Strother and the medical staff at the athletic department thought and continue to believe. By the suggestion of my doctors, I should not attend any training or match for physical and psychological reasons that can further harm my health.

In February, my coach called me for a meeting, not to ask me about my situation but to tell me that I must attend all trainings for the Spring Semester of 2012. This was when I let him know that this would not be possible as per my doctors' suggestion. Everything I was doing was by the decision of my doctors, and I was greatly disappointed that my coach made the decision to cancel my scholarship for this Spring Semester without a consultation with any doctor or with the rest of this institution.

Because I have been at this university for three years now, I know the general practice has been for players not to attend the last

semester before graduation, and this year has shown consistency since a few players have not been attending while still not undergoing any significant problems such as mine. Have their scholarships also been cancelled? I am sick while they are healthy, but are we in the same position?

Throughout the past three years, as a student-athlete, I have genuinely put my heart and soul into everything I did in order to best represent IIT, not only athletically, but also through my involvement in the Student Government Association and International Students Association, among other things, and even by whole-heartedly participating in the recent School Spirit Day.

In return, I feel disappointed by the lack of guidance provided to me by the athletic department, Office of the Dean (to whom this letter was originally addressed), and the athletic medical staff, along with the amount of apathy the department has expressed toward my personal well being, especially in regards to this life-threatening situation. The fact that I represent an international soccer team has been completely ignored.

From all of this, I hope that in the future, no IIT student-athlete is subjected to such an immensely painful experience. That remains one of my main objectives in writing this letter. With a month left to graduate, I am currently left with a huge negative financial balance, repeated refusals to acknowledge my international soccer team's medical adviser, and most importantly, bitter memories of uncooperation and apathy which have merely blemished my positive experience of representing this university for the past three and a half years.



ILLINOIS INSTITUTE OF TECHNOLOGY Career Management Center

Student Spotlight: Co-op Experience



Did you miss the first session? Now's your chance!

Wednesday April 18th 1:00pm-1:45pm Engineering 1 Auditorium Room 104

Ever wanted to work at NASA?

Join NASA Co-op student Elena Buhay to learn about what opportunities you can apply for at NASA and what it's like to do a Co-op! Oh, and eat some PIZZA!

Not an aerospace engineer? Don't worry; there are lots of opportunities!! All Majors Welcome **US** Citizens

Mock Trial Association comes to campus, encourages awareness

By Raviteja Maddireddy **TECHNEWS WRITER**

The first successful student body meeting of the Mock Trail Association was organized on Thursday, April 5. This student organization is being headed by Roy Chon (President) and under the guidance of Faculty Advisor Dr. Marget Power.

This new student organization has been formed to help students in improving their public speaking skills, confidence levels and teamwork skills. Also the Mock Trail Association plans to host events which aim to bring awareness of the United States legal systems among IIT students.

Roy Chon, in the meeting, said the organization will showcase guest lectures on the legal system and organize mock trails at campus and will help in training of the students in public speaking. He also promised that, apart from learning, the students will have lots of fun

in the meetings by meeting new people and making new friends.

These training sessions will help students to deliver speeches even under intense pressure, which is an important skill to develop. So, this is a great opportunity for the students of IIT to improve their personal skills by taking part in the upcoming events of the organization.

This organization is inspired from the American Mock Trial Association. IIT's Mock Trial Association is planning to participate in

various competitions with other universities and is also aiming to conduct a national-level trial event on IIT's Main Campus, potentially before the end of this year.

Mock Trial Association is also looking for students who are interested to fill vital positions in the organization. Students interested in this organization can register by attending next student body meeting or by mailing to mta@iit.edu. The next student meeting will be on Thursday, April 12, in E1.

Foreign Language Program offering classes next semester

By Utsav Gandhi **CAMPUS EDITOR**

After months of hard work and deliberation put in by the Illinois Tech Student Government Association (SGA), following up with what was an oft-repeated student suggestion, the Foreign Language Program has finally seen light and materialized into a concrete deliverable. The class begins next semester. Scheduled as COM 125—Intro to Language and Culture I: Spanish, it will run Tuesdays and Thursdays from 5:00-6:15 p.m

in Siegel Hall 204.

Sarah Lim, from the College of Architecture, is one of the primary senators responsible for the success of this program. Her hard work, recently concluding with meetings with Vice Provost for Undergraduate Affairs Mike Gosz, persuaded the administration and faculty over the last couple of years to drive the addition of this course—and subsequent Spanish L&C classes—to the schedule. As of now, the Humanities Department does not have a teacher for the class, but it hopes to find a native-speaker for the job. The enrollment cap for the class will be 20, and for now there will only be a single section offered, though that could change if demand warrants. The course attributes are communication requirement and humanities requirement at the Standard Tuition Rate.

As a current brief course description, the department drafted the following. "The first of a two-semester sequence, this course and its sequel will introduce students to a particular language and culture, which will change annually. This may be repeated for different languages. An important thing to note is that this course does not satisfy the mandatory HUM 102, 104, or 106 general education

requirement." The school has kept up their half of the bargain and now the challenge is to get students to sign up for this class!

Spanish is an extremely useful language to learn for international students especially, as it is very widely spoken in the United States. Knowing to speak it fluently might greatly increase job prospects, since multilingual employees are an invaluable asset to any company. As the course has only been approved to be a humanities requirement and a communications requirement, the SGA is still looking into making it a part of the general education requirement for all IIT students.

Chase Innovation Challenge encourages team-work in Chicago

By Matt Otten

TECHNEWS WRITER

Six teams comprising 25 students took part in the Chicago Innovation Chase semifinals on the weekend of March 10.

The Chicago Innovation Chase is a collegiate entrepreneurship and innovation program run by Eurekatory, a not-for-profit organization seeded in Chicago. The Chase consists of an annual partnership, with participating universities from around the country, which includes a national inter-collegiate student innovation and Entrepreneurship competition, with a regional semi-finals competition taking place at each participating campus, and the National tournament.

For the year 2012, the Chicago Innovation Chase Finals Tournament will take place from Sept 6-10, 2012 and has participating campuses in Georgia, Pennsylvania and Washington. The teams at IIT all had to work on the overarching problem of mass communication in highly

volatile situations. Each team was assigned a specific situation, which included biohazards, hostage situations, escaped felons, bank fraud, and riots.

The weekend centered not just around solving the problem, but developing that solution through all the stages that an entrepreneur would have to go through. This included design, market research, prototyping, a business plan, and ended with a presentation akin to the type of presentation one would give to a group of investors. This forced participants to learn not only about the different stages of ideation, but also about working in a high pressure situation, as all of these tasks had to be completed within 2 hour blocks.

As undergraduate David Vidal puts it: "The Chicago Innovation Chase was an amazing experience that I wouldn't trade for anything in the world. I had no idea what to expect coming into the competition but through those 3 days I gained so much. It goes without saying that when you work hard as a team on a problem you learn about leadership, brainstorming,

and teamwork. The Chase goes beyond all that. I learned what it meant to think on my feet and how it feels to take feedback and apply it. I practiced presentation skills and quick cooperative problem solving. I engaged in real world deadlines and learned what it meant to refine, refocus, and fine tune a complex idea and product. Above all else, I learned what it truly meant to be an innovator. Thanks Chase!"

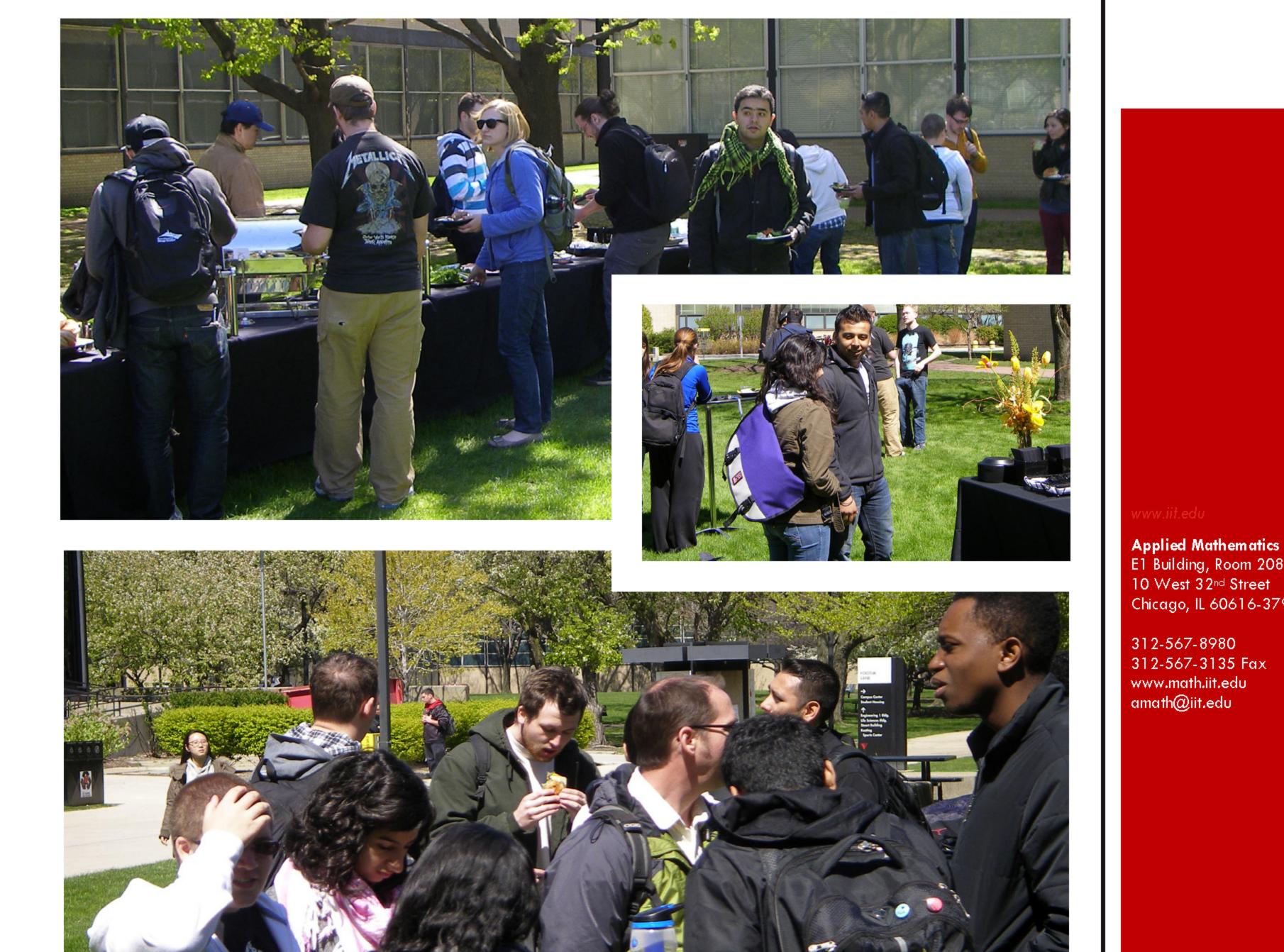
The students were not the only ones involved in the weekend: five IIT faculty, four IIT staff, and nine industry experts judged each small section of the competition, as well as providing feedback and support to the teams along the way. These experts, from both within the IIT community and outside of it, as well as the organizers, Jodi Houlihan and Daniya Kamran, were instrumental in making the weekend a success. Of special note was IIT's School of Applied Technology Dean Bob Carlson, as he sponsored the Chicago Innovation Chase at IIT, and was both instrumental in ensuring the weekend happened, as well as providing great insight to the students participating. They were

able to mentor the teams, providing a level of knowledge that made all of the good ideas into great, well-developed solutions. In addition to the experts, several high school students, Tori Taylor, Nadia Ahmed, and Ana Barnette, acted as news staff, creating newsletters which succinctly informed the participants of what each team was doing, as well as the most current scores.

The weekend ended with final presentations from all of the teams, followed by an awards ceremony. Team MAU, comprising Matt Otten, David Vidal, and Urba Mandrekar, were awarded first place with their idea of a reconnaissance quadcopter and supporting software to be used by authorities in riot and riot-prone situations. They will continue on to the finals, which are to be held in Chicago September 6-10. In the finals, teams from all over the country will compete in an advanced ideation process, each with a different problem.

For more information, visit leadthechase. com or eurekatory.com.

Student-Faculty Cookout



Photos by Kyle Pancham



4rd IIT Math Contest

Organized by Department of Applied Mathematics **Sponsored** by IIT SIAM Student Chapter

12:45-1:40pm, E1 102 Wednesday April 11, 2011

- Open to all IIT undergraduate students None of the problems require any advanced mathematics
- ★ The winners will receive monetary prizes and certificates
- The results will be announced during the Menger Event, April 23
- ★ If you have any questions email us at weeklyproblem@math.iit.edu

Looking forward to your participation!

Committee: Igor Cialenco Lulu Kang Hemanshu Kaul Shuwang Li Michael Pelsmajer

Applied Mathematics

10 West 32nd Street

312-567-3135 Fax

www.math.iit.edu

Chicago, IL 60616-3793

IIT Rock Climbing visits Red River Gorge

By Dan Zweig

TECHNEWS WRITER

Last week, TechNews made an immense error and accidently printed this spread with the improper text attached to it. We apologize immensely to IITRock Climbing Club and anyone else that this inconvienced. We appreciate your understanding and patience.

Over Spring Break 2012, 14 members of the IIT Rock Climbing Club travelled to Red River Gorge, Kentucky to rock climb for 4 days. With the generous aid of the SAF and the commitment of the Rock Climbing Club's Executive Board this event ran smoothly and very successfully, with members of all skill levels learning, excelling, and developing as rock climbers.

The group made camp at Miguel's Pizza with hundreds of other climbers from across the country for \$2 per person per night. At 8:00am on Thursday, as the final five members drove up from the seven hour drive, the entire group departed for the Great Wall at Muir Valley, a privately owned valley in the Red where climbing is free and all routes and trails are maintained by avid volunteers and climbers.

After hiking 30 minutes into the valley the club started with a 5.7 and 5.8, with more experienced climbers leading the routes up the wall and setting equipment. At the same wall we set a 5.10a, 5.10c, and a 5.6. Every member was able to climb before the group moved on to Bruise Brothers Wall, where members climbed 85' 5.10a's, 40' roofed 5.11a's, and other challenging routes. Nearby, in the hot Kentucky sun, members explored the preserve to discover huge erosions in the sandstone cliffs where waterfalls had formed.

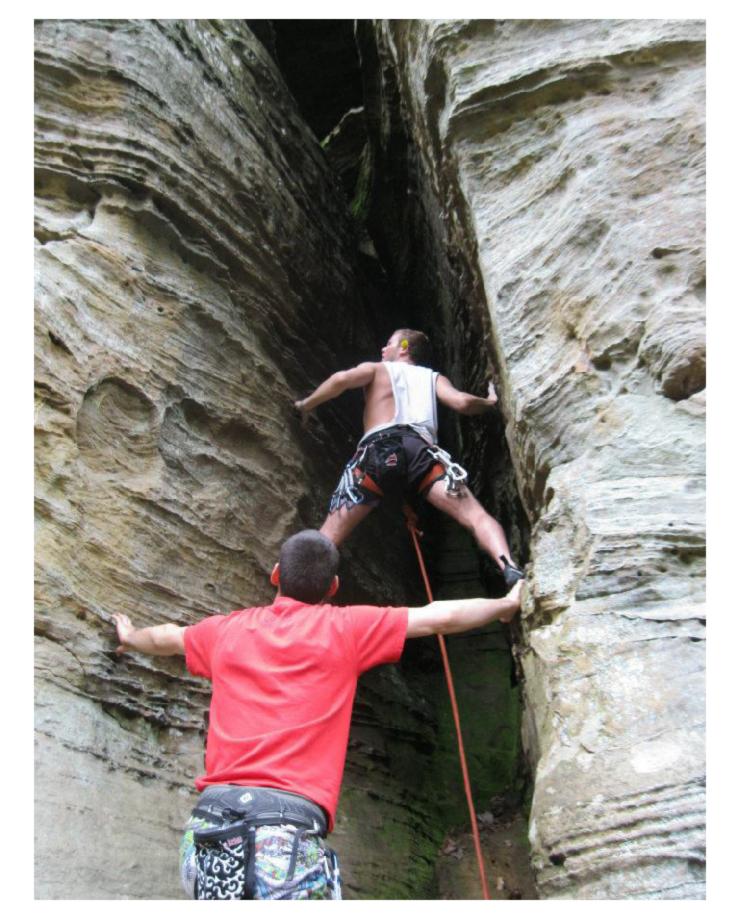
On Friday the group started at Volunteer Wall in the Pendergrass Murray Recreation Preserve where members climbed several challenging routes before it started to downpour. Many members learned to lead climb at this wall before the rain forced members to either find a

of the muddy and steep parking lot before it was too wet. We found a cave to eat lunch in that was several hundred feet wide and around two hundred feet deep. After lunch we drove back to Muir Valley where we climbed at the practice wall, teaching more members to lead and clean routes, while kept dry from the rain by the sandstone cliff overhang above. Routes included a chimney and a 5.11a crimp-heavy route.

On Saturday the group started at Left Flank near Military Wall and climbed several challenging routes until lunchtime, teaching more members to lead climb, lead belay, clean, and even set trad gear. After lunch some members packed up to drive back to Chicago, while the rest of the group continued on to Pistol Ridge in the north valley and climbed several more routes, concluding with an 85', 5.9 that lead up a stepping outcrop of sandstone at sunset.

Sunday the group climbed at Gold Coast and Crossroads in the Pendergrass Murray Recreational Preserve and continued to teach more members to lead climb and enjoyed their last afternoon in sunny and beautiful Red River Gorge, Kentucky with some more 85' routes.

Rock Climbing is definitely a great sport for anyone who enjoys the outdoors and the club was excited to see members of all skill levels learning, teaching, and having an amazing spring break in Red River Gorge, Kentucky. Club members are excited for more opportunities such as a trip to Devil's Lake, Wisconsin or possible trips next semester to Jackson Falls in Illinois, or Joshua Tree, CA. Trips like these are funded and made possible by working with organizations like the Student Activities Fund and the Office of Campus Life, and the entire club expresses their gratitude to these organizations for helping make IIT experiences like this as incredible as they are. The IIT Climbing Club climbs indoors in Chicago almost every weekend and is always looking to expand its membership from the 195 people on its emailing list or its 121 Facebook members. To join, email iitclimbing@gmail.





Sampus Life Announcements

Congratulations to Sigma Phi Epsilon Fraternity, the winner of Greek Week!

Congratualtions to the New Student Organizations:

Ride IIT

Bayesian Card Playing Group

Strength Club

March Student Organization of the Month:

33rd Street Productions

Reminders:

Office and Key Return

Monday, May 7, 2012 at 4:00p.m.

If lost or damaged, organization will be charged \$250

Org Registration

Registration link will open on April 23rd.

In order to be recognized as an organization, registration with OCL is required.

Peer Mentor applications available

tinyurl.com/PeerMentor2012 (Due Sunday, April 15)

Stress Free Zone (4/30 through 5/4)

Oxygen bars, massages, The Office marathon, and more!

Big Event

Saturday, April 21st

Featuring Comedian Dave Coulier

Congratulations to new SGA Executive Board!

President: Kelly Lohr, Executive Vice President: Matt Otten, Finance Board Chair: Emmanuel Klu, Vice President of Student Life: Rani Shah, Vice President of Academic Affairs: Soonen Ahua, Vice President of Communications: Dorian Karter

Thank you to the former SGA Executive Board!

President: Elnaz Moshfeghian Executive Vice President: Dhara Shah, Finance Board Chair: Bhavna Hosakere, Vice President of Student Life: Gokul Butail, Vice President of Academic Affairs: Eyoel Asfaw, Vice President of Communications: Kelly Lohr

Contact: Campus.Life@iit.edu



COMPOST







TRASH























The truth about campus recycling

TechNows

Ву ПТОСЕЗ

On April 19, at noon, in the MTCC Ballroom, the Office of Campus Energy and Sustainability will present the Campus Sustainability Annual Report, which will detail HT's performance pertaining to its seven main sustainability goals for 2020

In one of those goals, IIT plans to reduce per capita waste by 75% by 2020, and we as a university have made steady progress over the past couple of years towards accomplishing that goal.

That said, recycling/neuse/waste reduction, ent one of the most contentious issues in the campus environment

The Facilities Department, responsible for managing the custodial and waste hauling contractors, hears complaints about "trash and recycling being mixed together."

Conversely, the staff in the Sustainability Office hears regularly that students, faculty and staff need to stop throwing trash in the recycling containers because once they do, the custo dians must throw the whole container in the trash.

Some students, faculty and staff say they have no faith in the program, so they do not want to waste their time separating which only contributes to a downward spiral: More contamination, more material into the trash, less confidence in the program, more contamination.

This vicious cycle ignores one important fact about the recycling program.

The recycling program is people.

The members of the community are people: the custodians who handle the materials are people; the truck drivers who handle the materials are people; the sorters at the recycling facilities are people.

It is understandable, and easy, to blame an institution for screwing things up, what is hard is finding ways to not only talkabout how it can be solved, but become a part of the solution. One of the easiest ways to start that process is with facts.

 On average, a little over 1/3 of all material thrown into trash and recycling bins is recycled.

2) Approximately 98% of all material thrown into a recycling bin ends up in a new product.

3) Based upon a waste audit from last August, about 70% of all material in trash and recycling bins can be recycled So, we are only about halfway to what we can accomplish.

4) Custodians have, and continue to, mixed our trash and recycling streams—sometimes due to inexperience, sometimes due to lack of training and sometimes due to a lack of supervision.

5)Members of the IIT community continue to throw recyclable material into the trash mostly because of being unsure, so metimes due to apathy, and sometimes intentionally.

When IIT revitalized the waste management program back in 2008-2009, we recycled about 15% of what we threw out, and we took major steps in our was te hauling and custodial contracts to improve the performance.

For the custodians, whose primary goal remains maintaining a safe and healthy environment, the increased responsibility of maintaining source separation, took training.

Over the past month, based upon feedback from students, faculty, and staff, the Facilities Department and the custodial contractor have innovated new ways to increase the training and knowledge base of the staff without sacrificing their cone responsibility of community health.

We acknowledge that we cannot assume good performancewill remain constant without ttention from all sides.

We ask, at the same time, that the community as a whole help us to make it easier to process and handle the waste. If you have questions about a products recyclability, contact us at campus sustaina bility@iit edu and as k.

The more questions we get, the better we can adapt our signage and outreach.

involved in the process, from the person throwing away the item all the way to the separator for the waste hauling company. needs to pay much more attention to their esponsibility.

We as a university perform in the top 25% of all universities in the country who measure and report their progress. We can do much better, but we are also building on a good foundation

A couple of other things that we as a community should know when we throw

1) Recycling is treated differently depending where you are on campus: the west (academic) end places a premium on paper so non-paper goods are bagged separately and sorted out at an off-site facility. On the east (residential) and south (rental) ends, all recyclable materials go into one dumpater known as a single-stream process—and are separated from one another at an off-site

2) Organic wastein, the form of kitchen scraps are now recycled at the MTCC and Hermann Hall through either our on site composter behind MTCC or through Waste Management. We currently have not figured out an effective process to collect the postconsumer organic waste, so that gets mixed with trash for now. We are currently looking for students to work on this idea and come upwith a viable system.

Students from the Office of Campus Energy and Sustainability have put together a "picture journey" highlighting the path of some of our waste products.

I encourage you to review these both in TechNews and online at www.iitedu/ campus_sustainability and ask questions.

We know that programs such as the necycling program can only succeed when the whole community participates, and when we must make the choice to work together to make it succeed.

Exit counseling for student loans

By HT Office of Financial Aid

This is an exciting time of year for graduating seniors and grad students alike. However, before you celebrate your success, it is important to address two issues: your bill and your federal loan exit counseling.

If you still have an outstanding bill with the university, please get in touch with the Bursar's Office as soon, as possible.

If you do not clear your balance, you will not receive your diploma on graduation day. The Bursar's Office has specialists ready to talk ouroptions overwith you, so please stop by Main Building 207 todayo rcall 312-567 -3794.

For students who have taken out federal bans at any point during their time at IIT (or any other university if you transferred to HT), you are legally obligated to complete an exit counseling session prior to leaving the university. The purpose of exit counseling is to provide you with important information regarding debt-management strategies and loan, repayment, including deferments, grace periods, loan consolidation, and loan default.

The Office of Financial Aid will not be conducting a live exit counseling session this year so this requirement must be fulfilled online. You must complete you resit counseling online prior to graduation. You may complete your exit counseling on line at uslds ed gov.

Please note that if you received both Federal Stafford Loans and Federal Graduate PIUS Loans, you will need to complete an exit courseling session, for both loans. In addition for all students with any federal loans, you will not be able to receive your transcript or register for any future classes at HT until you successfully complete exit counseling.

If you have any questions, or want to further discuss your loan, repayment options, please visit the Office of Financial Aid in Room 104 of Main, Building to speak with a financial aid counselor. Specific questions or betoeribed no guitectuo tice guidingen Kelli Goers, Federal Compliance Officer and Assistant Director, at goers kaiitedu or by phone at 312-567-5724

GRADUATING IIT STUDENTS ATTEND GRAD SALUTE!

MONDAY, APRIL 23 OR TUESDAY, APRIL 24, 2012 HERMANN HALL, BALLROOM NOON - 7 P.M.

AT GRAD SALUTE YOU CAN:

PICK UP YOUR CAP AND GOWN

- GET YOUR GUEST TICKETS
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A & Tuesday, April 10, 2012

Tech [nology] News:

Ocean depths explored in record plunge by Hollywood director

By Mike Purdy OPINION EDITOR

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In his latest endeavor, filmmaker James Cameron plunged to the ocean floor of the Mariana Trench's Challenger Deep, setting a record for the world's deepest solo voyage at the world's deepest point. Cameron exuberantly emerged from his vessel, the "Deepsea Challenger", last Monday after his successful seven-mile journey to the bottom of the Pacific Ocean marked a victory for both man and science in a time when adventure and exploration are more important than ever.

The monumental mission was funded by Cameron, along with the National Geographic Society and Microsoft co-founder Paul Allen, and illuminated mankind's efforts to explore the far reaches of planet Earth in an impressive display of technology and human enterprise. The 57-year old Cameron, who is most well-known for directing such films as Titanic and Avatar, is a marine enthusiast at heart and has completed 72 deep-sea dives in his prolific career. Many of those dives were focused in and around the wreckage of the Titanic, where Cameron quickly gained a passion for the mysteries of the ocean depths.

During his submersible voyage, Cameron's "vertical torpedo" submarine used its eight-foot tower of LEDs to cast an expanse of light onto the ocean floor while 3-D cameras captured beautiful footage of a seemingly alien landscape. The vessel also collected living samples and oceanographic data to be analyzed by the expedition's science team.

The Mariana Trench, located roughly 200 miles southwest of the island nation of Guam, is about a mile deeper than Mount Everest is tall and nearly 120 times larger than the Grand Canyon. Cameron is not the first to have experienced the wonders of Earth's deepest point, however; in 1960, Navy Captain Don Walsh and late Swiss engineer Jacques Piccard descended to the bottom of Challenger Deep



Photo courtesy of futuredude.com

but were unable to get a proper view because their submarine kicked up too much sediment from the murky ocean floor. 52 years later, Walsh came back to aid Cameron's mission and witness him "join the club" in this historic dive.

Don't expect the Deepsea Challenger mission to be a one-time occurrence; Cameron is already planning for many future descents of the Trench. A full length article of Cameron's expedition will be published in a coming edition of National Geographic magazine, and the team is already working on a feature documentary in efforts to share

this amazing achievement with the scientific community and general public alike.

Billionaire tycoon Richard Branson is also in the process of developing his own deep-sea adventure; one that will likely see him at the bottom of the Atlantic's Puerto Rico Trench in roughly four months' time. A friendly competition seems to exist between Cameron and Branson, helping to bring much attention to the arena of privatized exploration.

Explorations such as Cameron's journey to the Marianas depths do more than just advance the reaches of humanity; they

effectively inspire and motivate new generations of energetic scientific pioneers and explorers determined to bring Earth's enduring mysteries to light. At a time when funding for such endeavors is decreasing, privatized, collaborative exploration is more important now than ever. Many areas of the Earth remain unexplored, each presenting its own unique piece to the puzzle of this dynamic blue sphere we call home. My hat goes off to Mr. Cameron and his undying curiosity for the life which lies beneath. If only all famous billionaires used their time and money as wisely.

Tech[nology]News: Pantech Burst phone review

By Ryan Kamphius EDITOR-IN-CHIEF

In the smartphone world, little attention seems to be paid to budget devices. Every year the hot new devices are the top-of-the-line smartphones that cost more and more with every year. The public is captivated by the new iPhone, which costs \$200 with a two-year contract. Android fanatics are flocking to the new Samsung Galaxy Nexus, which costs \$300 with a two-year contract. With the brand new Burst on AT&T, Pantech is looking to end the dominance of the smartphone market by highend, multi-hundred dollar devices. Costing just \$50 with a two-year contract, the Pantech Burst is attractively priced so that it can be afforded by all.

Trying out the device for the first time makes it clear that this is a budget device. The Burst is not nearly as thin as its higher-end competitors, nor is it as beautifully designed as the iPhone. But, this is not necessarily a problem. While not as thin or sleek as the competition, the Burst still feels excellent in the hand and has a very good weight to it.

The device feels rugged, and looks cool. The device has a 4 inch Super AMOLED display that is clear and vibrant. The device also has a 5MP camera with an LED flash that is good in a pinch, but won't be replacing your camera anytime soon. Overall, I really enjoyed the Burst's hardware. It felt well-made and solid, and despite the price of the phone, didn't feel cheap.

Powering up the phone for the first time revealed that it ran Android 2.3 Gingerbread with a Pantech-created custom skin. Android 2.3 is a solid build, and allows access to all of the hot new applications available on the Google Play Store. Pantech's custom skin

left something to be desired, however. The skin didn't seem to add many features to the device, but merely made it more cluttered.

I didn't like it all and thought it took away from the Android 2.3 Gingerbread experience a lot. I respect that Pantech is attempting to make an intuitive, feature-adding custom skin like Samsung's, but I think Pantech's skin on the Burst needs a little more time in the oven. The one feature that Pantech's custom skin brings that is a game changer is the lock screen, which allows you to launch into specific applications depending on which lock icon you drag into the middle of the screen.

Despite the lackluster custom skin, the Burst's performance is phenomenal. Using the device, applications, and all the features of the phone was a breeze. I never experienced any lag while switching applications and applications never crashed. I was extremely impressed that the Burst was able to perform at such a high level. It was performing just as well, if not better, than many of its \$200 and \$300 Android smartphone brethren.

Finally, the Pantech Burst is a 4G LTE device, able to use AT&T's brand new LTE network. I have found that many budget 4G devices drain through their batteries quite quickly. I was delighted to see that the Burst did not, and stayed powered on all day even through heavy usage.

At the end of the day, when you consider the price, the Pantech Burst is a great device. It may not have a slick custom skin like the expensive Samsung Galaxy S II or a fancy camera like the iPhone 4, but the Pantech Burst delivers in performance and utility. The Burst is an excellent smartphone for just \$50, and anyone willing to compromise on fancy features will find themselves with a powerful device that is able to keep up with the high-end devices



Photo courtesy of theverge.com

Renovations

By Myles Mellor and Sally York

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Across

- 1. Spring flowers
- 6. Holder for 1-Across
- 10. Luxury home features
- 14. Ready for battle again
- 15. Regrettably
- 16. Broke down
- 17. Available
- 18. Barber's supply 19. Part of WATS
- 20. Liposuction, e.g.
- 23. Encirclement
- 24. Maximum
- 27. James, for one
- 32. Clavell's "___-Pan"
- 33. Decorative pitcher
- 37. Emmy-winning Lewis
- 38. Hit TV show
- 42. Turbine part 43. Decorative inlay
- 44. Corroded
- 45. Supplement
- 47. Waders
- 50. ___ sin
- 54. Updating a kitchen,
- e.g. (Brit.)
- 61. Start of something

- big?
- 62. Stake driver
- 63. Like some calendars
- 64. Make waves?
- 65. Bugbear
- 66. Computer acronym
- 67. Deep black
- 68. Engine parts
- 69. Gave out

Down

- 1. Video game
- 2. City near Sparks
- 3. These may be sowed
- 4. Doggerel
- 5. Drives
- 6. Oracular
- 7. "Wellaway!"
- 8. Hot stuff
- 9. 100 centavos
- 10. Booty
- 11. Title for some priests
- 12. Monkey
- 13. Corset part
- 21. ___ pole
- 22. Apply anew 24. Female organs

- 25. Phylum, for one
- 26. Paws
- 28. Howeer
- 29. They go with the flow
- 30. Mountain ridge
- 31. Some messages
- 34. It's catching 35. Down Under bird
- 36. Noise from a fan
- 39. Lobster eggs
- 40. Overthrow, e.g. 41. "In & Out" star, 1997
- 46. Aftershock
- 48. "Johnny Armstrong,"
- for one
- 49. Maltreat
- 51. Insect stage
- 52. Noggin
- 53. Wastes time
- 54. Arizona Native
- American
- 55. Dutch 56. Gloom
- 57. Prize since 1949
- 58. Machu Picchu builder
- 59. Hit hard
- 60. Pluck

6 8 6 8 2

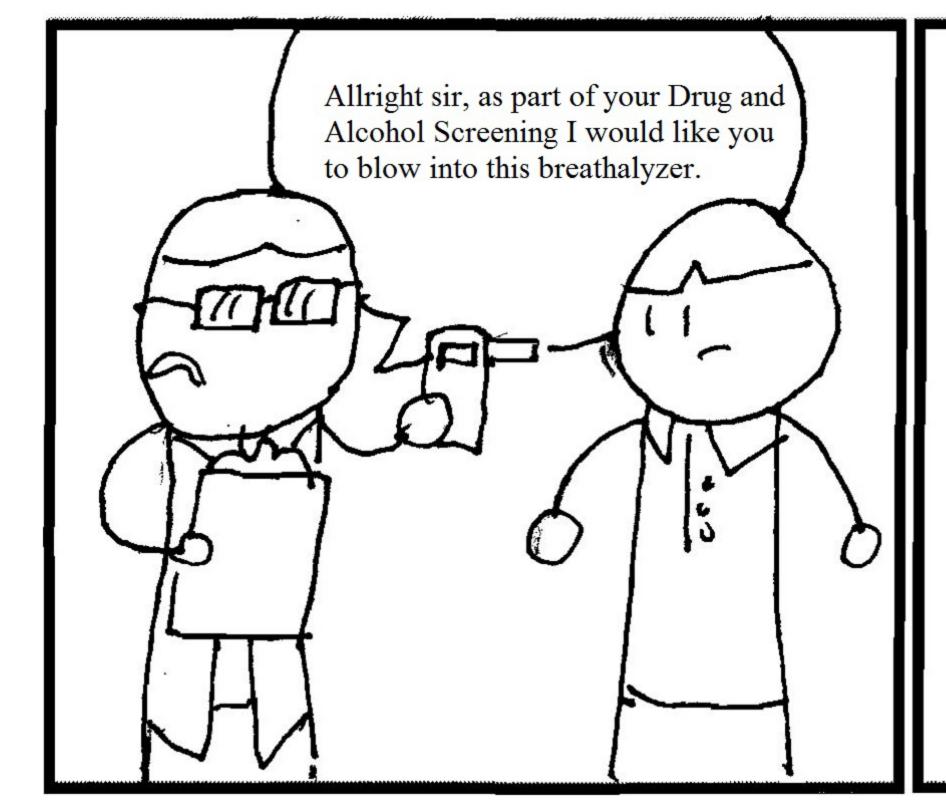


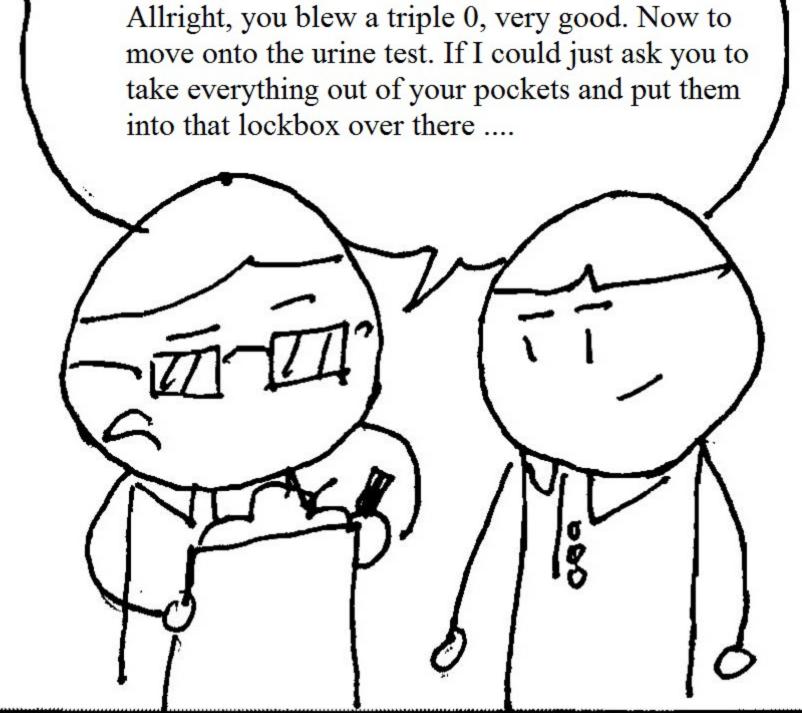
The word Sudoku, above, is actually the abbreviation of Suuji wa dokushin ni kagiru, meaning "the digits must be single" or "the digits are limited to one occurrence." Source: Wikipedia

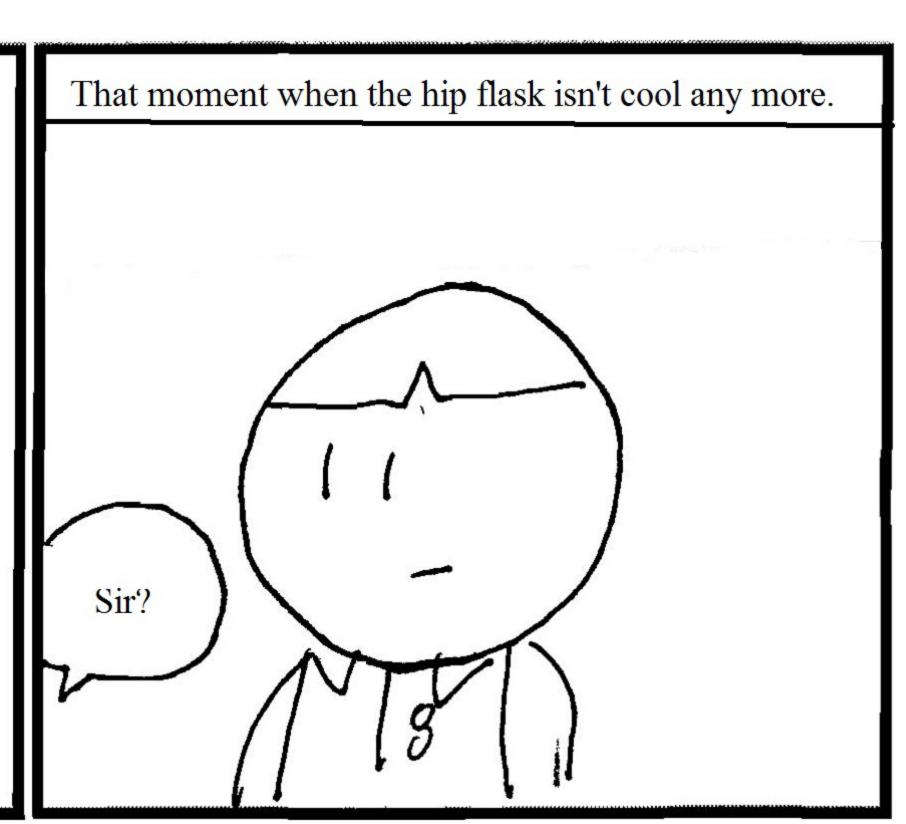
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9								1
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		6	4					
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The First Day of the Rest of My Life

By Adin Goings **ART EDITOR**







Men's Track competes at Chicagoland championship

By Erin Vincent
STAFF WRITER

Last Saturday, the Men's Outdoor Track and Field team went to the University of Chicago to compete in the Chicagoland Outdoor Championships, a large race for the team. Schools from NCAA as well as NAIA divisions raced in the area's largest event. The beautiful weather was a pleasant change and helped some of the men run new personal records.

Freshman Tyler Haag represented the sprinters, running the 200m dash in a personal record time of 24.12 seconds. Haag also ran the 400m dash, along with freshman Colin McQuone, in 55.06 and 55.18 respectively, a personal record for McQuone.

Three Scarlet Hawks competed in the 800m race: juniors Ethan Montague and Kenny Murphy, and sophomore Phil Cano. Montague led with a personal record time of 2:01.87, followed by Murphy and Cano in 2:02.69 and 2:03.08 respectively. The trio also

ran the 1500m race, in the same order, with times of 4:12.91, 4:13.72, and 4:15.47, all just shy of their bests.

In the distance events, freshman Sam Wietlispach led teammates Jeff Somerfield and Felipe Prada in the 5K race. Wietlispach came in at 16:30.40, followed by Somerfield in 18:53.60 and Prada in 19:01.02. Senior Phil Theisen ran the 3K Steeplechase, a grueling event, in a personal record time of 10:11.12, good enough to land him in 10th place.

The men also put together a 4x800m

Relay team, made up of McQuone, Theisen, freshman Kraig Van Wieringen, and junior Brian Lyles. The group covered the 3200 meters in a time of 8:41.84 and finished 7th, scoring two points for the men's team.

The next race for the Hawks is the Eagle Invitational on Saturday, April 14 at Benedictine University. Both men and women will be competing, and events will begin at 10 a.m. After Chicagolands, most of the team has four or five races left.

Women's Track and Field strong competitors at championship

By Erin Vincent

STAFF WRITER

The Lady Scarlet Hawks Outdoor Track and Field team competed at the Chicagoland Outdoor Championships last Friday afternoon, setting many new personal records. The large meet hosted by the University of Chicago provided tough competition, helping the Hawks to their big achievements. Friday afternoon started off with the

women's 3K Steeplechase, an event with five

barriers per lap, one of which has a water pit after it. Senior Erin Vincent raced to an 8th place finish and a new personal and school record of 12:47.82, a long-awaited improvement.

Freshman Abby Jahn and sophomore Jordan Kelch both raced the 1500m and 800m distances, swapping the lead from the first to the second. Jahn came through the 1500m in 4:57.38, while Kelch followed in 5:13.39. In the 800m race, Kelch lead with a time of 2:37.77, while Jahn trailed in 2:38.17, both of them fatigued from the previous race.

Junior Veronica Hannink competed in both the 100m Hurdles and 400m Hurdles, setting a personal best of 17.94 seconds in the 100m, and running well with a time of 1:12.87 in the 400m. In the 5K race, freshmen Courtney Rouse and Anne Crotteau both ran to personal records, in 18:08.05 and 19:42.63 respectively.

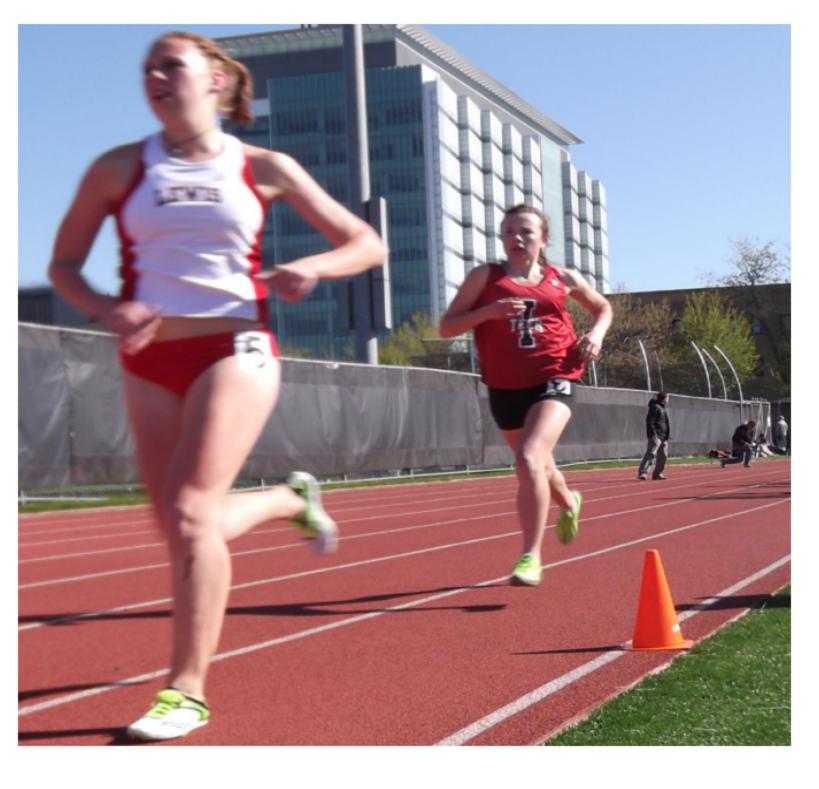
In the last event of the night, junior Kira Vincent ran the 10K race, finishing in 39:51.96, a huge personal best. Junior Zach Gates also ran the 10K on Friday night, running a personal and school record of 33:06.78.

On the field event side, senior Jacqui Roche attempted the pole vault again, but could not quite reach the minimum height in the cool weather. Senior Emily Kraemer threw Javelin, along with junior Alex Songer, but both were just shy of the minimum distance to count.

The next race for the Hawks is the Eagle Invitational on Saturday, April 14 at Benedictine University. Both men and women will be competing.













Baseball defeats Calumet, adds 2 wins to season record

By Melanie Koto SPORTS EDITOR

What started off as a slow baseball game turned into a huge win for the Scarlet Hawks in their game against Calumet College of St. Joseph. The Hawks traveled to Whiting, IN last week for a double header, winning both games against Calumet (12-2 and 5-4).

The game started off well defensively for the Hawks with senior Luis Montoya giving up only 2 pitches the entire game, with no hits in the first two innings. The Hawks advanced the action in the third when senior Nick Wise walked and advanced to second on a passed ball. Senior Brian Glennon also walked, and freshman Ryan Fitzpatrick singled, filling the bases for sophomore Jordan Obata's at bat. Obata reached on a fielder's choice and Wise scored the first run of the game. Calumet answered with a run of their own, and the game

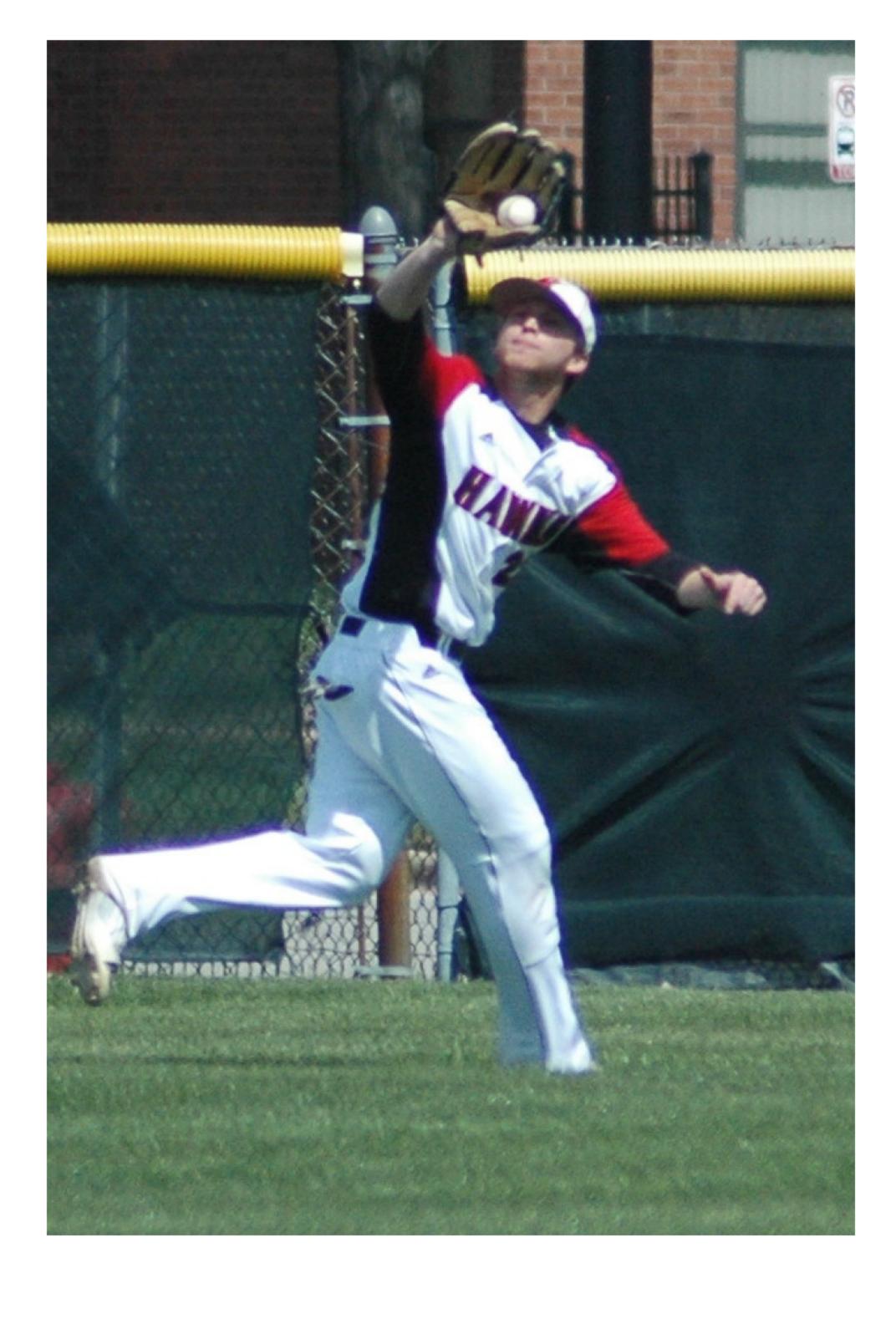
stalled at a tie until the 5th when the Hawks advanced to a 9-1 lead. Fitzpatrick and Obata both walked, and successively stole second. Fitzpatrick stole third and scored on a catcher error. Obata then advanced to third on a wild pitch. Senior Reid Matsumoto doubled, bringing Obata in for the Hawk's 2nd run of the inning, followed by a single by junior Jon Celestino. Celestino advanced to second on an error and Matsumoto scored. Freshman Corey Gokan singled, also advanced to second on an error, and Celestino scored the 4th run of the inning for the Hawks. Freshman Bill Cronin singled and junior Kevin Glennon reached on a fielder's choice with Wise singling advancing Glennon to second and Cronin to third. Brian Glennon then flied out to center field, but brought Cronin in for the Hawks 5th run. Fitzpatrick then helped the Hawks pump up the score board with a home run, bringing in Wise, Kevin Glennon and himself for 3 more runs for the Hawks. Calumet went an inning with

no hits and the Hawks added to their lead in the 6th, bringing the score to 12-1. Matsumoto walked, and freshman Malik Alim pinch ran. Celestino singled, and then Gokan reached on a fielder's choice. Kevin Glennon reached on an error and Alim scored, then Wise singled bringing in Gokan for a 2nd run. Wise advanced to second on an error, and Glennon scored the Hawks last run of the game. Calumet answered with one last run, bringing the final score to 12-2 for a big Hawk win.

The second game fared just as well for the Hawks, despite an early scoring start for Calumet. Junior Jack Kosar gave up only 5 hits throughout the game, 3 of which were in the 1st. With Calumet leading by 3 going into the 2nd inning, Gokan started things off with a double to right field. Cronin singled and advanced to second on a pitcher error and Gokan scored to put the Hawks on the board. Kosar kept Calumet from scoring in the 2nd and the Hawks closed the gap in the 3rd with another

run. Obata walked then stole second, advancing to third on an out by Matsumoto. Gokan singled, brining Obata in for another run. Calumet advanced their lead to 4-2 in the 3rd, but the Hawks tied things up in the 4th. Wise walked and stole second, and Brian Glennon reached on an error then stole second as well. Matsumoto reached on an error, advanced to second and brought Glennon and Wise in for the two runs. The Hawks' additional runs went unanswered by Calumet, and the Hawks brought out the win I the 6th. Fitzpatrick singled and stole second, then Obata walked, stole second, and Fitzpatrick stole third. Fitzpatrick then scored on a single by Matsumoto to give the Hawks the 5-4 lead and the winning score.

This past weekend the Hawks were unfortunately swept by Trinity International, bringing their CCAC record to 4-13, and their overall 5-21. The Hawks will play again tomorrow against Trinity Christian with a double header starting at 1 p.m. so come







Photos by Melanie Koto

Zumba Classes zoom to Keating

By Jennifer Agosto

STAFF WRITER

Zumba classes have resumed at Keating Sports and will continue through May 1. Classes will be held Tuesdays from 5 p.m. to 6 p.m. in one of the south racquetball courts. I was fortunate enough to participate in last week's class and have only good things to say thus far. The class was gratifying, fast paced, and geared to push you to your limits. I would recommend it to anyone especially if you have been interested in working out but are looking for it to be a fun experience; this is just the class for you. I spoke with Jacqui Gatt, IIT's head volleyball coach, and she shared her thoughts on the class. "I've taken other Zumba classes before and just like those, this class was energetic and enjoyable. The instructor played great music and made it easy to follow along. I look forward to every Tuesday night!" And I think all of the other 20+ attendees to last week's class would agree.

As for Keating's other classes, Salsa will be on Mondays from 7 p.m. to 8:30 p.m. in the MTCC Ballroom and will continue through April 30. Vigorious Vinyasa, a form of yoga, will be held Wednesdays from 6:30 p.m. to 7:30 p.m. and continue through April 18.

Be sure to check out the Intramurals and Recreation Facebook page www.facebook.com/iitintramuralsandrec and Keating Sports Center's athletic site at www.illinoistechathletics.com.



Photo by Jennifer Agosto

Athlete Spotlight: Nick Wise



Name: Nick Wise

• **Year:** Senior

Major: Architecture

• Sport: Baseball

Position: Centerfield / Pitcher

Favorite thing about your sport: No matter how long you have played baseball, you see something new each time you come to • the field

Pre-game ritual: Visualize different plays I will make throughout the game / Take swings and watch opposing pitcher

Favorite thing you've done on Campus since you came to IIT: Flag football (even though it only lasted one year)

Best tip for anyone who wants to be great at your sport: In the off-season, repetitions in the batting cage and on the mound. When it's game time, just be mentally ready. And when your having a tough day at the plate or in the field, just remember • that baseball is the greatest sport!

BORED? NOT ANYMORE.

UNIVERSITY SOCIAL CALENDAR

TUESDAY, APRIL 10 12:45-1:45pm @ MTCC BALLROOM

President & Provost Open Forum

Hosted by SGA. There will be plenty of free food for lunch!

WEDNESDAY, APRIL 11

12:40-1:40pm @ SIEGEL HALL (208)

IIT Ethics Bowl Team Meeting

They are planning for the Fall 2012 semester and looking for interested students!

THURSDAY, APRIL 12

12:50-1:40pm @ E1 AUDITORIUM

SHPE General Body Meeting (Elections)

THURSDAY, APRIL 12

9-10:30pm @ HUB AUDITORIUM

New Velocity: Out of the Movies Dance Show

FRIDAY, APRIL 13

9pm @ BOG

Battle of the DJs Remix

If you're a DJ and want to participate, visit: http://tlnyurl.com/battleofdJ

FRIDAY, APRIL 13

ONGOING UNTIL SATURDAY

IIT Preview Weekend

Welcome new and prospective students to campus!

SATURDAY, APRIL 14

8:30am @ 31st STREET HARBOR

Hawks Taking The lakefront 5k RUN/WALK

Hosted by IIT Greek Council and EWB, \$10 for students includes shirt! Questions? E-mail service@litgreek.com

SATURDAY, APRIL 14

9am @ IIT TOWER AUDITORIUM

TEDxIIT: Gaining Momentum

SATURDAY, APRIL 14

9:30am-5:30pm @ IIT QUAD

Plant Bed Building Event

Hosted by Engineers for a Sustainable World (ESW)

SATURDAY, APRIL 14

11am-3pm @ PKS (SKULL) HOUSE

IPRO 372 Spaghetti Lunch

Come enjoy all the delicious spaghetti you can eat for just \$5

SATURDAY, APRIL 14

7pm-12am @ MILLENNIUM PARK ROOFTOP TERRACE

IIT Spring Formal 2012: Until The World Ends

Tickets are \$20 for IIT students and \$30 for non-IIT students. 2 tickets maximum per IIT ID. To purchase a ticket, visit www.tlnyurl.com/SpringFormal12 before Thursday, April 12!!

