

## Friends remember graduate student

*Students reflect on the life of third-year Ph.D. candidate Akash Sharma*

By **MARISA IATI**  
Assistant Managing Editor

When graduate student Sneha Poliseti remembers fellow graduate student Akash Sharma, she said she thinks of laughter.

"Every memory I have of him is either him laughing or making other people laugh," Poliseti said. "That was Akash all the time. He was never sad or angry."

Sharma, a third-year Ph.D. student in the chemical and biomolecular engineering program, died Jan. 1. The

University did not comment on the cause of Sharma's death, but friends said he died of health-related causes.

Sharma was a native of Delhi, India. He served as co-president of the Indian Association of Notre Dame during the 2012-2013 academic year and was a teaching assistant for several classes. Sharma was also a member of the Notre Dame Men's Boxing Club.

Poliseti, who is a third-year student in the chemical and biomolecular engineering graduate program, said she and Sharma are both from

India and lived in the Fischer Graduate Residences.

"I can't even think of one person who he did not get along with or he had a problem with," Poliseti said. "He got along with everybody, and anyone you talked to, they'd have a good word to say about him."

Sharma was "extremely giving," Poliseti said.

"He was very willing to help, but I don't even think he did it consciously. That's just the way he was," Poliseti said. "He would not even think twice about doing something for somebody else, going out of his

way. He would be happy to do it."

Nick McNamara, who is also a third-year graduate student in Sharma's program, said he met

**Akash Sharma**  
former Ph.D. candidate



Sharma in their math class.

"He started telling a few of us this story about a problem he was having back in India with a

monkey and a dog," McNamara said. "He was surprised at how much the American students loved hearing about monkeys, because they are so common in India. He told us a bunch of other hilarious stories about monkey antics."

Sharma constantly was smiling, McNamara said.

"He always had a huge, goofy grin on his face," McNamara said. "He was always telling jokes and trying to make people laugh. And he was never mean or rude about it. He was just a

see SHARMA **PAGE 5**

## Basilica prepares to reopen

By **JACK ROONEY**  
News Writer

The Basilica of the Sacred Heart will reopen for the 5:00 p.m. vigil Mass on Saturday following its most significant renovations since the 1989 and 1990 restoration projects.

The Basilica closed Dec. 26, 2013, after Christmas Masses, and workers began the process of removing the carpet and replacing it with a new tile floor, according to a University press release.

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Photo courtesy of Fr. Peter Rocca

*Workers install new tile flooring in the Basilica of the Sacred Heart. The Basilica will reopen for the vigil Mass on Saturday.*

## Grants support student research

By **EMILY McCONVILLE**  
News Writer

After taking a class on French philosophy, sophomore Sheridan Rosner pursued her interest in the work of Albert Camus, an Algerian-French existentialist fiction writer, through a Nanovic Institute grant that sent her to see materials on Camus in Aix-en-Provence, France.

Rosner said she received a winter break research grant from the Nanovic Institute for European Studies to travel to

Aix-en-Provence in early January and study manuscripts and displays in an exhibition there.

"Most of [Camus'] stuff is published, but I wanted to look at the originals," Rosner said. "There was a lot of stuff that was published but you would never be able to find here — like random articles, random journals, Algerian journals that you would never find here that were on display."

The Nanovic Institute provided \$36,530 to 16 students to conduct

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## Bagpipe band continues musical tradition

By **EMMA BORNE**  
News Writer

The Notre Dame Bagpipe Band has shared their musical talent with football fans and the Notre Dame community since the 1950s, first as a part of the Irish Guard and now on their own.

According to the band's website, the Irish Guard realized how detrimental the cold was to the bagpipes. The Guard continued without them, and the band slowly dismantled until former Notre Dame

student and piper Paul Harren revamped it in 1991.

Danny Suma, sophomore bagpiper, said most students are not familiar with the band's history.

"Something most students don't know about the bagpipe band is that when we re-emerged after splitting with the Irish Guard, we did not have the rights to the ND [kilts], so the pipers would wrap bed sheets and blankets around their waists to make

see BAGPIPE **PAGE 5**



Photo courtesy of James Elliott

*Members of the Notre Dame Bagpipe Band stand in the north endzone of Notre Dame Stadium prior to the game against Michigan State on Sept. 21, 2013. The band often performs at events before home football games.*

women's  
entrepreneurship

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# THE OBSERVER

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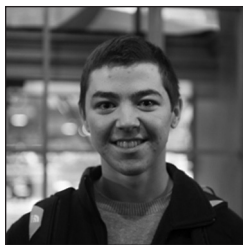
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# QUESTION OF THE DAY:

Would you volunteer for a one-way trip to Mars?

*Have a question you want answered?*

*Email [obsphoto@gmail.com](mailto:obsphoto@gmail.com)*



### Casey Hanley

sophomore  
Dillon Hall

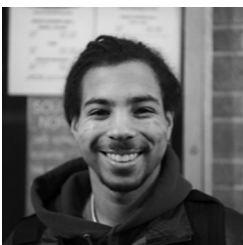
“Definitely not. Earth has better food.”



### Jackson Jhin

freshman  
Carroll Hall

“Yeah! I’m an explorer.”



### Quinlan McWilliams

freshman  
Keough Hall

“Nope. The ride back is mandatory.”



### Emily Gasta

sophomore  
Cavanaugh Hall

“No, I’m scared of space. It’s death.”



### Margaret Quinn

freshman  
Lewis Hall

“No! I could never see my family again.”



### Stephanie Burton

freshman  
Lewis Hall

“Oh my God, No!”



Zach Llorens | The Observer

*Snow lingers on the field at Notre Dame Stadium after Notre Dame's matchup against Brigham Young on Nov. 23, 2013. The cold weather foreshadows the snowy winter to come during the spring semester.*

# THE NEXT FIVE DAYS:

*Want your event included here?*

*Email [obsnews.nd@gmail.com](mailto:obsnews.nd@gmail.com)*

## Friday

### Blood Drive

Hesburgh Library  
9 a.m.-4 p.m.  
Give blood to support the Relay for Life.

### Hockey Game

Compton Family Ice Arena  
7:35 p.m.-9:35 p.m.  
The Irish take on Lake Superior State.

## Saturday

### Vigil Mass

Basilica of the Sacred Heart  
5 p.m.-6 p.m.  
Worship service.

### Film: All is Lost

DeBartolo Performing Arts Center  
3 p.m., 6:30 p.m., 9:30 p.m.  
2013 film about solo voyage in Indian Ocean.

## Sunday

### Mass in Spanish

Basilica of the Sacred Heart  
1:30 p.m.-2:30 p.m.  
Dillon Hall.

### Zen Meditation

Coleman-Morse Center  
6:30 p.m.-7:30 p.m.  
Meditation practice in room 102.

## Monday

### Basilica Mass

Basilica of the Sacred Heart  
11:30 a.m.-12:30 p.m.  
Honors Basil Moreau.

### SSLP Information Session

Geddes Hall  
5:30 p.m.-6:30 p.m.  
Information about summer service.

## Tuesday

### TEDxUND

DeBartolo Performing Arts Center  
8:30 a.m.-5 p.m.  
Educational TED talks.

### Lector Training

Basilica of the Sacred Heart  
7 p.m.-8 p.m.  
Training session for mass lectors.



# SPARK empowers female entrepreneurs

By ALEX WINEGAR  
News Writer

Bridgette VanSchoyck-Clark, director of the Saint Mary's Belles for Fitness program, opened Beyond Zen, a new yoga, pilates and massage studio, Jan. 2 in Granger, Ind.

VanSchoyck-Clark participated in SPARK, an 11-week program sponsored by Saint Mary's Women's Entrepreneurship Initiative (WEI) that helps South Bend women gain business skills to succeed.

"[SPARK is] an incredible support system," VanSchoyck-Clark said. "It's not just business. This program makes you go deep inside yourself, helps you to conquer your fears and fix personal problems that might be holding you back."

VanSchoyck-Clark began envisioning opening her own studio in April 2012, she said. She said she had been working on business plans for 10 months when she discovered SPARK.

"My college degree is Movement in Sports Science so I have not had one business course," VanSchoyck-Clark said. "This course is only 11 weeks long — four hours per session, twice a week — but it covers everything you need to write a business plan, how to fix your credit, acquire investors, get loans and then what to do after you open, making a budget, taxes and more."

SPARK instructors teach the participants that they are not alone in this process of opening a business, VanSchoyck-Clark said. She said WEI director Martha

Smith and her staff have built a support system and camaraderie among participants

***"[SPARK is] an incredible support system. It's not just business. This program makes you go deep inside yourself, helps you to conquer your fears and fix personal problems that might be holding you back."***

Bridgette VanSchoyck-Clark  
SPARK participant

and presenters.

"Opening a business is scary stuff," VanSchoyck-Clark

said. "Can I afford it? What if I put all of my savings in this and it fails? Is this a good idea? I don't have one business class under my belt. Who am I kidding? I can't open a business."

"SPARK has given me the knowledge and the confidence to put my dream in action."

VanSchoyck-Clark said she was touched by the amount of people in the South Bend community who take time to support the women of SPARK. She said she recommends the program to local women because of the support system.

"[Smith] changes lives," VanSchoyck-Clark said. "And it doesn't stop at graduation. She continues to help me, encourage me and give me support."

"You have to take a good

look at you, yourself, and figure out what negative patterns you have that might be keeping you from going after your dreams or succeeding," she said.

VanSchoyck-Clark said her staff at Beyond Zen is composed of caring and considerate people. They are educated and experienced at what they do and take Saint Mary's values into consideration, she said.

"We help our clients to feel better," VanSchoyck-Clark said. "Increasing your strength or flexibility, helping you to quiet your mind and focus, de-stress, improve your posture and immunity ... all through Pilates, yoga and massage."

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# SMC soccer captain earns academic honor

By EMILIE KEFALAS  
News Writer

The National Soccer Coaches Association of America (NSCAA) recognized Saint Mary's senior soccer captain Mollie Valencia with an honorable mention on the NSCAA College Division Women's Scholar All-North/Central Region list.

Valencia was one of five student-athletes in the Mid-America Intercollegiate Athletics Association (MIAA) to gain recognition and one of 40 midfielders to win an Honorable Mention, according to a College press release.

"I worked hard, and it was more of an academic award than an athletic award,"

Valencia said.

Valencia, who is studying accounting, said she reacted to the honor with disbelief.

"I was little bit surprised, just because there was so many people [in consideration]," she said. "My coach didn't tell me he nominated me until later on."

Potential honorees must be nominated by an institution that is a current NSCAA College Services member. They also must be juniors or above in academic standing at their colleges or universities, Valencia said. She said they must also have started more than 50 percent of all games while contributing significantly to the team.

"On the field I am a central

midfielder, which means that I am involved in almost every play," Valencia said. "Being the captain, I feel it is my responsibility to the lead the team, so I try to be a role model through my work ethic both on and off the field."

"I am not a loud or boisterous leader. I like to say that I lead by example."

Valencia said she developed her leadership skills through her four years playing soccer for the Belles.

"My experience on the team has led me to be more assertive, which is an important quality of a leader," she said. "I realize that setting a good example is imperative to my role as a leader on the team."

Saint Mary's soccer coach Michael Joyce nominated Valencia based on NSCAA standards that require candidates to maintain at least a 3.3 cumulative grade-point average on a 4.0 scale throughout his or her athletic career, Valencia said.

While rewards extend beyond the field, Valencia said she acknowledges the amount of hard work and dedication she and her fellow teammates must commit to the sport they have loved and played since their youth.

"It's really time-consuming," Valencia said. "During the fall, it's really hard to keep up academics, keep up your athletics and still have a social life because we are Division III, and none of us are on scholarships."

"We're all just doing this because we love the game. I think that's very different than Division I or Division II, which they're basically getting paid to play soccer, but we basically put in the same amount of time as them."

***"I feel I've just been given responsibilities that have put me in the position to develop my leadership skills. I have learned so many life lessons that I think will apply to life after college in the workforce."***

Mollie Valencia  
captain  
Saint Mary's soccer team

Valencia said she credits her success to Joyce, who began his coaching career at Saint Mary's the same season Valencia first became a Belle.

"This is his fourth year here," she said. "I like him as a coach. He's a little bit quieter, but he knows what he's talking about, and he's always open to telling his players how they can improve."

Valencia said Joyce's encouragement had a particularly positive impact on his team this season.

"I feel like the past season

was the best season for me, because I felt like we were really a team," Valencia said. "Not just on the field. Off the field we would do a lot of team stuff together, and I've seen that in past seasons, but I think this season more than ever."

Though Valencia said recognition by the NSCAA is a wonderful tribute to her achievements in academics and athletics, she believes the greatest reward from her four years as a student athlete is her experience as a team leader.

"I think anytime you're the captain of a 27-person team, your leadership skills are going to develop," she said. "I feel I've just been given responsibilities that have put me in the position to develop my leadership skills."

"I have learned so many life lessons that I think will apply to life after college in the workforce. I have developed very good time management skills as a result of being a student athlete."

Valencia said her team won only three games during her freshman year but now competes and often wins against some of the top teams in its conference.

"I have watched the soccer program grow and I am proud to say I have played a small role in that growth," she said. "I am proud to say that I am a soccer Belle."

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# Saint Mary's alumna discusses civil disobedience

By KATE KULWICKI  
News Writer

Rosalie Riegle, oral historian and Saint Mary's alumna, visited her alma mater Thursday to speak about her life's work dedicated to nonviolent civil disobedience.

"In 2004, I found myself contemplating, for the first time, doing serious civil disobedience, to show my outrage, my sadness and my emotional involvement in resisting our government policies," Riegle said.

Riegle read excerpts from her two books "Crossing the Line: Nonviolent Resisters Speak Out for Peace" and "Doing Time for Peace: Resistance, Family, and Community." The Justice Education Program, the Center for Spirituality, the Cushwa-Leighton Library of Saint Mary's College and the Catholic Peace Fellowship of South Bend co-sponsored the event.

Riegle described her choice to participate in civil disobedience, an experience that could have sent her to jail for six months.

"At an Air Force base outside of Omaha, I was with a group of Catholic workers where I was trying to decide, should I do this? Should I nonviolently cross the line?" Riegle said. "This action was a very simple, very prayerful action."

"I think there were eight of us that, with a lot of supporters standing around, walked into the base and asked to see the base commander to give him a letter asking him to no longer be the command center that sends out all of the missiles," she said. "We knelt down, said the 'Our Father.' They asked us to leave; we said the 'Our Father' again, and they arrested us. It took about 10 minutes."

Riegle met Dorothy Day, the co-founder of the Catholic Worker Movement in 1969. She said she later decided that she wanted to become an oral historian with the purpose of learning about the Catholic Worker.

"I wrote my way into the movement," Riegle said. "I interviewed 213 people from all over the country so I learned a lot about individual Catholic workers and how they lived the Catholic Worker life."

Riegle said she wanted to help people understand the process of participating in nonviolent civil disobedience and the experience of being jailed or imprisoned.

"We have learned a lot from these Vietnam times, and when people are deciding to go to prison they spend some time in preparation," Riegle said. "They talk to other people, read the books, know what it's like and prepare themselves spiritually."

One of the Catholic Worker philosophies is if one wants to walk with the poor and minister and listen to them, one should be a prisoner his or herself, Riegle said.

Riegle said the purpose of her books is not to treat nonviolent civil disobedience as an enterprise for success but as a practice that gives one the ability to work for something because it is good.

"It's the certainty that something makes sense regardless of the outcome," she said.

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## Research

CONTINUED FROM PAGE 1

one-week research projects over the break in areas ranging from literature to philosophy to architecture, according to associate director Dr. Anthony Monta.

Courtney Rae Haddick, a senior studying architecture, said she received around \$2,500 to travel to Switzerland to study the architecture of towns in the Alps. A native of Salt Lake City in the Rocky Mountains, Haddick said she wanted to understand how Swiss towns were able to develop while respecting the mountain landscape around them.

"The places that going into it I expected to study a lot were the big cities like Interlaken and Lugano, but they've been overdeveloped almost as much as these places in the U.S.," Haddick said. "Not that I wasn't expecting it, but I didn't realize

I would actually learn more from the tiny towns that I went past on a train from Lugano to Interlaken.

"As far as where would be ideal to site a residential development or something like that, the examples might not be to look at these cities that every tourist that wants to go to Switzerland knows about, but actually it might be these small towns."

Monta said the Nanovic Institute offers grants every break, and students who receive those grants generally work with faculty members to craft their proposals and research methodologies.

"We find, break after break after break, that the students who work closely with a professor on their research project have more focused, more fully developed, more concrete proposals, and those typically are funded," Monta said.

Dr. Julia Douthwaite, a professor of French who has

worked with many students on European and French research, said meeting with faculty in the weeks before the application deadline is crucial to developing a plan that is specific and detailed enough for the students to execute well.

"It takes a little bit of time to come from a big idea, like, 'I'm interested in Hugo,'" Douthwaite said. "You need to work on the influence of Hugo's frustration with the Catholic church in 1829 as seen in 'Les Misérables' and then look at pamphlets published in 1829 in a church in France and see how that might be echoed in the character of Quasimodo or something like that."

"The way I help them is basically paring away by saying, tighter, tighter, make it more focused so it's something you can accomplish in one week."

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## Basilica

CONTINUED FROM PAGE 1

Fr. Peter Rocca, the rector of the Basilica, said these renovations constitute the first phase of a plan to install a new pipe organ sometime in 2015. He said all of the carpeting has been or is in the process of being removed, including inside the nave, along either side of the sanctuary area to the Lady Chapel and the side chapels.

"If you talk to any organ builder worth his salt, they will tell you they will never build an organ for a space that's carpeted," Rocca said.

***"If you talk to any organ builder worth his salt, they will tell you they will never build an organ for a space that's carpeted."***

Fr. Peter Rocca  
rector

Basilica of the Sacred Heart

Rocca said the person hired by the University to build the organ stated the carpet needed to be removed because the organ's sound would not resonate well.

"When you carpet a space,

oftentimes the only person you can hear singing is yourself," Rocca said. "All of the most recent chapels we have built on campus, none of them have been carpeted because [a non-carpeted floor] lends itself to a more vibrant sound and better singing."

Rocca said the new tile floor would greatly improve the sound quality of the choirs and instruments in the Basilica.

"It won't eat up the sound; it will reflect the sound," Rocca said. "It will help with the vibrancy and the resonance and the reverberation."

Rocca said the Basilica was not carpeted until after the Second Vatican Council, when it was common practice.

"In the renovations following the Second Vatican Council, they carpeted the Basilica to give it more of a warm, cozy feel," Rocca said. "As a result of that, it affected the acoustics."

University Sacristan John Zack said these renovations occurred in 1969 and 1970 and the Basilica did not see any significant work again until its restoration in 1989 and 1990.

"Part of the reason for this restoration [in 1989 and 1990] was that the Basilica had not really undergone any restoration or any cleaning like this for decades, and it was really pretty filthy,



Photo courtesy of Fr. Peter Rocca

***A crew of workers lay tile on the floor of the Basilica of the Sacred Heart. The new tile floor will help produce a more vibrant sound for the choirs and the new pipe organ, which will be installed next year.***

especially in the upper parts of the Basilica," Rocca said. "There were some murals up there we didn't know existed because they were so covered with dirt, soot and smoke from incense."

Rocca said the 1989 and 1990 restorations included new pews, restored stain glass windows and a new slate roof, among other improvements.

"That's when they decided to keep the carpeting, but

they added all new lighting, redid all the frescoes in the Basilica and air-conditioned the Basilica," Rocca said.

Rocca said the most recent renovations to the Basilica occurred in 2000 when marble was installed in sanctuary and at the base of the baptismal font. He said the current renovations will leave the marble in place in these two areas of the Basilica.

Rocca said the sound

system in the Basilica could accommodate the new tile floor and therefore the floor would not detrimentally affect musical or spoken sound.

"We have a sound system in the Basilica that can easily be adjusted to this, so that it's not something that makes hearing more difficult," he said.

**Contact Jack Rooney at  
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## Bagpipe

CONTINUED FROM PAGE 1

kilts," Suma said.

The band gained access to kilts in 2001, according to its website. Suma said the group became very involved in campus life, especially on football game days.

"The band performs during

home games outside or inside of the dome, depending on the weather, and then does the player march from the library," said Suma. "We also play small gigs and tailgates throughout the day."

Suma said he most enjoys spending time with his fellow pipers.

"They're all super outgoing

and a fun group of individuals," Suma said. "It definitely makes standing outside in a kilt in cold weather much easier."

Senior piper Colin Patience has 7 years of playing under his belt and serves as the band's pipe major.

"A pipe major is a captain of a bagpipe band that teaches

new pipers, leads the band in performances and manages gigs and schedules," Patience said.

"I joined the band day one of freshman year back in 2009," Patience said.

"I was looking into the band before I even got accepted to Notre Dame. My favorite part of the band is performing on

home football game days."

Though their main events took place during football season, Patience said that students and faculty could look for the band next in Chicago, where the pipers will perform in the St. Patrick's Day parade.

**Contact Emma Borne at  
eborne@nd.edu**

## Sharma

CONTINUED FROM PAGE 1

genuinely nice and friendly person."

Grief counseling is available to students through the University Counseling Center, Campus Ministry, and International Student and

Scholar Affairs (ISSA).

Rosemary Max, director of ISSA, said her office is planning a memorial Mass for Sharma in the Basilica of the Sacred Heart. Details are forthcoming.

**Contact Marisa Iati at  
miati@nd.edu**

# California motorist cleared in Google Glass case

Associated Press

SAN DIEGO — A San Diego traffic court threw out a citation Thursday against a woman believed to be the first motorist in the country ticketed for driving while wearing a Google Glass computer-eyeglass device.

Commissioner John Blair ruled that Cecilia Abadie was not guilty because she had been cited under a code that requires proof beyond a reasonable doubt that the device was

in operation, which the officer did not provide.

However, Blair did find that the language of the code specifically bars the operation of a video or TV screen or similar device on the front of a vehicle while it is moving — a provision that Blair said could be broad enough to apply to Google Glass.

The device in a kind of glass-wear frame features a thumbnail-size transparent display above the right eye.

Abadie said she

was happy she won her case but hoped the court would have ruled that Google Glass is legal to wear while driving whether activated or not.

"I believe it's an initial success but we have a long way to go," said Abadie, wearing the device outside the courthouse after the ruling.

Legal experts say the lower court ruling does not set a legal precedent but marks the beginning of a number of cases they expect courts to confront as lawmakers

struggle to keep pace with fast-evolving technology.

"The fun is just starting," said Vivek Wadhwa, a fellow at Stanford Law School.

From driverless cars to wearable devices that can enhance human functions, Wadhwa said, there are a host of legal questions to be answered. For example, when a Google-operated car is on the road and hits someone, who is responsible — the passenger, car manufacturer or software developer?

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## INSIDE COLUMN

## My first last semester



**Matthew DeFranks**  
Assistant Managing Editor

Today marks the end of the last syllabus week of my college career.

I am done with the days of showing up to class 10 minutes early to pick a good seat, but without a pen or paper because there was no way I was going to take notes. Never have I ever been so prepared to do nothing.

On Sunday, I took my last flight back up to Notre Dame to start a new semester.

I am done with swapping the 70 degrees and palm trees of South Florida for the 20 degrees and bare trees of South Bend. Never have I ever been so unprepared to do nothing.

But this is my last time looking at the last times.

I am done with nostalgically reflecting on the last three-and-a-half years as if I was already writing an obituary for my time at Notre Dame.

It's time to focus on the firsts of this semester.

This was my first time coming back to Indiana and having to worry about my car possibly being buried in snow. It was my first time thinking about how I would get my car out of the snow. (For the record, it would resemble a combination of third-graders playing kickball and dogs digging a hole.) And it was my first time doing a celebratory fist-pump when I rolled out of the D6 lot without an issue.

This was my first time going to the bars on Sunday and Monday nights. It was my first time catching up about winter break over a couple beers. And it was my first time playing trivia in South Bend. (Who knew the Gulf of Guinea was off the coast of Africa?)

This was my first time running indoors, mostly because I never had to. It was my first time trying to turn on a treadmill. It was my first time failing at turning on a treadmill. And it was my first time walking out of the gym with snow on the ground.

The rest of the semester is sure to bring about more firsts.

It will have the first time I get published in 2014 (which is this time) and the first time I cover a high school basketball game. It will have the first time I run a half marathon and the first time I collapse after finishing one. It will have the first time I get a real job (hopefully) and the first time I celebrate getting one.

So what if this is my last semester? It's simply my first last semester.

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The views expressed in the Inside Column are those of the author and not necessarily those of The Observer.

## Notre Dame's secular financial self

**Gary J. Caruso**  
Capitol Comments

It is painful to watch the University of Notre Dame re-file its lawsuit challenging the Obama administration's compromise exemption in the Affordable Care Act that creates a buffer for religiously affiliated hospitals, universities and social service groups that oppose the practice of birth control. For me, it is an interfamily squabble that should be avoided. My university is suing my government — both have been positive influences in developing my character and being. However, on this issue where the University contends that the law violates its freedom to practice religion without government interference, Notre Dame is in the wrong. Notre Dame attempts to limit the rendering of things that are Caesar's unto God's disciples.

First and foremost, Notre Dame chooses to insure its assets and personnel in a manner that uses a secular, financial bottom-line analysis, which has nothing to do with its Catholic mission. Notre Dame does not offer free medical service to those it employs, let alone to the general public or the downtrodden, homeless or defenseless within the surrounding community. It is not a medical wing of Catholic Charities — witness its bookstore prices for those of little faith. Rather, it enjoys many governmental advantages, as does any religious academic institution, through which it can freely practice and teach its religious dogma, prejudices, leanings or whims as an educational entity.

Secondly, Notre Dame — or any religious-affiliated institution ranging from Liberty University to Brigham Young University — cannot be granted carte blanche autonomy in the name of religious rights in order to trample an individual's rights simply because that individual chooses to cross the threshold of a campus perimeter. The ACA specifically grants the religious exemption by determining religious institutions as those that only employ members of its own faith, i.e., they are churches. It, for good reason, does not exempt religious-affiliated hospitals,

charities or universities that employs or provides services to others outside that specific institution's affiliated faith.

President Obama, in an effort to accommodate and remove religiously-affiliated organizations like Notre Dame from directly paying for contraceptives, thereby preserving their convictions, approved a buffer mechanism by modifying the mandate. Now insurers or the health plan's outside administrator will pay for the birth control coverage for students and employees — theoretically of other faiths — while establishing a way to reimburse the insurer or administrator. Unfortunately, Notre Dame's problem is that its secular financial decision to insure its own assets and personnel keeps it squarely in the buffer zone. Therefore, Notre Dame prefers to maintain its strictly secularly focused bottom-line current-cost financial models and arrangements in favor of a lawsuit.

Notre Dame has chosen the National Rifle Association's tactic of mounting opposition to any and all regulatory changes under the guise of constitutional protections. Frankly, the University's odds at winning in the U.S. Supreme Court are good given the stodgily recalcitrant conservative types like Antonin Scalia who must decide if — in his normal view on how to rule on a case — he conjures a way to rationalize how the founding fathers would have even dared imagine the concept of contraceptives when they drafted our constitution. His 18th century mind may yet produce another 21st century debacle.

It is, however, heartening to see that three Notre Dame women who are students directly affected by this ruling were recently allowed to join the lawsuit with the government against the University in the 7th U.S. Circuit Court of Appeals. If I could, I would ask to be the fourth, and I would allow my name to be attached despite fearing retaliation on campus. But for now, we can but offer best wishes for our three "Jane Does" as the case proceeds.

Notre Dame remains an American "rigorist," as Pope Francis called such recalcitrance. The University, in an

attempt to be known as "the" Catholic American educational institution, becomes embroiled in what the pope described as "in small things, small-minded rules ... the rigorist washes his hands so that he leaves it to the commandments." [Pope Francis' Aug. 19, 2013 interview with "America Magazine" discussing the Catholic focus of faith]. In many ways the University's actions are emblematic of past failures within the Catholic Church like clinging onto man-made dogma about contraception while millions become infected with HIV in Africa.

University President Rev. John I. Jenkins, C.S.C., claims, "We do not seek to impose our religious beliefs on others; we simply ask that the government not impose its values on the university when those values conflict with our religious teachings." University spokesman Paul Browne said, "If government is allowed to entangle a religious institution in one area contrary to conscience, it's given license to do so in others."

Yet, as both men insist that the suit is not about contraception, it really is about money and medical wellness that just happens to include contraception. A 2011 Guttmacher Institute study found that 58 percent of contraceptive pill users — including one of my Catholic nieces who was prescribed the pill while in middle school — take the medication for purposes other than pregnancy prevention. The slippery slope this suit creates will benefit religious snake charmers and bloodletting advocates, believers of natural healing without medication and others who behave more cult-like than bona fide longstanding churchgoers. We see on what side Notre Dame has placed its money.

*Gary J. Caruso, Notre Dame '73, serves in the Department of Homeland Security and was a legislative and public affairs director at the U.S. House of Representatives and in President Clinton's administration. His column appears every other Friday. Contact him at [GaryJCaruso@alumni.nd.edu](mailto:GaryJCaruso@alumni.nd.edu)*

*The views expressed in this column are those of the author and not necessarily those of The Observer.*

## LETTER TO THE EDITOR

## Answers on lawsuit funding

On Dec. 3, 2013, The Observer printed my Letter to the Editor, "Funding Sources for Reported Lawsuits." I questioned whether the University would be using funds from students and other sources in its reported repeat litigation against the federal government over objections to certain requirements in the Affordable Care Act.

I heard from a University spokesman almost immediately about the fees part of the University's most recent lawsuit. I was advised that the University's fees will be handled pro bono by the law firm representing the

University.

However, the University spokesman truthfully did not know who is responsible for the costs of the University's litigation. All lawsuits involve costs, I explained. For example, filing fees, court reporter fees, service of process fees and invoices all represent costs of litigation.

Time will tell.

My thanks to The Observer for printing my original Letter to the Editor in December, and to the University Spokesman for advising me so promptly of the answer to my questions

concerning the University's litigation fees, as well as candidly advising me that he simply did not know the answer to my question of who is funding the costs of the lawsuit being conducted in the name of the University of Notre Dame.

Sincerely,  
Dennis J. Wall, Esquire

**Dennis Wall**  
alumnus  
Class of 1973  
Jan. 17



# The colder side of global warming

Christian Nofziger

Ask the GreenMan

Fellow Tree Huggers,

Let me begin by welcoming you all back to campus! Things got pretty crazy for the students who stayed in the Midwest this winter, and I hope everyone had a safe and enjoyable break. For those of you who live either under a rock or spend all of your time on the balmy beaches of Malibu and away from the TV, I'll fill you in. Earlier this month, many cities in America's Midwest experienced a combination of strong snowstorms and blisteringly cold temperatures. Over 50 weather centers recorded historically low temperatures on Jan. 6 and 7. Temperatures in our nation's second city dipped well below zero, and Midwesterners rushed to the grocery stores to stock up on food like they were expecting the Second Coming. This weather system

managed to cancel the first day of class at many area universities and left some climate-change deniers even more firmly convinced that global warming is a myth.

How could our planet be warming if Chicago is experiencing negative 40-degree wind chills? Now there is a very long and boring scientific explanation for this paradox, and to be honest I don't completely understand it all. However, the gist of the problem is that as our planet warms, the jet stream slows down. The jet stream typically holds frigid arctic air at the poles, but as it slows, the stream is less able to trap this air. This means that systems of super-cold air can occasionally slip by and cause fun things like water pipes that spontaneously explode and hundreds of Midwestern kids throwing pots of boiling water in to the sub-zero air (check it out on Vine or Facebook).

The point is super-cold fronts will actually become more frequent as

the world warms. This counter-intuitive reality has broad reaching implications. The most recent "snowpocalypse" shut down virtually every business and school in the Midwest for two days, and complaining Midwesterners almost crashed Facebook and Twitter. It also revealed that the current storm-fighting infrastructure will not be adequate if what used to be a "100-year storm" is now a "10-year storm." If current warming trends continue, the Midwest will have to invest in more snow plows, more insulation for homes and above all else, lots and lots of salt. It also requires that we reevaluate the image of which communities are at risk for global warming-fueled disasters. Global warming will not just affect low-lying coastal communities, it will affect Chicago, New Jersey and everywhere in between.

The moral of this storm, and almost any weird weather for that matter, is that global warming is a real and

growing problem that impacts all weather patterns. In fact, current forecasts predict that a polar vortex will be visiting our area this week, so batten down the hatches! Stick with me this semester as I provide green advice and keep you up to date with trends in the sustainability world, and you can learn how to do your part to preserve this beautiful planet. Here's to a semester free of many more super-cold snaps, and to a more informed and green campus community.

*Email your predicaments to The GreenMan at askthegreenman@gmail.com and let him answer you with a sustainable twist. The GreenMan will be here every other week to provide you with insights you never knew you were missing out on until now.*

*The views expressed in this column are those of the author and not necessarily those of The Observer.*

UWIRE

## No, economics is not a science

Economists have faced a deluge of negative press in the past few years, ranging from criticisms over the failure to forecast the financial crisis, to the more recent disbelief over the granting of the Nobel Prize in Economics to three economists, two of whom hold views that can be said to be polar opposites. Indeed, the reputation of mainstream economics—specifically macroeconomics—is arguably at its worst since the formation of the field in the 1930s, with the advent of the Great Depression. This state of affairs prompted Raj Chetty, a professor of economics at Harvard, to author a defense of the field in 'The New York Times,' titled "Yes, Economics Is a Science."

It seems as though economics is fighting for its right to stay in the exclusive group of fields deemed worthy enough to be called "science," where subjects such as physics, chemistry, and molecular biology reside comfortably. Some instead opt to call economics, along with psychology and sociology, a "social science"—a vague term, often blurred with humanities, which is neither here nor there. Nevertheless, the underlying implication behind this battle is that to be a "science" is to be credible.

I don't agree.

First and foremost, I don't agree at all that economics is a science. Let me preface this by saying that I am

concentrating in economics, and have the utmost respect for the field. Let me also clarify that when I say "economics" throughout this article, I primarily mean macroeconomics—microeconomics is an entirely different beast. While the two are intrinsically related, the methods of experimentation are so drastically different that the two can hardly be subject to the same criticisms.

Merriam-Webster's definition of science is "a study of the natural world based on facts learned through experiments and observation." What physics and chemistry and molecular biology have in common is that the building blocks of what they observe and experiment with don't change. Such is the natural world. But what is the building block of economics? People. Economics does not study any unit smaller than a collection of people. And human behavior can never be absolutely predicted or explained—not if we wish to believe in free will, at any rate.

In fact, in a strict sense, economics does not even follow the scientific method. Engrained in the scientific method is the process of testing hypotheses with repeatable, falsifiable, and parameter-controlled experiments. Unfortunately for the field of economics, there are certain non-trivial barriers to experimentally tanking the Czechoslovakian

economy over and over while controlling for interest rate levels. Oftentimes, the best economists can do is sit back and pore through the data given to them—data that is muddled by changing cultural standards, changing technological innovations, and changing time periods, among other factors.

All of this is not to say that I disapprove of economics, or think it illegitimate in any way—quite the opposite, actually. I believe that economics is a crucial field that directly impacts most everyone on this planet, perhaps more so than any other subject. The discovery of the Higgs-Boson made headline news around the world and has been heralded as one of the greatest triumphs of mankind's collective intellect in history, but the Higgs-Boson has very little bearing, if any, on the daily lives of people. On the other hand, ill-timed economic austerity measures in Britain caused a very real, and very noticeable effect nearly immediately, setting the backdrop for the 2011 London riots.

This direct influence economics has on the individual lives of people stems from the fact that economics is, at its heart, a very person-centered and normative field of study. It is unique in the sense that economics fuses quantitative data and modeling with qualitative judgments; unlike in

physics or chemistry, economics appends an implied "therefore..." statement to its conclusions. Economists' findings that expanded insurance coverage increased lifespans and reduced costs lent implicit support to the Affordable Care Act—a law that will affect tens of millions of Americans.

Economics is not a science in the way that physics or chemistry is a science. Yet, this is not something to be lamented. Economics is not, and will never be, at the stage where models can precisely predict the day on which a financial crisis will start before it happens, but this is not due to the lack of legitimacy of the field; instead, it is due to the inherently unpredictable sphere of study in which economics operates. People are not atoms—and this is exactly why economics is immediately relevant.

What this means is that all of us—and the press in particular—should cease treating economics as though it were a science. We need to understand that economics is attempting to neatly model a very messy world. Do not expect clean answers.

*The Harvard Crimson is the independent daily student newspaper serving Harvard College.*

*The views expressed in this column are those of the author and not necessarily those of the Observer.*

Submit a Letter to the Editor | Email [obsviewpoint@gmail.com](mailto:obsviewpoint@gmail.com)





# OSCAR SNUBS

By **KEVIN NOONAN**  
Scene Editor

“Just happy to be here” is a pretty stereotypical quip from people trying to come off as humble in a generally grand and prosperous setting, people like championship-winning professional athletes, Nobel Peace Prize winners and, of course, celebrities. In other words, likely the least likely people to be humble on Earth.

With the Academy of Motion Picture Arts and Sciences release of their nominations on Thursday for this year’s Oscar awards, quite a few people in the movie industry reached up into their cupboards to dust off their best “It’s an honor just to be here with all these talented people” lines.

But as with any awards contest, there’s always a few people who instead are going to be testing out their “I don’t do it for the awards, I do it for the art, for the people” quotes for the next few weeks. This year’s Oscar nomination group features its own snubs and surprises, despite nominating an excessive nine films for Best Picture. So here’s a look at whose agent is currently on the phone reminding them “You know Kubrick never won the one, so who needs ‘em, am I right buddy? Please don’t fire me.”

## **Michael B. Jordan for Best Actor in “Fruitvale Station”**

Best Actor was one of the toughest categories this year, with five more than deserving men nominated for brilliant work in fantastic films Christian Bale for “American Hustle,” Bruce Dern for “Nebraska,” Leonardo DiCaprio for “The Wolf of Wall Street,” Chiwetel Ejiofor for “12 Years a Slave” and Matthew McConaughey for “Dallas Buyers Club.”

And on top of that, there’s an equally impressive list of actors who didn’t get nominated competing for the snub list Tom Hanks for “Captain Phillips,” Robert Redford for “All is Lost,” Forest Whitaker for “Lee Daniels’ The Butler” and Joaquin Phoenix for “Her.”

“Gee whiz, what a banner year for roles for men in Hollywood, you don’t see that very often,” says somebody who I probably wouldn’t be friends with but still has point.

But all that aside, Jordan’s performance as Oscar Grant in the film based on the last day of Grant’s life before being fatally shot by a Bay Area Rapid Transit Police officer can go toe-to-toe with any of the other established stars competing this year. In a film that refuses to dramatize or glorify Grant

for the service of making a movie, but instead presented him as a real person with both virtues and flaws, Jordan put in a powerhouse performance of grounding the narrative and giving the character the texture and reality that made the film so powerful.

If Oscar voters didn’t notice or forgot about Jordan (the film premiered at Sundance in January of last year and was released in theatres in July), Hollywood studios have not: Jordan’s name has been tossed in the discussion of seemingly every major film project coming up in the next few years, including rumors of a Marvel superhero film.

## **Oprah Winfrey for Best Supporting Actress in “Lee Daniels’ The Butler”**

Come on, it’s Oprah.

Even that aside, word has it that Winfrey’s performance in what should just have been titled “The Butler” but for, according to rumors, Disney’s meddling and the film’s producer Harvey Weinstein and his infamously less than lovable reputation, was stellar. This is one of the few of the movies nominated for a bunch of awards that I haven’t actually seen, and so I can only comment so much, but reading reviews and trade journals, it sounded like Winfrey was something of a shoe-in, and was nominated in similar categories by the Critics Choice Awards, the Screen Actors Guild Awards and the Satellite Awards.

In his review for Rolling Stone, film critic Peter Travers said, “Winfrey is a full-throttle wonder, filling her role with heart soul and a healing resilience.” And in a category that fell prey to once again giving a nod to everyone and anyone that’s ever been in a bar with Woody Allen (this time Sally Hawkins for “Blue Jasmine”), you’d think a few more voters might’ve realized that come on, it’s Oprah.

## **“Inside Llewyn Davis,” generally**

For a film that won the Grand Prix Award (second place) at the Cannes Film Festival and has its own Wikipedia page for awards nominated and won, one might think that “Inside Llewyn Davis” and might have been able to score more than two Oscar nominations. And the nominations, for Best Cinematography and Best Sound Mixing, while likely deserved, fail to shine any praise on the work of the film’s writer-directors, Joel and Ethan Cohen. For two men who so come as close as any to defining the contemporary auteur theory in film, to not receive any nominations is a pretty big slight.

It seems the Osacrs were just about the only place not to love the film “Inside Llewyn Davis” won or was nominated for some combination of Best Picture, Best Screenplay and/or Best director by the British Academy Film Awards, the Critics’ Choice Movie Awards, the Golden Globe Awards and the National Board of Review, among more than a dozen other awards givers-outers.

Likely, though, this will all work out for the best in the end, as it may just give the Cohen brothers the inspiration they need to write and direct a morbidly hilarious film about a quirky cast of characters trying to rig an awards ceremony in their favor that inevitably leads to dastardly results.

## **“Young and Beautiful” by Lana Del Rey from “The Great Gatsby”**

I honestly was not a big fan of Lana Del Rey’s music before this song crept and crawled its way deep into my consciousness after seeing “The Great Gatsby.” Or actually, I should say, after I heard it in the trailer, because I did everything I could to forget everything I could after seeing the actual movie. Its sad melody is haunting and spectacular and fits well with what this movie could have been, as well as working well as just a great song outside of the movie’s existence.

For the most part, this is a strong category. “Ordinary Love” by U2 for “Mandela: Long Walk to Freedom” is a soaring tribute to Mandela’s work that recalls the best of U2’s work without being derivative or cheesy. “Let It Go” from “Frozen” and “Happy” from “Despicable Me 2” are both fantastic songs, with “Let It Go” especially being one of the best songs from an animated movie I can remember in a long time (it still can’t hold a candle to “Blame Canada,” but what can?). “The Moon Song” from “Her” evokes the kind of folky weirdness that exudes from “Her” in a weird but nice kind of way.

The one outlier, though, is “Alone Yet Not Alone,” from the film “Alone Yet Not Alone,” which apparently no one, including myself, had ever heard of before it was nominated for this award. There’s nothing wrong with the song, but there is one interesting note according to Deadline.com, the song’s co-songwriter used to be a Governor of the Academy and head of its music department. Just a coincidence, I guess.

## **“Spring Breakers” for Best Picture**

Just kidding, that was the worst movie ever.

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# 'AMERICAN HUSTLE'

## DELIVERS OSCAR WORTHY PERFORMANCES



By **CAELIN MILTKO**  
Scene Writer

Winner of three Golden Globes, including Best Motion Picture, Musical or Comedy, David O’Russell’s “American Hustle” is already poised to take the award season by storm. Starring Christian Bale, Amy Adams, Bradley Cooper and Jennifer Lawrence, the film is full of noteworthy performances.

Bale stars as con man Irving Rosenfeld, who works with Sydney Prosser (Adams) in an elaborate ponzi scheme. Sydney assumes the identity of a glamorous Brit with connections, Lady Edith Greensley, and the two use her fake status to take fees from people who can’t receive loans elsewhere. It’s all done under the pretense of finding investors who will give them money (though they are already well aware they will never make them any cash). When FBI Agent Richie DiMaso (Cooper) catches them, the couple is forced to work alongside the government — leading them into a world of politics and the Mafia for which neither was prepared.

Their foray into these realms is further complicated by the presence of Irving’s seemingly unstable wife (Lawrence). Her antics provide much of the comedy in the film while also complicating the life of her husband as he attempts to get himself and his mistress out of legal trouble.

The film is loosely based on the FBI sting operation in

the late 1970s and early 1980s, ABSCAM, though much of the film’s events are pure invention.

Without any background knowledge, this is a film that will make more sense upon second viewing. The events are complicated and at times, the movie seems to have so many different possible outcomes, it’s impossible to keep track.

That being said, the actors give an incredible performance. Specifically, both female actors give standout performances. Both were honored with a Golden Globe and certainly deserved it.

Lawrence was particularly memorable in her role. In one of the funniest and most memorable scenes, she dances wildly to Paul McCartney’s “Live and Let Die” after messing up yet another important moment for her husband.

Adams plays the part of Sydeny Prosser and her fake identity seamlessly. As Irving’s mistress and partner-in-crime, Adams doesn’t miss a beat. After Irving and Sydney’s arrest, it is never clear whether Adam’s character has sided against Irving or if she is still working to get them out of the sticky situation. It is not until the final resolution that her character makes any sense at all — and therein lies her brilliance.

While slightly outshone by their female counterparts, both Bale and Cooper deliver outstanding performances. One is never quite sure whether to pity Agent DiMaso for his naïveté or pray that his stupidity is punished — an

impulse almost always inversely related to how one feels about Bale’s character, Irving, at the moment. Agent DiMaso and Irving do well to foil each other and they see-saw between being the good guy and the bad guy.

Bale’s character is conflicting from the moment he enters the screen. The audience shouldn’t like the con man who consistently cheats on his wife, and yet, Bale creates a sympathetic and somewhat endearing character whom one doesn’t really want to see lose it all.

From the very beginning, “American Hustle” captivates its audience, switching between the vague hilarity and the sobering gravity of the situation. It is certainly worth watching and will remain one of the favorites as the Oscars approach.

Contact Caelin Miltko at [cmoriari@nd.edu](mailto:cmoriari@nd.edu)

### “*American Hustle*”

Annapurna Pictures

**Director:** David O. Russell

**Starring:** Christian Bale, Amy Adams, Bradley Cooper and Jennifer Lawrence

**If you like:** “Goofafafafillas”



## FRENCH FARCE ‘LE DINDON’ PROMISES TO BRING LAUGHS THAT TRANSCEND LANGUAGE

By **KEVIN NOONAN**  
Scene Editor

French farce “Le Dindon,” (“the turkey,” in English, also translated as “sauce for the goose”) comes to the DeBartolo Performing Arts Center this weekend, in a production starring a cast of Notre Dame students.

The play, written in 1896 by the French playwright Georges Feydeau and performed in French, follows the virtuous and faithful Lucienne, a woman who has vowed never to cheat on her husband, unless he goes behind her back first, as different suitors compete for her love. Old lovers and the police cross paths in hotel rooms and love nests as the different couples in the play attempt to be unfaithful, all coming together for a highly physical farce.

Don’t speak French? It’s not a problem. Paul McDowell, the play’s director and Notre Dame French professor, says the play can be understood and laughed at, whether the French line readings are understood or not.

The production is through McDowell’s signature

course, French Theatre Production, a class that he created in 1991 and has produced a play in French at Notre Dame every year since. He says this year’s entry is another in a long line of successful and entertaining performances.

“The productions from this course have wowed thousands of spectators at Notre Dame, showcasing the talents of Notre Dame undergraduates performing the great comic works of French theatre from Molière to Musset. ‘Le Dindon’ promises to live up the high standards of our past productions — high energy, lots of laughs (even for those who don’t speak a word of French), period costumes and a few new twists this year,” McDowell said.

The students in the play said they have all taken French classes but not all of them are fluent, and that for most of them this is their first acting experience at Notre Dame. Two of them even play characters whom are supposed to be a British couple speaking in French, and said they had to learn to speak French with a bad British accent. They were also able to explain the figurative title as it translates to English.

“The dindon [the turkey] has been cheated on by his wife and is a cuckold, and it’s just sort of not a good term to be called. The play is just a farce about misunderstanding and situational humor and couples who are convinced that their partners are cheating on them, and then they get it in their heads that they’d like to cheat on their spouse, and it’s just a mess,” Jessica Peck, a sophomore in the play, said.

The actors seconded Professor McDowell’s assertion that the comedy translates across any language, and also said that a summary of the play will be provided for audience members so they can keep up with the plot even if they don’t speak French.

“Physical French farce, it’s a funny French farce, that’s the best way to put it,” Peck said.

“Le Dindon” opens tonight at 7:30 p.m. in the Regis Philbin Theater in the DeBartolo Performing Arts Center and runs through Sunday. Tickets are \$5, and can be purchased at the DPAC box office or online at [performingarts.nd.edu](http://performingarts.nd.edu).

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# Beating the heat down under



**Kit Loughran**  
Sports Writer

The players aren't just battling the opponent on the other side of the net at this year's Australian Open. They're battling an even bigger and more uncontrollable opponent — the heat.

As the second round of the tournament came to a close Wednesday, the Melbourne sun kept beating down. And when I say beating down, I really mean beating down. We're talking triple figures here. Temperatures have been a consistent 105 degrees Fahrenheit, peaking at a high of 109 degrees.

This heat is a force the players cannot control. It's not like figuring out how to handle the speed of an opponent's serve, keeping your ball in play, deciding how to move your opponent around the court or choosing when to hit a winner down the line.

There is nothing they can do about it. They just have to deal. Mentally and physically, the players are both combating it and suffering from it — the heat has caused some "meltdowns," if you will.

Players across the board, including Andy Murray, Roger Federer, Victoria Azarenka and Sloane Stevens all showed in their matches that the secret to beat this heat is to forget about strategy and statistics — just manage yourself instead.

After watching some of the second-round matches myself, it was Serena Williams and Maria Sharapova that definitely showed just how important managing yourself proves in dealing with these scorching temperatures.

The No. 1 seed, Serena seemed to easily play her way through the heat. Unlike myself or the rest of us who probably would have simply said there's no way we're stepping onto that court in 105-degree weather, Williams crushed Vesna Dolonc 6-1, 6-2 in a quick one-hour, three-minute match.

Williams' goal was clearly to get off the court as quickly as possible. And she did just that. She shortened her rallies and cut down on her errors — she managed herself.

Sharapova, on the other

hand, found it trickier than Williams to beat the heat. But, after three hours and 28 minutes in 109-degree heat, she prevailed past Karin Knapp 6-3, 4-6, 10-8 and avoided a meltdown. I started sweating myself just watching Sharapova battle through each point in that grueling heat.

I definitely would not say this was Sharapova's most eloquent match. She threw away three match points and 13 out of 20 break-point chances, tallied 67 unforced errors and had a dozen double faults. Despite these stats, the match was one of the best I've ever watched. Sharapova and Knapp played phenomenally well, given that they had to play for 43 minutes once the Extreme Heat Policy was implemented midway through their last 115-minute set. Having played tennis myself for over 15 years, I don't think I could have ever pulled out a victory under those conditions like Sharapova did.

Her second-round win might not have been as efficient or as pretty as Williams', but Sharapova proved how much more important perseverance is than looking good on the court in a "heated" situation like this.

Sharapova did not have great stats, but she held on when she had to, especially when she found herself tied 8-8 in the third set. It was the longest match of her career, yet she always seemed to come through and she never panicked. She came close to self-destructing in the last game, but her perseverance saved her. And my favorite thing about Sharapova — the heat never affected how she continued to go for those shots. She went for every ace and winner. She didn't use the heat as an excuse not to.

There's no sign of the hot temperatures dropping. The players are just going to have to keep taking those ice baths and even wearing those ice vests. All they can do is try to survive and beat their most challenging opponent at the Australian Open — the heat.

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*The views expressed in this Sports Authority are those of the author and not necessarily those of The Observer.*

## NFL

# Colts begin rebuilding after elimination

## Associated Press

Colts general manager Ryan Grigson is just getting started on the hard part.

After engineering a nine-game turnaround from 2011 to 2012 and matching that 11-win regular-season total while taking the AFC South title in 2013, Grigson must now figure out how to get Indianapolis from the playoffs to the Super Bowl.

"We need to be consistent. We need to aspire to be one of those teams that doesn't beat a great team one week and then get outscored by 40 the next," he said Thursday. "That's all growing pains. We are a young, young team and I feel like we are going in the right direction because that's typical of youth."

Grigson certainly has been dealt a good hand.

He used his first draft pick on Andrew Luck. He hit on enough low-priced free agents to fill gaps in 2012. He cleared enough cap space to start plugging big holes in free agency last year and he's projected to be about \$31 million under the salary cap heading into this offseason. That's enough room to make

some big moves.

But there are plenty of questions, too.

While head coach Chuck Pagano said earlier this week that he "absolutely" expected more stability on his staff this year than last, when offensive coordinator Bruce Arians left to take his first NFL head coaching job, that may not be the case.

Grigson confirmed Thursday that Vanderbilt had received permission to speak with Pep Hamilton, Arians' replacement, about its vacancy. There also has been speculation quarterbacks coach Clyde Christensen, Indy's offensive coordinator under head coach Jim Caldwell, could be reunited with Caldwell in Detroit. Grigson said the Lions have not yet asked to speak with Christensen.

"As of right now, there's nothing imminent," he said.

The bigger questions are on the personnel front.

Twenty-two players could become restricted or unrestricted free agents in March. The list includes names such as safety Antoine Bethea, running back Donald Brown,

cornerback Vontae Davis, punter Pat McAfee and kicker Adam Vinatieri — all of whom played key roles in 2013.

Some of those players already sound like they're leaving town.

"Was an honor and privilege to play for the Colts," Brown wrote Wednesday on Twitter, continuing a theme that started Monday morning in the locker room. "An organization made up of phenomenal people. Will always be indebted to the horseshoe."

Brown was Indy's top rusher this season when Indy finished 12-6 — including its first playoff win since 1971 without either Jim Harbaugh or Peyton Manning at quarterback.

Grigson insisted he's not discussed the future possibilities with either players or coaches.

But with Vick Ballard, Indy's top runner in 2012, returning from a torn ACL and Trent Richardson, who Indy got by trading a first-round pick to Cleveland in September, both back, Brown may be out of a job. Ballard is confident he'll be healthy for training camp, and Grigson is committed to giving Richardson another chance.

## NBA

# Nets prevail over Hawks across the pond

## Associated Press

The Brooklyn Nets should think about making another franchise move — to London.

The Nets improved to 3-0 in regular-season NBA games in the British capital with a 127-110 win over the Atlanta Hawks on Thursday.

Joe Johnson, who spent seven years with the Hawks, led the way for the Nets at the O2 Arena. The Brooklyn guard scored 26 of his game-high 29 points in the first half, and nailed two buzzer-beating 3-pointers.

"We just exploited mismatches. I was just feeding off these guys," Johnson said. "We had a lot of ball movement and took a lot of open shots."

Three years ago, the then-New Jersey Nets played two

regular-season games at the same O2 Arena, located on the banks of the River Thames and the venue used for the gold medal basketball game at the 2012 London Olympics. They beat the Raptors in both those games.

Last year, the New York Knicks beat the Detroit Pistons in the third regular-season game to be played in London.

Although the crowd seemed to save its loudest cheers for off-the-court action, both teams finished the game with five players scoring in double digits.

Andray Blatche added 20 points and 14 rebounds for the Nets, while Paul Pierce contributed 18 points, Alan Anderson 15 and Kevin Garnett 12.

"The ball was moving, guys were looking for each other and finding each other," Nets coach

Jason Kidd said. "Joe has been off the charts. Not just last few games but the whole season."

Mike Scott and Shelvin Mack, both coming off the bench, led the Hawks with 17 points each. Jeff Teague scored 16 points, Paul Millsap had 13 and Pero Antic 11.

The Hawks stayed close for the first quarter, but the Nets started to pull away in the second. Anderson started an 8-0 run early in the quarter, with Pierce contributing two layups and Blatche finishing it off with a putback to make it 39-30.

"Their size and their length was a problem in a lot of different ways, and rebounding was just one of them," Hawks coach Mike Budenholzer said.

Johnson ended the half with a 3-pointer at the buzzer to make it 65-53.

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## SAINT MARY'S BASKETBALL

# Belles look to rebound in conference play

By **ANDREW ROBINSON**  
Sports Writer

Trying to bounce back after a lopsided 95-68 loss to Calvin on Wednesday, Saint Mary's hopes to snap its three-game losing streak when it squares off against conference opponent Albion this Saturday.

After having a 2-1 conference record a week ago following a 70-67 win over Alma, the Belles (4-11, 2-4 MIAA) have dropped three straight MIAA contests to Hope, Kalamazoo and Calvin. The Brits (6-9, 2-4 MIAA) are also coming off a loss, having fallen 67-51 to Olivet on Wednesday. With both teams trying to turn things around, Belles coach Jenn Henley said she expects the game to be tightly contested.

"It should be a good matchup for us," she said.

Henley thinks the Belles will have the advantage down low against Albion, who will have to stop a strong Saint Mary's front court consisting of junior forward Ariana Paul and sophomore forwards Krista

Knapke and Eleni Shea. Paul has been on a hot streak over the past three weeks, averaging over 16 points per game.

Henley has also been preparing her team for Albion's versatile defensive schemes.

"They do a good job of mixing up their defenses between man and zone," Henley said, "so we will certainly need to be ready for that."

Henley also repeatedly stressed that playing tighter on the defensive end is a must if the Belles hope to gain some momentum moving forward.

"We need to work harder defensively to shut down the drives in the paint and secure the rebound," she said. "We can't give up second chance points."

In the game against Calvin, over half the points the Belles allowed came off of second chance points and turnovers.

The Brits will be led by senior guard/forward Brett DeBear, who averages a team-high 18.1 points per game and has dominated

from the free throw line, shooting 76 for 87 on the season. She has led the team in scoring in 12 of the Brits' 15 games. In last season's matchup against the Belles, DeBear scored 23 points and led the Brits to victory.

"[DeBear] is really carrying Albion on offense," Henley said, "We will have to find a way to contain her."

With 10 games remaining, all against conference opponents, the Belles still have plenty of time to turn things around. Henley remains confident in the Belles and their resilience.

"This team works hard and I am proud of how they continue to battle with teams," she said.

"We are still a young team when you compare us to other teams in the league. We continue to learn and gain experience, which will pay off in the long run."

Saint Mary's and Albion will meet at 3 p.m. on Saturday at the Angela Athletic Complex.

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## FENCING

# Irish to fence at national qualifier



WEI LIN | The Observer

**Sophomore Lee Kiefer thrusts during the Notre Dame Duals on Feb. 23, 2013. Kiefer is a 2012 Olympian and a defending NAC champion.**

By **REBECCA ROGALSKI**  
Sports Writer

After months of training and anticipation in the fall, Notre Dame will open its season with the North American Cup (NAC) this weekend in Virginia Beach, Va.

This competition is a national tryout for the United States fencing team, organized by the United States Fencing Association.

"Our fencers, who represent themselves individually, will be confronted by all the best fencers across North America," Irish coach Janusz Bednarski said. "The most talented fencers from countries such as Mexico and Canada will be competing in the NAC, and will challenge the Irish fencers in this continental competition."

Bednarski hopes to achieve success by utilizing his wealth of talented fencers.

"A lot of our top fencers are coming into this tournament with the goal of placing in the final eight to qualify for the United States national fencing team," Bednarski said.

For the men's group, senior Gerek Meinhardt will fence along with senior Ariel DeSmet and freshman Kristjan Archer. Other top performers for the Irish men include sophomores Garrett McGrath and John Hallsten and senior Kevin Hassett, rounding out a group Bednarski said he believes is the strongest group on the men's side.

For the women's group, sophomore Lee Kiefer, a 2012 Olympian and NAC gold medalist, will be followed by junior Maddie Zeiss, 2012 NAC bronze medalist, as strong competitors in the tournament. Junior Ashley Severson and sophomore Johanna Thill are also expected to preform well this weekend.

"This is a highly touted group that will most likely fence for the NAC competition finals," Bednarski said.

As the Irish prepare for this weekend's competition, Bednarski

said each fencer is encouraged to identify their individual strengths and weaknesses and put forth a plan of action to improve themselves in both aspects. He harps upon the importance of staying healthy both mentally and physically this early in the season.

"It is important for us that the players suffer no injuries, that the team gets to the tournament on time with no complications, and most importantly, that each player can overcome the feelings of excitement and nervousness that tend to happen in the first competition of the season," Bednarski said. "We have a young group of fencers this year in comparison to last year, so I hope that they can get over this barrier of anxiousness and that they do not let the hype get to them."

Despite these minor difficulties, the Irish aim to succeed at the NAC competition, whether the fencers end up placing, qualifying for the United States fencing team, or simply getting more fencing experience at the national level.

"To be extremely successful, we have to be very strong," Bednarski said. "The top fencing institutions in the country are practicing like we are, but with an intense devotion, emotion, and wish to beat us."

The Notre Dame fencing team has consistently been ranked as one of the top three fencing teams in the nation for the past four years, and the team strives to uphold its position by preforming at a high level this weekend.

"To be strong is a multifactorial case: one aspect involves wit, another involves preparation, and the final aspect involves overcoming emotional states and making this competition a learning experience as well," Bednarski said. "Through implementing these three key components, we will no doubt achieve success this weekend."

Contact **Rebecca Rogalski** at [rrogalsk@nd.edu](mailto:rrogalsk@nd.edu)

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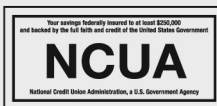
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## TRACK &amp; FIELD

# ND returns to track after break



OE KENESSEY | The Observer

*Irish junior sprinter Chris Giesting celebrates after finishing second in the 400-meter dash at the Alex Wilson Invitational on March 2, 2013.*

By CASEY KARNES  
Sports Writer

Notre Dame will hit the track for the first time in over a month when they travel to Ann Arbor, Mich., for the Simmons-Harvey Invitational on Saturday.

The Irish have had a strong week of preparation, but Irish coach Joe Piane said he still expects some rust from the long hiatus.

"If you don't do something for a long time, it may be running or playing basketball, there's going to be a little bit of rust," Piane said. "After the workouts we did this week, the guys are looking pretty fit."

Making the transition even more difficult will be the meet's hosts, Michigan. The Wolverine women were ranked 13th in the preseason, and while the men are unranked, they return four All-Americans from last season. Senior throwers Cody Riffle and Ethan Dennis both earned top-12 finishes in last year's NCAA Indoor Championships for the men, and sophomore Maya Long is the lone returnee from their women's national champion distance medley relay team. Additional schools competing include Eastern Michigan and Bowling Green, among others. Piane said the Irish would have to shake off their rust quickly because of the quality competition.

"We told them 'You just have to get out and race and see how you feel,'" Piane said. "Michigan is very good, Eastern Michigan has some good kids, so yeah, it'll be a good meet."

The increase in difficulty is not the only way that this meet will help the Irish prepare for the conference meet, as Piane said the track size in

Ann Arbor was a major factor in scheduling the meet.

"The reason why we're going to Ann Arbor is that they have a 200-meter flat track, and our ACC meet is on a 200-meter flat track," Piane said. "So most of the people need to get on it to just to find out what it's like to run on a track of that size."

The Irish will be counting on continued excellence from their 400-meter runners. At the Blue and Gold Meet on Dec. 6th, the Irish placed one-two in both genders, with sophomore Margaret Bamgbose and senior Michelle Brown pacing the women, and senior Patrick Feeney and junior Chris Giesting leading the men. Piane said he expects strong performances from those runners again, and also that Brown and Giesting will experiment in a new event, the 200.

"[This meet] is an opportunity for kids ... like Chris Giesting and Michelle Brown, who are really good 400 runners, but they're going to run the 200," Piane said. "So it's a chance to do something a little bit different, in preparation for the balance of the season."

Notre Dame is taking 63 athletes to Ann Arbor, and Piane said he was excited for some of the freshmen to get their first road meet under their belt.

"I've got two young freshmen going that I'm really excited about, [middle distance runners] Chris Marco and Jacob Dumford," Piane said. "I'm anxious to see how they do. We'll see how it goes."

The Irish will compete all day Saturday at the Simmons-Harvey Invitational in Ann Arbor, Mich.

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## ND WOMEN'S TENNIS

# Irish host Broncos, Jaguars to kick off new year

By SAMANTHA ZUBA  
Sports Writer

The No. 21 Irish will debut their mix of underclassmen and experienced leaders Saturday when they host dual meets against Western Michigan and IUPUI, the first dual meet experience of the season for all three teams.

Notre Dame competed at the Western Michigan Super Challenge in November, and the Irish typically play against Western Michigan every season. IUPUI, however, is a new opponent for Notre Dame. Irish coach Jay Louderback said that scouting matters less for the first matches of the season, so he will focus more on getting all his players court time.

"We really haven't done any scouting on them [IUPUI]," Louderback said. "I know some of their kids because they've got quite a few kids from this area who I saw when they were younger. For us, it's just getting into the season and getting a chance to play. With two matches, we can get a lot of kids in. We won't play the same lineup in both matches."

As for Western Michigan, the Broncos feature senior Kathleen Hawkins, who recently received a No. 55 national ranking from the Intercollegiate Tennis Association (ITA). The ranking is the highest ever for a player from Western

Michigan.

Seven players return for Notre Dame this season, and three freshmen will play their first spring matches. The freshmen experienced their first college tennis competition during fall tournaments, but the spring meets will challenge the talented young group in new ways, Louderback said.

"The biggest thing with the freshman is even though they played tournaments in the fall and they traveled with everyone, they haven't played a dual match, which is different from anything they've ever done before," Louderback said. "You're not just playing for yourself; you're playing for your team. Playing a match for a point for your team takes a couple matches for them to get used to."

Senior Britney Sanders earned Big East Player of the Year honors last season and played No. 1 singles. Sanders, along with fellow seniors Jennifer Kellner and Julie Sabacinski, will help lead the freshmen, Louderback said. Seniors in the past have enjoyed the leadership responsibilities.

"It's a big thing for the seniors," Louderback said. "We've got three of them who have played a lot for us in their three years. ... The experience they have will be a really big thing for our freshman and sophomores. We've got some young ones

who haven't played a lot."

Leadership duties shouldn't distract the upperclassmen from focusing on their own matches, since the seniors can lead by showing the underclassmen quality tennis, according to Louderback.

"Part of it is them playing well, playing hard and setting a good example," Louderback said.

This season, because of the wealth of senior experience, Notre Dame will debut new doubles pairings. Louderback said he will split up Sanders and Sabacinski, who played together last season, to spread out his seniors on the doubles teams. Kellner will also have a new partner after Chrissie McGaffigan's graduation as the team's only senior in 2013.

"We will have one senior on each of our doubles teams," Louderback said. "All three [seniors] have played No. 1 doubles at times, so we know what we've got with each of those seniors on those doubles teams. You never know when you'll have to mix up teams, but we feel really good about our seniors."

The Irish kick off the dual meet season Saturday against Western Michigan at noon, then will take on IUPUI at 5 p.m., both at the Eck Tennis Center.

Contact Samantha Zuba at [szuba@nd.edu](mailto:szuba@nd.edu)

## WOMEN'S SWIMMING

# Notre Dame to square off against old conference foe

Observer Staff Report

The Irish will return to the pool and travel to Louisville, Ky., to take on Louisville on Saturday.

The Irish (6-4) take on former BIG EAST rival and future ACC opponent No. 13 Louisville.

The Irish head into the meet after defeating Northwestern (160-140) and Rutgers (206-94) and falling to Michigan (168-132) in a four-team dual meet Saturday. The Cardinals face the Irish after beating Houston (210-85) and Cincinnati

(211-84) in a double dual meet the same day.

Notre Dame looks to junior Emma Reaney and senior Kelly Ryan to lead the squad in individual events again this weekend. Reaney won three individual events (100 breast, 200 breast and 100 fly) and one relay (400 free) Saturday. She was named ACC Women's Swimmer of the Week for the fifth time this season after her performance.

Ryan and Reaney, paired with freshman Catherine Mulquin and sophomore Catherine

Galleti, won the 400-relay (3:25.15) Saturday and will return to the water to test themselves against the Cardinals.

The Cardinals, who have yet to lose a dual meet this season, are led by sophomore Kelsi Worrell, who won the 400-medley relay, 200 fly and 100 free Saturday, as well as senior Krissie Brandenburg, who won the 400 medley relay and 50 free.

Notre Dame takes on Louisville on Saturday at Ralph Wright Natatorium in Louisville, Ky., at 11 a.m.

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ALLISON D'AMBROSIA | The Observer

Senior goaltender Steven Summerhays stands guard in Notre Dame's 5-2 win over Guelph on Oct. 6, 2013. His four shutouts lead the NCAA.

## Hockey

CONTINUED FROM PAGE 16

the program in 1990. He guided the Lakers to two national championships in his six seasons at the helm before leaving to become the first-ever program director of the U.S. National Team Development Program in Ann Arbor, Mich. He was inducted into the Lake Superior State Hall of Fame in 2009.

This year's Lakers (11-10-1, 7-9 WCHA) are slightly over 500 on the year and sit in the middle of the pack in their first season in the Western Collegiate Hockey Association. Led by freshman forward Alex Globke and senior goaltender Kevin Kapalka, the Lakers are coming off of three consecutive losses, two to Bemidji State and one on the back-end of a weekend series with Michigan Tech.

Jackson said that Lake Superior is coming along at a good time in his team's schedule. With two blow-out wins over Alabama-Huntsville last weekend, the No. 15 Irish (12-8-1, 3-5-1 Hockey East) face the Lakers before restarting their difficult conference schedule against No. 11 Northeastern.

"When you talk about the level of competition

ramping up, that was done intentionally," Jackson said. "Since we fortunately had these couple weeks off from Hockey East scheduling, we had the chance to schedule non-conference games, and Lake State will be a much better opponent than we had in Alabama, so we're going to have our hands full."

With senior goaltender Steven Summerhays recording his NCAA-leading 4th shutout against Alabama-Huntsville, Jackson said the biggest room for improvement for his team is in the offensive end, particularly getting scoring chances off of the cycle and defensive zone transitions.

"We need to generate more five-on-five goals. We're right around 20 percent on the power play, so if we could get more than two goals per game five-on-five, it would certainly help us," Jackson said. "Then if we can get a power-play goal a game, that's three-and-a-half or four goals a game, which is a high number in today's game."

To get to that number, more Irish players will need to contribute to the effort.

"There's some guys that I still think have more in them. It's good that we're getting guys on track, but we're still looking for more depth," Jackson said. "[Sophomore forward Mario] Lucia, [senior forward Jeff] Costello, we need [senior forward TJ] Tynan to contribute more to goal scoring. He's doing a good job scoring points, but we need him to put the puck in the net more."

The Irish face off at home against Lake Superior State at 7:35 p.m. Friday.

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## MEN'S TENNIS

# Two Irish players ranked as spring season opens

By GREG HADLEY  
Sports Writer

After two months away from competition, No. 29 Notre Dame begins its spring season this weekend, with matches against William and Mary on Friday, and No. 47 Michigan State and Toledo on Sunday.

Both the Tribe and the Spartans are coming off doubleheader sweeps to start the season at 2-0, and Irish head coach Ryan Sachire said both squads present tough challenges for his squad in the early season.

"William and Mary is always one of the best teams in their conference," Sachire said. "They do a great job of preparing and they have a couple of solid players. Michigan State went to [the NCAA tournament] last year and they return most of their starters. We fully expect a battle from each of them, but ... at the same time, we're confident that if we come out and play the way we want to play, there's not a team on our schedule we can't beat."

Toledo had had a rough start to the new year, falling to Michigan State, 6-1, but the Rockets will play Michigan on Saturday before coming to Notre Dame.

History favors the Irish in each match. Last spring,

Notre Dame beat both William and Mary and Michigan State, 6-1. The squad also owns a 27-2 all-time record against Toledo.

Senior Greg Andrews will continue to lead the way for the Irish after a stellar fall campaign that included a runner-up finish at the USTA/ITA Midwest Regional Championships. Both Andrews and sophomore Quentin Monaghan enter the spring season ranked, Andrews at No. 22 and Monaghan at No. 90.

"Greg Andrews is exactly what we expect of him," Sachire said. "He's a great senior player, one of the best players in the country. He's the leader of the team and he came back from break and continued to set the bar every single day for the rest of our guys."

The Irish spent most of the fall focusing on player development, and that focus has paid off in a wealth of depth, Sachire said.

"We've got a lot of good players," Sachire said. "We can go 11 or 12 deep and I would still feel very confident putting those players in a situation where we need them to win a big match. We're going to have guys this spring sitting on the bench who are capable of winning."

With so many options, Sachire said he anticipates

a hectic spring as players move in and out of the lineup.

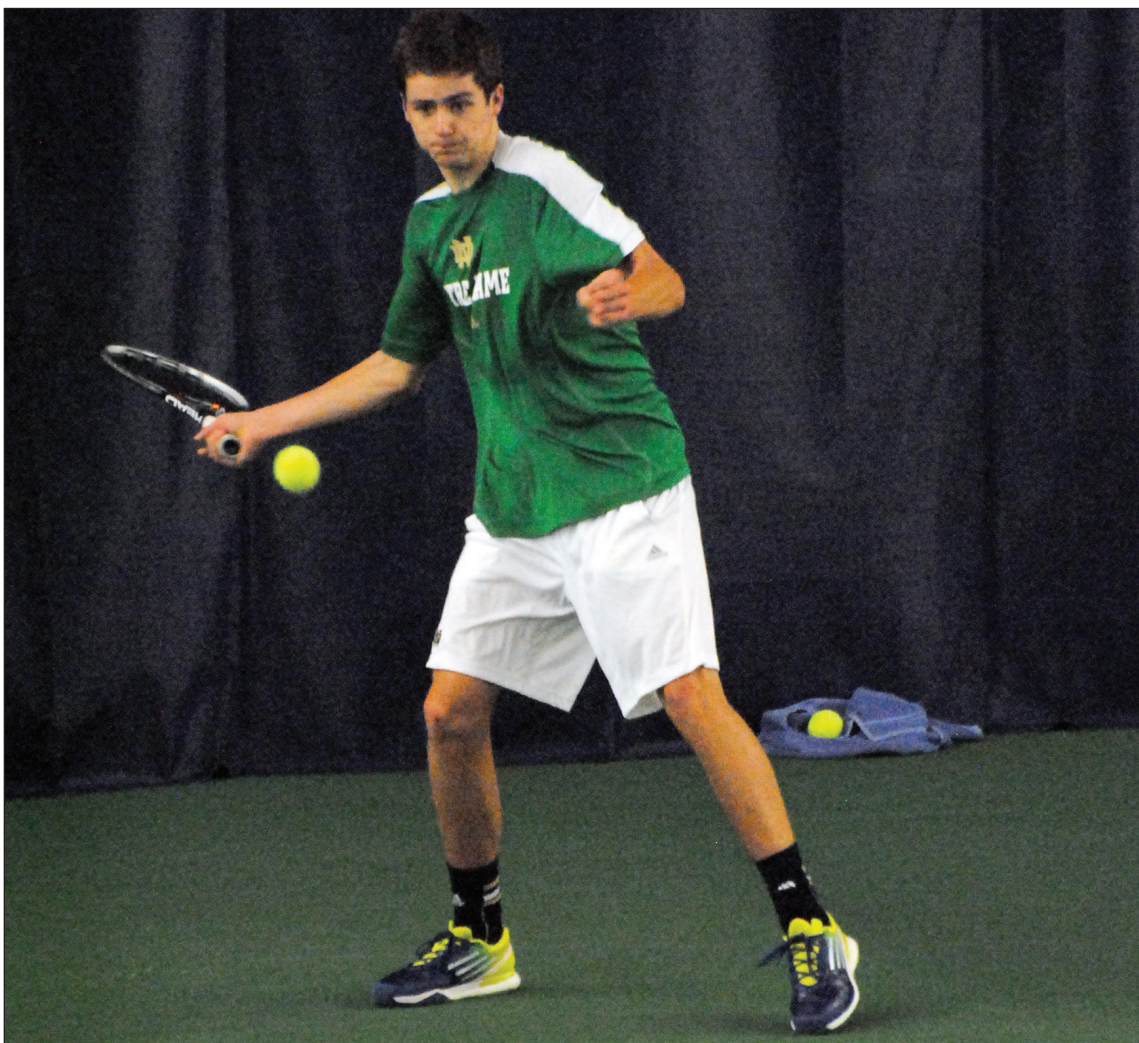
"It's a long season," Sachire said. "There's always going to be adversity that we have to face, be it injury or illness or a player losing his confidence. When you have more good players than you have spots in the lineup, some people will feel like they could be playing and should be playing. But the reality is that as the season goes on, everyone will get opportunities. What it comes down to is who steps up and takes advantage of them."

Sachire said he will look to several players who had good practices to step up for the Irish this weekend.

"[Sophomore] Eric Schnurrenberger came back from break and has really played well and competed well," Sachire said. "There's no question he has talent, but he's really taken it to the next level. [Freshman] Eddy Covalschi also has done well in training. It's clear both of them worked really hard over break."

The Irish kickoff the spring season this weekend against William and Mary on Friday and Michigan State and Toledo on Sunday in the Eck Tennis Pavilion.

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Observer File Photo

Sophomore Quentin Monaghan loads up for a forehand against Michigan on Feb. 16, 2013. Monaghan enters the 2014 season ranked No. 90 in the country. Irish senior Greg Andrews is also ranked, at No. 22.

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## M Basketball

CONTINUED FROM PAGE 16

half, and Notre Dame allowed North Carolina State to extend a three-point halftime lead to nine in the first four minutes of the second half.

"It's a hard thing to get over psychologically," Brey said Wednesday of the slow second halves. "The tip-ins during that flurry break your back, and then you're digging out of a hole."

The Irish will try to dig out of their three-game slide when they host the Hokies (8-8, 1-3), who are stuck in their own three-game losing streak. Virginia Tech, which lost 56-49 to Clemson on Wednesday, will play its first road game since Dec. 21.

Senior forward Jarell Eddie leads the Hokies in scoring at 15.3 points per game. Eddie, who is the only senior on the young Virginia Tech squad led by second-year head coach James Johnson, has only averaged 6.3 points during the three-game stretch.

At halftime of Sunday's contest, former Irish coach Digger Phelps will be inducted into the Notre Dame Basketball Ring of Honor. Phelps's induction comes on the 40th anniversary of Notre Dame's historic victory over

UCLA in 1974 — an upset that ended the Bruins' 88-game winning streak, a record that still stands today.

Phelps will become the first coach and the sixth person overall — joining Austin Carr, Adrian Dantley, Skylar Diggins, Luke Harangody and Ruth Riley — to join the Ring of Honor.

Phelps coached the Irish from 1971-72 through 1990-91, compiled a record of 393-197 and advanced to 14 NCAA tournaments.

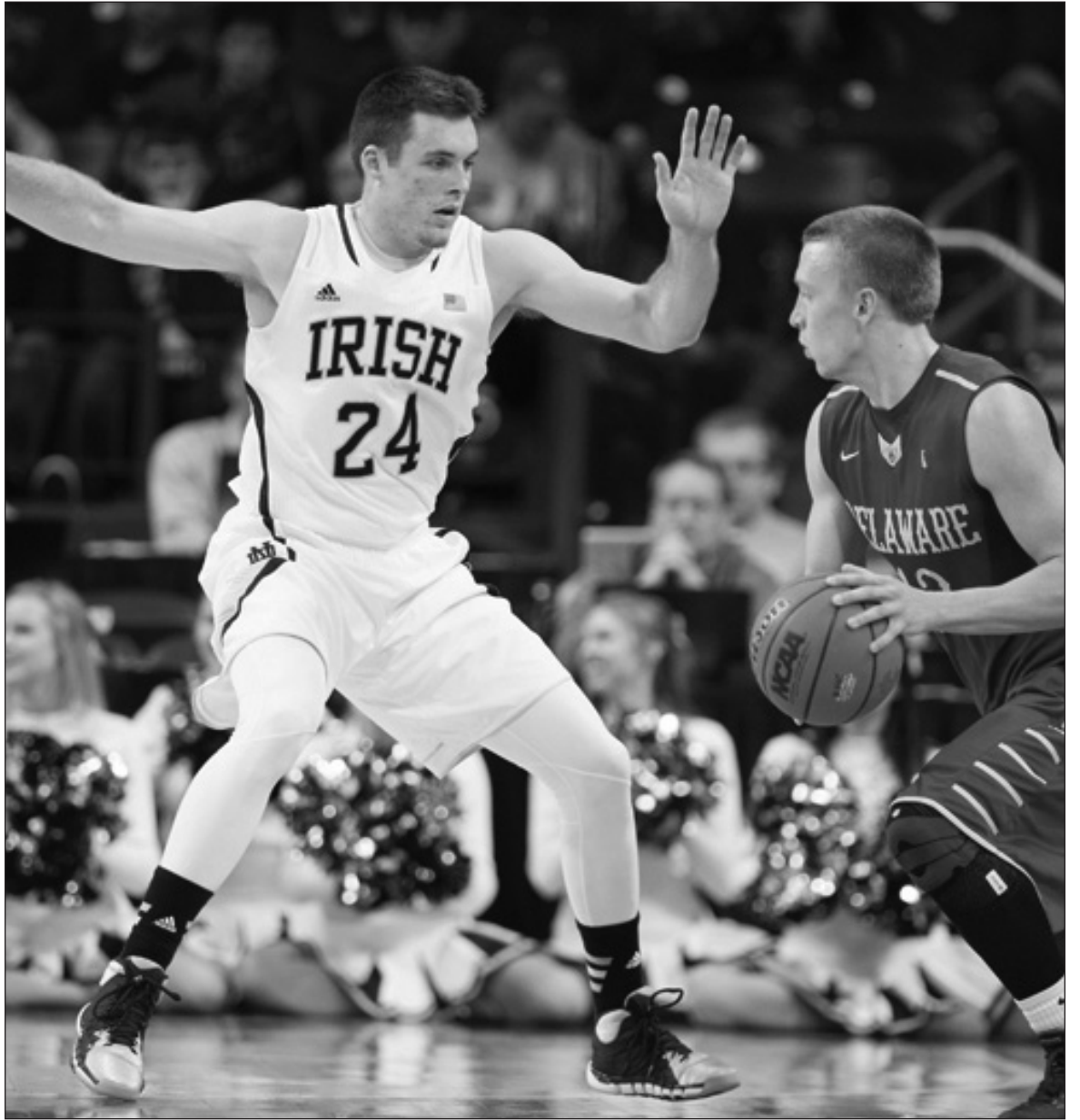
More than two dozen of Phelps' former players at Notre Dame will be on campus for the game. Phelps' banner will be unveiled in the rafters during halftime.

From there, after honoring the legendary former coach, the Irish will attempt to squash their second-half struggles and earn their second conference win.

"It is one game at a time," senior center Garrick Sherman told reporters after Wednesday's loss. "We have to focus on Sunday and get a win against Virginia Tech. That is all you can do. We have to try and get better until then."

Notre Dame tips off against the Hokies on Sunday at 6 p.m. at Purcell Pavilion.

**Contact Mike Monaco at**  
**jmonaco@nd.edu**



ZACH LLORENS | The Observer

*Junior forward Pat Connaughton defends the ball against Delaware on Dec. 7, 2013. Notre Dame won 80-75, and Connaughton had a double-double with 21 points and 11 rebounds.*



BARBARA KAZANOWSKA | The Observer

*Former Irish center back Grant Van De Castele passes in Notre Dame's 4-0 win Nov. 24, 2013, against Wisconsin. Castele was drafted by the Colorado Rapids in the first round of the MLS draft Thursday.*

## MLS

CONTINUED FROM PAGE 16

head to Colorado's preseason camp next week, where he'll join former Irish teammate Dillon Powers, who tallied 5 goals and 4 assists last season and was named the 2013 MLS Rookie of the Year.

"To be a professional athlete is a dream come true, especially to go to an organization like Colorado," Van De Castele said. "They have a recent history of letting younger guys

make an impression on the team and get solid minutes, as well."

In his 84 career matches, Van De Castele helped lead the Irish defense to 30 shut-outs, scoring four goals along the way. He was named to the NCAA Championship All-Tournament Team this season and last year graduated with degrees in Finance and Economics. Van De Castele was also named the 2012-2013 Big East Male Scholar-Athlete of the Year.

"I'm so grateful for my time at Notre Dame," he said. "It opened up a ton of doors for me, doors that definitely wouldn't be open for me if I had gone somewhere else. Notre Dame has made me who I am today, and I owe them a lot more than I could ever repay them."

Harrison Shipp, another captain from this year's championship squad, signed with MLS's Chicago Fire last week.

**Contact Jack Hefferon at**  
**wheffero@nd.edu**

## W Basketball

CONTINUED FROM PAGE 16

her to have a nice homecoming. So many fans from Erie came down for the game, and she was able to play really well in front of her family and friends, so that was great."

Mabrey, meanwhile, continued to showcase the outside shot she has improved from last season, making four of her five 3-point attempts and increasing her season average to 44.2 percent from behind the arc.

"That is her job — to take those threes," McGraw said. "Tonight she made them, and she was so poised and efficient and really had a great game."

Besides contributing to the box score with her 20 points and four steals, Loyd had the task of defending Pittsburgh junior guard Brianna Kiesel, who entered the night leading the ACC with 22.3 points per game in conference play.

Kiesel scored 20 points against the Irish before leaving midway through the second half with an injury. However, she was scoreless through the first six minutes of the game and limited to two-for-nine shooting from the floor before halftime.

"That was the one area I thought we could've done a little better at," McGraw said. "We did a decent job on her in the first half. She's a really good player, and she was able

to find some openings and make some shots. But overall, Jewell's defense was very good all night."

The victory increases Notre Dame's lead in the series to 21-6 in the 19th consecutive year the two teams have met. However, this is the first time McGraw and the Irish faced off with first-year Panthers head coach Suzie McConnell-Serio, who gave a new look to a longtime opponent.

"They have a new coach, so it's really different, even though we've played them before," McGraw said. "They have a new system, running different things, but there was some familiarity with the players."

The Irish had a change to their lineup for the contest, as well. Reimer, usually one of McGraw's first players off the bench, started in place of senior forward Ariel Braker, who did not play with a strained Achilles and is day-to-day, McGraw said. Freshman center Diamond Thompson did not make the trip because of illness, but McGraw said she expects her to be ready for the team's next game against Tennessee.

The Irish take their perfect record to Knoxville, Tenn., for a matchup with the No. 12/10 Volunteers and one of college basketball's most storied programs Monday at 7 p.m.

**Contact Mary Green at**  
**mgreen8@nd.edu**



CROSSWORD | WILL SHORTZ

- Across**

1 Aunties' sisters

7 Gold medal

15 Fly

16 Prepare to take off, perhaps

17 Evers of civil rights

18 Quick seasonal greeting?

19 Ice cream gobbler's woe

21 A.L. East team, on scoreboards

22 Ear-relevant

23 Old Norse work

24 Orange exterior

25 United entities before 1991: Abbr.

26 "Get Smart" enemy agency

27 2008 Israeli political biography

28 Beater of a full boat in poker

30 Naturally bright

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- 34 C6H6

35 Stilted-sounding "Consider it done"

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45 Solving aid

46 End of a line in England

47 Hit MTV series starting in 2009

50 Double grace period?

52 Start operating, datewise

53 Vronsky's love

54 Stoolies, often
- Down**

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2 Heads off

3 Where trapeze artists connect

4 Ancient talisman with mathematical properties

5 \_\_\_\_ advantage

6 One bound to do work

7 Ball wear

8 Popping Prozacs, perhaps

9 Common statue setting

10 Ask

11 Legendary raptor

12 Figure skater Brasseur

13 Directed attention (on)

14 Runs over

20 Goes over

24 Source of false returns

26 Film critic Pauline

27 Magazine articles

ANSWER TO PREVIOUS PUZZLE

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- Puzzle by Steven Riley
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30 They can get choppy

31 "Ponyo" writer/director Hayao \_\_\_\_

32 In unison

33 Booms
- 34 Pickle

36 Pierce with lines

38 "West Side Story" Oscar winner

40 Like the I.B.M. PC, often

41 Light show?

42 Minute
- 44 Four enter them, but only two survive

47 Tennis star Novotna

48 Over there, to bards

49 Practice with gloves on

51 Once known as

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HIGHLY PUNLIKELY | CHRISTOPHER BRUCKER



CONTROLLED CHAOS | HILLARY MANGIAFORTE



SUDOKU | THE MEPHAM GROUP

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SOLUTION TO THURSDAY'S PUZZLE

8	7	1	3	4	6	9	2	5
5	6	9	7	1	2	3	8	4
2	4	3	5	9	8	6	1	7
9	3	7	4	6	1	2	5	8
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4	1	5	2	8	3	7	6	9
7	2	8	1	3	4	5	9	6
1	9	4	6	2	5	8	7	3
3	5	6	8	7	9	1	4	2

Complete the grid so each row, column and 3-by-3 box (in bold borders) contains every digit, 1 to 9. For strategies on how to solve Sudoku, visit [www.sudoku.org.uk](http://www.sudoku.org.uk)

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HOROSCOPE | EUGENIA LAST

**CELEBRITIES BORN ON THIS DAY:** Kate Moss, 40; Richard T. Jones, 42; Debbie Allen, 64; John Carpenter, 66.

**Happy Birthday:** Strive to reach your goals. Refuse to let emotional situations stand in your way. Separate personal and professional obligations and focus on each with tolerance and passion. Step outside your comfort zone if it will help you lead the way to a better life and future. Set priorities and don't budge until you reach your goals. Live, love and laugh. Your numbers are 7, 13, 18, 26, 37, 40, 48.

**ARIES (March 21-April 19):** You have the discipline to get things done, but your emotional outlook may cause some problems with someone who has the power to influence your future. An innovative look at the situation will help you find the best response. ★★

**TAURUS (April 20-May 20):** There is no time to waste. Deadlines must be met and energy levels must remain consistent. You have plenty to gain if you bring your best game to the competition. Less said and more done will confirm you can take charge. ★★

**GEMINI (May 21-June 20):** Listen to advice and follow through with adding a unique touch. Take care of a money matter before it ruins your credit, a relationship or your reputation. Connecting with someone from your past can lead to alternative ways to earn money. ★★

**CANCER (June 21-July 22):** Live in the moment and forget the past. By making new choices, you will find ways to rediscover some of the things that make you happiest. Romance is highlighted and spending time socializing will enhance your personal life and attitude. ★★

**LEO (July 23-Aug. 22):** Choose your battles and your allies and focus on your strengths and destinations. The journey you begin will lead to specific changes that will need nurturing. Prepare to give your all and see matters through to the end. Success will be yours. ★★

**VIRGO (Aug. 23-Sept. 22):** Make whatever you do enjoyable. Take initiative and you'll find a way to spread your happiness around and encourage others to follow suit. Your influence on the people you deal with will make your life easier and your future brighter. ★★

**LIBRA (Sept. 23-Oct. 22):** Use your intuitive insight when dealing with partners, friends and family. Read between the lines and you'll discover who is with you and who is not. Let your emotions set the standard. It's time to regulate instead of being controlled. ★★

**SCORPIO (Oct. 23-Nov. 21):** Pick a destination that will lead to knowledge, and head in that direction. You will benefit from the interactions you have with people sharing your interests or expertise. Love is in the stars and romance should be planned for the evening hours. ★★

**SAGITTARIUS (Nov. 22-Dec. 21):** Ask questions and show interest. The more information you gather, the easier it will be to make a decision. A money deal may be met with opposition. Listen to what's being said and it may save you a bundle. ★★

**CAPRICORN (Dec. 22-Jan. 19):** Don't feel pressured to make a choice or decision. Take your time and make it clear that you will not be bullied or coerced into anything. A strong will is required if you are going to avoid loss and maintain control. ★

**AQUARIUS (Jan. 20-Feb. 18):** Revisit your strategy regarding work, money and moving forward. A change will do you good, but it may be necessary to pick up additional skills or information to do so. Be patient and do what's required of you. ★★

**PISCES (Feb. 19-March 20):** Do whatever it takes to make an impression. Expect to receive money or a gift or see a debt fulfilled. Share an idea and you will receive an interesting comment that will help you expand and pursue your goal. ★★

**Birthday Baby:** You are inventive, hardworking and giving. You are generous and responsible.

JUMBLE | DAVID HOYT AND JEFF KNUREK

**Across**

1 Aunties' sisters

7 Gold medal

15 Fly

16 Prepare to take off, perhaps

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19 Ice cream gobbler's woe

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ND WOMEN'S BASKETBALL | NOTRE DAME 109, PITT 66

## Notre Dame trounces Pitt



EMMET FARNAN | The Observer

*Sophomore guard Jewell Loyd surveys the court against UNCW on Nov. 9, 2013. Loyd led the Irish with 20 points Wednesday against Pitt.*

By **MARY GREEN**  
Sports Writer

Missed shots were few and far between for No. 2 Notre Dame as the team took an early lead and never looked back in Thursday's 109-66 win over Pittsburgh at the Panthers' Petersen Events Center.

Notre Dame (16-0, 4-0 ACC) shot 60.6 percent from the floor, including 9-for-12 from behind the arc, while converting 20 of its 22 free-throw attempts en route to its highest point total of the season.

"I think we beat them on both ends of the floor," Irish head coach Muffet McGraw said. "Shots were dropping, and I think we really felt good about that, and that probably gave us a little bit more energy on defense."

The Irish were just as solid on the other end of the court, holding the Panthers (9-9, 1-3 ACC) to 28.1 percent shooting in the first half and 37.1 percent for the game. The 43-point win comes on the heels of Notre Dame's

79-72 win over Virginia on Sunday, the smallest margin of victory for the squad this season.

"We worked really hard on our defense after the Virginia game because we weren't happy with how we defended them," McGraw said. "So I was really pleased with how we were able to execute and just really, really able to defend them in the first half."

Senior guard Kayla McBride and sophomore guard Jewell Loyd led the way for the Irish with 20 points each. Senior forward Natalie Achonwa, sophomore guard Michaela Mabrey and freshman forward Taya Reimer also contributed double-digit scoring, with 14, 13 and 10 points, respectively.

For McBride, a native of Erie, Pa., the game was something of a return home, as her hometown and Pittsburgh lie about two hours from each other.

"She really shot it well," McGraw said. "It's great for

see W BASKETBALL **PAGE 14**

MEN'S SOCCER

## Van De Castele drafted

By **JACK HEFFERON**  
Sports Writer

Grant Van De Castele had a lifelong dream realized Thursday morning when the Colorado Rapids selected him in the first round of Major League Soccer's annual SuperDraft.

The former Irish center back started every match over the last four seasons and as a team captain was instrumental in leading Notre Dame to its first national championship in program history last month.

"Right now, it's a pretty surreal feeling," Van De Castele said. "The national championship hasn't even set in, and then I get this good news today. It's been a few good months for me."

The Rapids selected Van De Castele with the 19th and final pick of the first round. He'll

see MLS **PAGE 14**

MEN'S BASKETBALL

## Irish aim to break losing streak

By **MIKE MONACO**  
Sports Editor

Mired in a three-game losing skid, Notre Dame looks for its first win in more than two weeks when it hosts Virginia Tech on Sunday night at Purcell Pavilion.

Little has gone right for the Irish (10-7, 1-3 ACC) since their 79-77 upset of then-No. 7 Duke on Jan. 4. They lost at home to North Carolina State on Jan. 7. Four days later, in its first road ACC contest, Notre Dame fell to Georgia Tech. And on Wednesday, Maryland thoroughly outplayed the Irish in the second half en route to the 74-66 Terrapin win.

Even the marquee win over the Blue Devils has lost some of its luster, at least for the time being, as Duke dropped to No. 23 in this week's AP poll.

"We're struggling a little bit right now," Irish coach Mike Brey told reporters after Wednesday's loss. "We need to get back into a practice rhythm and see if we can win a league game Sunday night."

Notre Dame committed a season-high of 17 turnovers and was outrebounded 40-31 — including a 20-11 deficit on the offensive glass — by the Terrapins on Wednesday. The nine-board rebounding differential was Notre Dame's second-largest deficit this season, and the Irish hadn't surrendered 20 offensive rebounds to their opponent since the five-overtime slugfest with Louisville on Feb. 9, 2013.

"You're just not going to win a game giving up 20 offensive rebounds and turning the ball over 17 times," Brey said. "Disappointing for us."

Fourteen of Maryland's offensive rebounds came after halftime, as the Irish continued a recent trend of sluggish second-half starts. Notre Dame led by nine at the break but didn't score its first bucket until the 13:14 mark of the second half. Against Georgia Tech, the Irish only tallied one point for the first five-plus minutes of the second

see M BASKETBALL **PAGE 14**

HOCKEY

## Jackson hosts former team

By **CONOR KELLY**  
Sports Writer

When the Irish left the now-disbanded CCHA at the end of last season to move to Hockey East, they left behind a number of traditional rivalries that they knew would be difficult to continue, at least with the same frequency as before. Irish coach Jeff Jackson has pointed out the loss of series with teams like Michigan and Michigan State as one of the drawbacks of joining the New England-heavy Hockey East.

Still, the team will get the opportunity to rekindle an old CCHA rivalry this weekend when Lake Superior State, Jackson's former team, visits the Compton Family Ice Arena for a pair of games.

"I think keeping things alive with old CCHA teams is a good thing, especially from a geographical standpoint," Jackson said. "And Lake State, obviously with my relationship there I hope we can keep playing them, and maybe get up there at some point again



ALLISON D'AMBROSIA | The Observer

*Senior right wing Bryan Rust fights through defenders Nov. 30, 2013, against Northeastern. Rust is third on the Irish with eight goals.*

too. I think it's important for their program and ours to still have that rivalry mentality."

Jackson got his start in coaching at Lake Superior

as an assistant in the 1986 season, winning a national championship in 1988, and took over the reins of

see HOCKEY **PAGE 13**