Researchers aim to free up radio spectrum

DYLAN FROST
Daily Egyptian

The day is cluttered with radio waves, and SIU researchers are working to clean up the mess in an ever-shrinking spectrum.

The National Science Foundation awarded the university a $906,625 grant to study radio spectrum-sharing and ways to make it more efficient to its users. Xiangwei Zhou, co-principal investigator and engineering professor, said researchers will study ways to create a better economic plan for primary and secondary use while also freeing up frequency space.

“Frequency resource is limited because, for a specific area, we have already allocated up spectrum band for a certain service,” Zhou said. “In a certain area we can squeeze in more services using the same frequency. Later on, the spectrum resource can almost become unlimited.”

The radio spectrum is made up of electromagnetic radio waves that operate at different frequencies. The frequency, measured in megahertz, is the rate at which a radio wave vibrates throughout space. A radio receiver can ideally pick up signals only from the frequency it is dialled into. For example, 101.5 CIL-FM operates at 101.5 megahertz per second.

Spectrum sharing would allow two stations to share the same frequency without channel interference, said Andrew Clegg, program director for the Enhancing Access to the Radio Spectrum.

“This wouldn’t work, for example, for TV stations or FM stations that are on all the time, but a lot of radio stations such as police dispatch and the like aren’t transmitting all the time,” Clegg, an NSF employee, said in an email.

The spectrum is regulated by the Federal Communications Commission for commercial and non-commercial use, and it is issued to primary and secondary users. Clegg said an example would be the police force’s own licensed spectrum for emergency radio dispatch, only the police can use it, even if they are not using the radio to communicate. Spectrum sharing then would allow the police — the primary users — to lend part of the spectrum to a secondary user. This, Clegg said, is what is known as opportunistic use.

“The secondary user could test to see if it’s being used and they’re only supposed to use it if it’s unoccupied,” said Allison Watts, an economics professor and co-principal investigator of the research project.

Watts said frequencies are often only used 15 to 80 percent of the time, which gives secondary users an opportunity to use the spectrum during times of vacancy while also freeing up other frequencies.

“That’s the goal of the project — to make sure that’s there’s enough frequencies available,” Watts said. “It should increase the frequencies available and it should also make everything cheaper.”

Zhou said the FCC’s and researchers’ primary goal is to improve the spectrum’s efficiency. Researchers will explore other initiatives of spectrum usage later, he said.

“Later on, we’re going to explore the connections between economic aspects and engineering aspects,” Zhou said. “For example, if I’m sending spectrum to a specific user, the price is actually related to how you utilize the network.”

The spectrum has been used for more than a century and has a variety of everyday uses: Wi-Fi, radio, television, cellular phones, wireless internet, GPS and public safety communications. As technology advances and wireless products become more prevalent for on-the-go users, the spectrum has lost available space and is causing several communications problems, such as channel interruption and slower connectivity.

“It’s sort of like being at a party and two people are trying to talk to you at the exact same time,” Clegg said. “Signals get mixed with each other when two users try to transmit on the same channel at the same time in the same general area. In that case, people trying to receive those transmissions get a lot of noise and interference.”

SIU’s research proposal was chosen by the National Science Foundation as one of the top 15 percent proposals submitted to the Enhancing Access to the Radio Spectrum program. Clegg said the foundation receives proposals from universities around the country, and the panels choose the proposals that they believe have the best combination of intellectual merit and broader impact.

He said lawmakers consider the radio spectrum to be a major contributor to the nation’s economy because of its wide range of uses. Congress and President Barack Obama want to make it more efficient to foster more opportunities for stakeholders, commercial broadband providers, public safety, homeland security and national defense, according to provisions in the 2010 National Broadband Plan, the 2012 Spectrum Act and the 2012 President’s Committee of Advisors on Science and Technology report.

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Body found in ditch identified as missing college student

PAT PHEIFER  Associated Press

A body found near Lonsdale, Minn., on Monday is that of missing University of Minnesota student Anarue Schunk, Rosemount police said Tuesday.

The body was found about 4:30 p.m. in a grassy ditch beside a gravel road in Wheatland Township in Rice County, about 35 miles from the town of Lonsdale. The body was found by county crews mowing the ditch on the south side of the road. The body was taken to the Hennepin County medical examiner's office to determine the cause and manner of death.

The body was a white male, 6 feet tall and weighing 180 pounds. He had been stabbed at least 24 times with a large knife, investigators believed could indicate a struggle. The jacket was covered in blood and had 18 to 20 holes that investigators found his sister's white jacket at an apartment in St. Paul and a knife connected with the murder. The jacket was covered in blood and had 18 to 20 holes that investigators believed could indicate a struggle. The jacket was covered in blood and had 18 to 20 holes that investigators believed could indicate a struggle.

He was charged last week with second-degree murder in the death of Palagio Jobi, 23, of Savage. His girlfriend, Ashley Conrade, 24, of Rosemount, was charged with aiding an offender for allegedly harboring Nelson until his arrest on Sept. 24. They and others could face additional charges in Schunk’s death when the case is presented to a grand jury.

Schunk has a lengthy criminal record and was released from the Hennepin County jail two days earlier on $25,000 bail after being accused of forcing his way into a Richfield home with a gun in June. He was charged in that case with first-degree robbery and illegally possessing a gun.

The criminal complaints in the Barnum case said Conrad told police that after the shooting, Nelson and Schunk returned to her townhouse. That’s where Schunk’s trail ended.

Tyson Schunk said Sunday that Barnum police told the family that investigators found his sister’s white jacket at an apartment in St. Paul and a knife connected with the case on the roof of that apartment building. The jacket was covered in blood and had 18 to 20 holes that investigators believed could indicate a struggle.

Schunk’s brothers and other family members drove from place to place Sunday trying to find additional evidence. They called for volunteers to search those areas, too, and were trying to set up additional searches in the following days.

About Us

The Daily Egyptian is published by the students of Southern Illinois University Carbondale. It is committed to being a trusted source of news, information, commentary and public discourse, while helping readers understand the issues affecting their lives.

Mission Statement

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"These large Internet companies may come to possess some of the most valuable data about how users behave across devices in an increasingly cookie-less world."

Google dominates the digital ad market with a projected 35 percent share of total revenue in 2013, followed by Facebook with a little over 5 percent and Yahoo Inc. with 3 percent, according to estimates from eMarketer. The market itself is projected to expand 13 percent to $118 billion this year.

Facebook shares closed above $50.50 last week for the first time, as analysts pointed to the social network's online ad momentum, especially in mobile. The stock gained 1.7 percent Friday to close at $51.24.

"Our conversations on the conference floor suggest continuing momentum for Facebook, but also significant runway left," Goldman Sachs analyst Heather Bellini, who raised her price target to $58 from $52, told clients in a note.

That runway is being defined by the steady growth of online advertising, particularly in mobile, where Facebook has displayed impressive growth in the past year. Analysts also cite the promise of Facebook’s Instagram and of online video ads in general.

"Facebook is laying the foundation for a new video ad product, which we believe could be its next billion-dollar business," Jefferies analyst Brian Pitz told clients in a note.

He raised his price target for Facebook even higher, from $37 to $60. He did not foresee that Facebook must proceed with caution, given worries that video ads could turn off users.

"Facebook recently began testing auto-play videos in users' mobile news feeds," Pitz said. "When it does eventually launch its video product, the first videos will be user-generated content, and we won't expect to see video ads until the format has been refined over time. This strategy should get users comfortable with seeing auto-play videos in the news feed, likely minimizing user blowback when ads are introduced."

Bernstein Research analyst Carlos Kirjner was less upbeat about Facebook's video gains, saying in a note, "We believe the incremental revenue impact of News Feed video ads over the next 12-24 months will be small. … None of what we have heard so far gives us high conviction that video ads will create major upside to the current revenue trajectory in the next 12-24 months."

Still, Bellini of Goldman Sachs noted positive feedback from advertisers and marketers, saying "early adopters of Facebook advertising" pointed to "compelling success around in-feed ads and custom audiences as well as growing budgets."

"Those relatively newer to Facebook indicated growing interest and experimentation driven by the scale of Facebook’s reach, as well as its targeting options," she wrote.

Meanwhile, Google is seen maintaining its dominant position in the online ad market, thanks in part to the search giant’s gains with its popular YouTube service.

"Overall, attendees we spoke with indicated Google and YouTube remain staples in their marketing budgets," Bellini wrote.

Google shares edged lower by 0.2 percent to close at $876.39 on Friday. The stock has risen 24 percent year-to-date.
New construction, renovations take shape as target dates near

KEITH MATHENY
Detroit Free Press

DETROIT — Pharmaceuticals, caffeine, and items such as toothpaste additives have been found far and wide in the Great Lakes than ever before, according to a new study that also raises concerns about their levels.

The presence of pharmaceuticals and personal care products — or PPCPs — has previously gone largely unstudied in the lakes, according to a study published in October by researchers at the School of Freshwater Sciences, University of Wisconsin-Milwaukee.

"It’s alarming that the chemicals are so large, of course right by the discharge point you need to check for the most frequently," said Philip Gatton, director of Plant and Service Operations, for the Alliance for the Great Lakes. "We're scheduled to be open for testing this year."

Gatton said the Student Services building will be constructed by fall 2013, he said. That timeframe has been maintained, and the building is close to completion, Gatton said.

"We're scheduled to be open for homecoming weekend," he said. "We're putting the finishing touches on it, moving in furniture, final painting, cleanup, so it's moving along quite nicely."

The Student Services building will offer admissions, housing and financial services.

"During her State of the University address, Chancellor Rita Cheng said the building will help streamline campus processes such as the "Woody duffle," which all new student employees are required to complete. Once the construction is complete, Woody Hall will be renovated to create new room space for employees."

While some Woody Hall services such as graduate services and the financial aid and bursar offices will make the transition to the new building, others will stay in their designated offices. Rita VanEtten, Disability Support Services assistant director, said her office would stay put.

"DSS will not be moving into the new Woody Hall," she will remain in our current office," VanEtten said. "Many other offices are preparing for the move... the new building will facilitate offices that require more space for the students they assist."

The renovations at Pulliam Hall are also coming along as scheduled, Gatton said. Plans to restore much of the building’s electrical, mechanical and overall structural systems of the building, including the gymnasiums, were announced in 2012. The renovated area will partially be moved to use Art and Design students from the Blue Baracks to new studio space.

"We just finished the second floor of the gym," he said. "The pool has been filled in, a lot of the mechanical systems are put in, so we're on schedule to be open in fall 2014."

Upgrades and renovations to Abe Martin Field, soon to be known as the Richard "Ticky" Jones Stadium, are also set for completion early this year. Andy Pettit, athletic director of facilities, said the stadium is on schedule for its January 2014 completion.

"We're actually ahead of schedule a little bit," Pettit said. "We were by far the worst in the league. One of the worst regions, for sure."

The baseball stadium is the last sports field on campus to receive major updates and renovations, he said.

"It's really one of the last dominos in our row to knock over," Pettit said. "We were the glaring facility that was in dire need of repair."

Matt Danisky, Kareen Bogaert, Amanda Erll and Julia Coleman contributed to this story.

JOSHUA MURRAY
For Daily Egyptian

As the university’s construction continues, three major campus-wide projects have target dates for completion.

"It's an older campus," he said. "It's a campus built in the '50s and '60s primarily, so all those buildings are coming of age and they require a lot of maintenance, a lot of updates, and we've been fortunate we've been able to do a lot of that recently."

When Student Services building work began in 2010, completion was initially set for fall 2013, he said. That timeframe has been maintained, and the building is close to completion, Gatton said.

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The remark most focused on was this: “We cannot insist only on issues related to abortion, gay marriage and the use of contraceptive methods. ... The teaching of the church is clear and I am a son of the church, but it is not necessary to talk about these issues all the time.”

How were the pope’s remarks portrayed? The New York Times headline for its story about the interview read: “Pope Says Church Is ‘Obsessed’ With Gay, Abortion and Birth Control.” Not to be undone, the New York Daily News headlined: “Blunt pontiff tells flock to quit yammering about gay marriage, abortion and contraceptives.” Here’s CNN: “Pope Francis: Leave Gays Alone.”

There was also a cavalcade of social media postings. Daily Beast columnist Andrew Sullivan, an openly gay Catholic who had sneered at Francis’ predecessor, Pope Benedict XVI, for calling homosexuality an “intrinsic disorder,” tweeted ecstatically: “I am, I must confess, still reeling from Pope Francis’ new, lengthy and remarkable interview.”

Across Jane Fonda, who isn’t a Catholic but who obviously sees Francis as an ally in her perennial battle against Republicans, tweeted: “Gotta love new Pope. He cares about poor, hates dogma. Unlike US Congress. Curing $40bil from food stamps.”

Matthew Yglesias, a columnist for Slate, confessional in a tweet that he liked “a lot of this new Pope’s ideas, but still have serious doubts about the part where Jesu dies for my sins and rises again.”

Finally came the commentary. Yglesias’ Slate colleague William Safire wrote a 1,600-word column titled “Pope Francis Is a Liberal” and hinting that the pontiff was on the verge of ditching such Catholic doctrinal “mistakes” as papal infallibility and the ban on birth control.

NARAL, Pro-Choice America, the pro-abortion lobbying organization, posted an orange e-card on its Facebook page reading “Dear Pope Francis, Thank you. Signed, Pro-choice women everywhere.” House Minority Leader Nancy Pelosi, who has been denounced as “starting to sound like a nun” — a reference to American sisters who were censured by the Vatican for publicly challenging church doctrine and promoting “radical feminist themes incompatible with the Catholic faith.”

Ironically, many conservative Catholics, who disagree with liberals on practically everything else, actually agree with their archenemies that Francis is poised to radically alter the Catholic Church. A tweet from the group blog RotarE Caicl — so arch-traditionalist that its banner consists of a photo of the last pre-Second Vatican Council pope, Pius XII, who died in 1958 — asserted that Francis may be “the Successor of St. Peter” but “he’s not the owner of the Church or her doctrine.” On Fr. Z’s Blog, an Internet refuge for Catholics fed up with having to sing folk songs at Mass instead of Gregorian chants, a commentator wrote: “It’s insulting to be told we Catholics who are fighting against the great evils of the day are spending too much time on such things (you know, those mortal sin things) and apparently are mean curmudgeons who aren’t nice enough to people.”

In fact, Francis, as he made clear in his interview, isn’t likely to deviate from any aspect of traditional Catholic teaching. He reiterated that God doesn’t “condemn and reject” anyone, including gays, but loves them, is cognizant of the pain they feel and yearns for them to repent of their sins and confess them. The very day after the interview was published, Francis, in an audience with Catholic gynecologists, vociferously denounced abortion as a symptom of today’s “throwaway culture.”

But that is in some ways beside the point. The Catholic Church really is changing, although not exactly in the fashion liberals would like. The church is changing because the world itself is changing. The hegemony of the West, technologically advanced but in demographic, economic, cultural and religious decline, may well be over. The previous pope, Benedict XVI, was born and raised in Germany, and his high aesthetic and intellectual ethos may have represented the last gasp of that rich and self-confident Western European civilization, rooted in Christianity, that gave us Michelangelo, Shakespeare and Mozart.

Christianity is moribund in the European West. It is, however, robustly alive in the East and in the global South, as religion scholar Philip Jenkins noted in his 2002 book, “The Next Christendom: The Coming of Global Christianity.” And it is the Southern Hemisphere — Argentina from which Francis has sprung.

Francis is the first pope of the Next Christendom. At the moment, it’s not exactly a prosperous Christendom. It is, however, a Christendom that can turn out three million people to sleep in their cheap jeans and sweatshirts as they wait for Francis to say Mass on Copacabana beach.

These are people for whom gay marriage is a First World problem, and for whom abortion is a desperate measure born of shredded family life and crushing poverty, rather than a “my body, my choice” political cause. Francis was speaking to those people and for those people in his interview when he said that the church had to be more like a “field hospital after battle.” He was reminding us that nobody is worthless, and that even in these degraded times, Christianity offers hope for all — and, most important, forgiveness.

**Their Word**

**Misinterpreting Pope Francis’ words**

**CAROLLE ALLEN**

**LOS ANGELES TIMES**

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**Notice**

The **DAILY EGYPTIAN** is a “designated public forum.” Student editors have the authority to make all content decisions without censorship or advance approval. We reserve the right not to publish any letter or guest column.
Feet can feed

Aisha Ruperto, 8, of Carbondale, stretches Friday before the For Kids’ Sake Run and Walk-a-Thon fundraiser at Turley Park. The third-annual fundraiser, which featured a 10K and a 5K route, raised money to benefit schools and orphanages in Bangladesh. According to event coordinators, one runner’s $15-20 registration fee can feed a child in Bangladesh for two weeks.
Craft Shop volunteer Jeni Fields, of Carterville, stamps greeting cards Tuesday during the World Card Making Day at the Student Center. Fields said this is the Craft Shop’s first year participating in the event and that they were making greeting cards for veterans. “We are hoping to get about 30 cards made,” she said. The cards will be brought to the Marion VA Medical Center in time for Veterans Day.

ALEXA ROGALS | DAILY EGYPTIAN

‘The Simpsons’ to kill off character this season

MEREDITH BLAKE
LOS ANGELES TIMES

“That Simpsons” may be going strong in its 25th season, but a major character from the long-running animated series will soon meet his or her maker.

In a conference call with reporters last week, executive producer Al Jean revealed plans to kill off a character in the season ahead.

“We’re actually working on a script where a character will pass away,” Jean said. “I’ll give a clue that the actor playing the character won an Emmy for playing that character, but I won’t say who it is.”

“Simpsons” fanatics will know that this hint doesn’t exactly narrow things down. Nearly every member of the core ensemble of voice-over performers has won an Emmy, including Dan Castellaneta (Homer, Barney, Krusty), Julie Kavner (Marge, Patty, Selma), Hank Azaria (Apu, practically everyone else on the show), Nancy Cartwright (Bart) and Yeardley Smith (Lisa). Even a few guest stars have picked up Emmys for “Simpsons” appearances, including Anne Hathaway for voicing Princess Penelope and Kelsey Grammer for Sidekick Bob.

In other words, pretty much anyone could go. Death has come to Springfield in the past, most recently with the untimely passing of Maude Flanders, wife of the Simpsons’ preternaturally cheerful next-door neighbor Ned, who bit the dust after falling off a grandstand at the racetrack.

The 25th season of “The Simpsons” premiered Sunday night with a “Homeland” spoof guest starring Kristen Wiig. In the press call, Jean also teased some other highlights in the season ahead, including a “Futurama” crossover episode set to air sometime in May and a wedding, officiated by Stan Lee, for Comic Book Guy.

PROVIDED PHOTO

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All Faculty are cordially invited to attend

Fall Faculty Luncheon/Meeting

11:30 AM ■ Thursday, October 10, 2013
Student Center Ballroom B

The theme for this year’s faculty meeting is: “The Future of Higher Education” by Alan Phillips, Sr. Deputy Director, IBHE

RSVP to Faculty Senate at 618-453-5244
or thepresents@siu.edu no later than 3PM on Friday, October 4th to reserve a luncheon seat. Additional seating will be available for those unable to attend the luncheon but who would like to attend the meeting.

Vets get warm greeting
Despite ‘closed’ sign, veterans visit WWII Memorial

SEAN COCKERHAM
McClatchy Washington Bureau

Elderly veterans, white-haired and some in wheelchairs, found their path blocked at the monument erected in their honor.

A sign mounted on metal barricades outside the World War II Memorial announced: “Because the Federal Government SHUTDOWN, All National Parks Are CLOSED.”

But many of the more than 100 veterans surged past the barricades Tuesday, joined by members of the same Congress that couldn’t pass a bill to fund the government.

The veterans from Mississippi and Iowa came up to the Mississippi Mudcats. Richard Nugent of Florida and Louie Gohmert of Texas were among those involved.

It’s a sad day,” Palazzo said. “We’re doing our veterans a disservice not allowing them inside.”

House Republicans have insisted on repeal or delay of the new health care law in return for passing a bill to fund the government.

Donald Quinn, surrounded by bagpipers, rolled his wheelchair up to the Mississippi column at the memorial and laid a wreath in honor of his fallen comrades. Patrick McCourt, who does World War II re-enactments, greeted the veterans at the memorial, watched the scene unfold.

McCourt said he wasn’t impressed with either party in Congress for the partisan bickering that’s gone on.

“A pox on both their houses,” said McCourt, who served in the signal corps in Washington during the Vietnam War.

The National Park Service did not try to stop the veterans from entering the World War II Memorial. The agency doesn’t have a plan for what to do if veterans show up to visit memorials; Park Service spokeswoman Carol Johnson said it will be up to the park police how to react if there are similar incidents.

“I can say we always treat the veterans with respect,” Johnson said. “We will treat them with respect.”

The veterans from Mississippi and Iowa came on Honor Flights, which arrive nearly every day in Washington.

More than 3,500 Honor Flight veterans are scheduled to visit Washington this month, said Jim McLaughlin, the chairman of the Honor Flight Network, which is funded by donations. He said it’s too late to cancel the visit, which will bring veterans of World War II, Korea and Vietnam to Washington.

“Today they were able to get in and see the memorial,” he said. “We’re hoping the same will be true tomorrow.”

Johnson said visitor safety was a concern, since veterans who are trained in first aid and CPR are typically on duty at the sites.

The rangers also protect the memorials from vandalism, Johnson said. She cited an incident this summer in which a woman spattered green paint on Washington landmarks, including the Lincoln Memorial.

“People are very disappointed, they don’t understand why it is closed,” said Johnson, standing in front of the World War II Memorial.

“She would be true tomorrow.”

Johnson said she wasn’t being paid on Tuesday and that it would be her last day of work until there’s funding.

Cuba will let athletes visit with foreign leagues

ANNE-MARIE GARCIA
PETER ORSI
Associated Press

HAVANA — Could a new wave of Cuban baseball players be headed to the big leagues, if at some point my country would allow it,” said Yasmani Tomas, who is one of Cuba’s top talents, batting .345 last season with the powerhouse Havana Industriales.

Under the new policy, athletes will be eligible to play abroad as long as they fulfill their commitments at home, the Communist Party newspaper Granma reported. For baseball players, that means being available for international competitions as well as Cuba’s November-to-April league.

But American baseball fans shouldn’t throw their Dodgers or Rockies caps in the air in celebration just yet. The Cold War-era embargo against Cuba means it may not happen anytime soon.

“If it does come to pass, it could — astronomically, in some cases — the amount of money Cuban baseball players can earn. Athletes’ wages are not made public in Cuba but are believed to be somewhere around the $20 a month that most other state employees earn — a tiny fraction of the millions many U.S. big leaguers make.

“It’s the dream of many athletes to test themselves in other leagues — the big leagues, if at some point my country would allow it,” said Yasmani Tomas, who is one of Cuba’s top talents, batting .345 last season with the powerhouse Havana Industriales.

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THE Daily Commuter Puzzle by Jacqueline E. Mathews

ACROSS
1 Tramp
5 Subside
10 Silvers or
14 Word of
an agreement
15 Chocolaty drink
16 Finish last
17 Detergent
brand
18 Scratches like
an alley cat
20 And so forth:
21 Inaccurate
22 Wading bird
23 Water lily
25 Greek "T"
26 Wall bracket for
a candlestick
28 Woods
31 Bit of fabric
used to cover a
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33 Shapes
34 Also
36 Muscle
37 Infatual
38 En garde
39 Definite article
40 Black- and
white animal
41 Baggy
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43 Tiny T
44 Delicate
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of; meanwhile
47 TV’s Slue
48 Beef or ham
50 Activity center
54 Burn
57 Medico
58 Canvas shelter
59 Entree
60 Supposition
61 Likelihood
62 In the floor
63 Takes up

DOWN
1 Ahor
2 Leave out
3 Pajamas
4 Twenty —
blackjack
5 Accumulate, as
bank interest
6 Wild hogs
7 Plays a role
8 the line;
Oybay
9 Hearing organ
10 Bubonic
11 fatal epidemic
12 Sixty minutes
13 _ of_ Weight
14 In case
15 Hail on
16 Engraved
17 at —
18 suddenly
19 Mary
20 Rival;
Baby
21 Lincoln’s wife
22 Argument
23 Hidden supply
24 Hopping mad
25 Fortress; place of
security
26 Bread browned
27 After-dinner
28 candy
29 Ansient
30 Follow orders
31 Uncommon
32 Nickel or dime
33 Of; about
34 Britain’s dollar
35 Calo au
36 Coffee with milk
37 Diagrams
38 Auto seller
39 _ Star;
female outlaw
40 of the Old West
41 Hold —; save
42 Rex or Donna
43 Repair
44 Tabby’s cry
45 Secondhand
46 Deadly smoker
47 Hoyt and Jeff Knurek
48 NABTID
49 EARTOT
50 DIAMU
51 NIUSM
52 PLUSH PIXEL FATHOM WRITER
53 SUIT HIM
54 THAT SCRAMBLED WORD GAME
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Answer:

SOLUTION TO TUESDAY’S PUZZLE

Pick up the Daily Egyptian each day
to test your crossword skills

Aries — Today is an 8 — Don’t make promises you won’t keep. Friends teach you the rules. Work causes delays, so call if you’ll be late. A bird in the hand is worth two in the bush. Proceed with caution.

Taurus — Today is a 6 — Listen to all considerations before choosing direction. Changing fiscal priorities causes ups and downs. Work on the big picture first. Accept fringe benefits as partial payment.

Gemini — Today is a 5 — Use your intuition. Talk leads to opportunities. Look at your situation from a higher vantage point. Be a stabilizing influence. Don’t push yourself too far too fast.


Leo — Today is an 8 — Private conversations boost efficiency. Sort out any disagreements, especially about money. Otherwise, it could get confusing. Consider suggestions first. Then urge someone into action.

Virgo — Today is an 8 — All isn’t as it appears. Be careful. Figure out what needs to be done. You come up with a better idea, and save a ton. Put your will into creative projects. Postpone chores. Record the muse.

Libra — Today is a 7 — Go for solid results. Blend creative ideas into a plan. Your limits get tested. You tend to overestimate your powers and under-budget your time. If you’re late for a date, text or call.

Scorpio — Today is a 6 — Keep your objective in mind. Conserve resources. Know what you’re talking about, but don’t tell everyone. Listening can be more powerful than speaking. Work extra hard now.

Sagittarius — Today is a 6 — Friends are right there for you. Suspend disbelief. Confirm reservations. Keep the money in mind. Don’t tell the whole story yet. Be patient with things that don’t make sense.


Aquarius — Today is a 6 — Your hunches get challenged. Talk is cheap right now. Hold on to your money. There could be a conflict with a competitor. Discuss an impending change with your teammates.

Pisces — Today is a 7 — Check instructions for errors or changes. It could get chaotic. Listen to someone who confuses Work. Gets profitable, so pour on the steam. Be gracious even if unwanted.
Penn State meets Indiana in game of fast tempos

JOE JULIANO
Associated Press

Penn State often likes to play offense at a fast tempo, a style that coach Bill O'Brien calls "NASCAR." Indiana also prefers a speedy tempo, though that offense doesn't seem to have a catchy name.

But O'Brien is perceptive enough to know that speed can hurt his team.

"If a team can take a step on you, he is run you over, and then if he gets a step on you, he is flying out of the gate. So he has a really good head coach or offensive coordinator." he said. "Quite a few of our conference foes will be at the Missouri State tournament and we’re looking for a strong finish there," she said.

Tyler Dixon can be reached at tdlson@dailyEgyptian.com or 536-3311 ext. 269.

Penn State’s running attack will face a challenge Saturday when it faces an Indiana defense that is third in the nation with 44.5 points and 746 rushing yards in five games.

"The coach is going to pay attention to how heavy his foot will be on the gas pedal during the game. You have to gauge tempo, how is the game going," O’Brien said Tuesday at his weekly teleconference.

"You don’t want to put your defense in bad situations where they’re just been out there and you go up-tempo, and it’s a 30-second drive, you’re three (plays) and out, and your defense is right back out there. That’s not being a very good head coach or offensive coordinator.

In case you were wondering, O’Brien is the offensive coordinator for Indiana.

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"We thought that we were the right place for him," Newton said. "He has always been a fan of the University of North Carolina, and it was once his dream to play there, but it eventually came down to SIU or the University of Cincinnati. SIU’s better offer and close proximity won out, and he chose to become a Saluki.


"That was a moment that was truly special for a father and a son to spend together," Len Novara said.

"We have that ability to shoot low scores every day because he is a talented local golfer," Mihelich said.

"Her ball striking is excellent. She hits it really hard and far and is really good with her irons," Mihelich said.

Grimes finished in third one shot behind Cassie Rashing. All Salukis finished tied for 23rd or better.

"It was two beautiful days, three rounds of great golf," Grimes said.

SIU hopes to sustain this momentum for two weeks until they head to Springfield, Mo., for the Payne Stewart Memorial hosted by Missouri State University.

"You see a lot of golfers who occasionally. He said coming from the local area gives him an enormous amount of pride for his hometown and the people he has met at SIU.

Aaren Graf can be contacted at Agraf@dailyeveryday.com or (618)-536-3311 ext. 282.

"You have to gauge tempo, how is the game going," O’Brien said Tuesday at his weekly teleconference.

"You can’t allow averages of 465 yards and 33 points. We haven’t found that last play that we need to carry us over, and that’s what we have to find."

If a few plays throughout the season went the Salukis’ way, they would be looking at a 4-1 record and not a 2-3 record facing virtually a must-win.

"There is still a lot of football to be played this season, and Lennon said his team must remain resilient.

"Nobody has thrown in the towel," he said. "If anything, I think this team has shown that they have that fighting spirit. The best thing for us in that we have another opportunity to show that we are a good team against South Dakota State.

Tereance Peacock can be reached at tpeacock@dailyEgyptian.com or 536-3311 ext. 256.

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Women’s golf finds rhythm

Novara keeps his heart close to home

AARON GRAFF  Daily Egyptian

Sophomore men’s golfer Drew Novara grew up in Murphysboro, and ultimately opted to stay closer to his family and to show more pride for the region were he grew up.

Novara said when he was a child everyone on his mom’s side of the family loved to golf; especially his late grandpa, Robert Streuter. Novara said Streuter was his biggest inspiration for golf, and he wishes he could golf with Streuter.

“Every time I go and talk to a member at the golf course, they say, ‘Man, your grandpa would sure be proud,’ and they talk about how much he loved golf and loved his grandson,” Novara said. “I’d say he’s up there watching out for me for sure, and he’s got to be my biggest inspiration.”

Len Novara, Drew’s father, is the athletic director of Murphysboro High School, and encouraged Drew to be involved in sports since he began walking. Len said Drew originally expressed interest in baseball, but a tug injury in high school made him rethink the sport, with his doctor recommending a set of golf clubs instead. The next day, Drew was fitted for clubs, and Len immediately noticed Drew’s talent. “From the very first swing I ever saw from him, there was a consistency that to me, not being a golfer, certainly seemed like something that was out of the ordinary,” Len Novara said.

Novara’s talent made him an ideal future Saluki. SIU men’s golf coach Len Novara was aware of him since his freshman year, and heard about his talent from other golf coaches in the area. Where it came time for Newton to recruit players, Novara was one of his top picks.

Please see NOVARA | 11

Secondary off to rocky start

THE EXTRA POINT

WITH TERRANCE PEACOCK

TERRANCE PEACOCK  Daily Egyptian

So far this season the Saluki offense has been on fire, but the defense has a little catching up to do.

The Salukis are third in the Missouri Valley Conference and tied for 30th in the nation in total offense with an average of 444.2 yards per game. However, the Salukis have given up an average of 296.8 passing yards per game, which is 114th in the country.

Quarterbacks have been able to feast off of SIU’s secondary this season. The Salukis are giving up too many completions downfield and have failed to come up with a big stop when they need it most.

Twice this season the Saluki defense has allowed a quarterback to throw four passing touchdowns in a single game.

SIU is surrendering 27.8 points per game this season, and although the offense is averaging 33 points a game, it’s hard to beat quality opponents when the opposing offense is putting up almost four touchdowns per game on the defense.

Coach Dale Lennon said the defense must improve.

“We talked about it on Sunday, and the thing that was disappointing was the short yardage defense on Saturday and how we weren’t able to get the stops when we need them,” Lennon said. “We just have to be more sharp on assignments and have confidence in what we’re doing.”

Although the passing defense has not been up to par with Lennon’s expectations, the running defense has performed at a high level through the season’s first five games.

Please see EXTRA POINT | 11