#  

HUMAN WAR 4

## Another Professor Wins Patent



This is the second patent in less than a year for YSU，with Tom Oder，professor of physics，winning a patent in 2014
for an invention that improves the performance of semico for an invention that improves the performance of semicon－
ductors．
For Interim Provost Martin Abraham，YSU achieving patents is a tangible sign of things to come． ＂YYSU＇s patent winning projects］just demonstrates the success we continue to have in our research and proves why
it＇s important for us to focus in that area．WWe＇re pleased to its important for us to focus in that area．We＇re pleased to
see it develop，＂Abraham said．＂Most of the research activ－ ity we＇re seeing awards for now began five or six years ago， so the research we＇ve continued to do since then is going to continue to generate more patent activity and more opportu－
nities over the next several years．This is not going to be our last patent，＂ Kurrent reseseay be fulfilling Abraham＇s predictions as his current research continues to focus on improving solar panel
technology，this time focusing on energy conversion efficien－
cy issues due to high temperatures．In other words，ensuring that when the panels get very hot－which they will－thei ability to produce energy isn＇t drastically cut due to the tem－ ratures．
＂I am exploring ways to increase the energy conversion ef ficiency of solar panels by cooling the panels so their surfac temperature does not exceed 130 degrees．Hot，sunny days can
raise the surface temperature to 165 degrees，reducing the ef raise the surface temperature to 16 degrees，reducing the ef
ficiency of the panels ．．．by as much as 50 percent，＂Kuda said．＂Preliminary research I conducted with the assistance of graduate student ．．．led to the conclusion that active cooling of solar panels is the most effective means to control the surface temperature．＂Kudav said．

The patent for the deflectors was awarded earlier this spring and served as the culmination of a seven year resear
and development process for Kudav and his team．

## YSU Remembers Students and Alumni Killed in Active Military Service

GRAIG GRAZIOSI



## Students Help YPD Revitalize Dead Beats

## JUSTIN WIER

A group of Youngstown State University students are involved in help． ing the Youngstown Police Department develop new beats for their of ficers to patrol．
Thomas Wakefield，a professor in the department of mathematics and
statistics，obtained a grant from the Mathematical Association of statistics，obtained a grant from the Mathematical Association of America The purpose of
or government agencies and together provide students local businesses work on real－world math problems．This provides students with a hands－ on experience doing work similar to that of mathematicians outside of
academia He contacted the Youngstown Police Department to see if they could conduct mathematical research in a way that would benefit the department． ＂TThere］was this problem of the unequal workload among police beat
in the city of Youngstown which has been growing over the past decad in the city of Youngstown which has been growng over the past dects to
or so．And they thought it would be a suitable problem for our students tackle，and I thought so too，＂Wakefield said．
Kevin Mercer，a captain in the Youngstown Police Department，said the current beats were established about 15 years ago
＂Crime patterns and trends and call volume
＂Crime patterns and trends，and call volume and census tract data with it＇s just retracking that and redistributing the workload to make sure that all 13 beats are equally sharing the work across the city ．．．［and］to see if we can fealign them to get a quicker resp，
location of the beats and boundaries＂
The students obtained a

Youngstown Police Department and analyzed that data to see how exten sive the problem was．They reviewed previous research that had been don and used that as a guide as the developed their own model ＂Its a really neat model，＂Wakefield said．Its a cllular growth type
model where they plant a seed where they want a beat to grow moder where they plant a seed where they want a beat to grow，and they let
the beat grow until the workload reaches the capacity that it needs to te The students presented the results of their research to the departme during finals week．
Ashley Orr，Student Government Association president and a partici－
pant involved in the process said pant involved in the process，said this
that students don＇t always experience．

VETERANS
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## NEWS BRIEFS

YSU Offers Free Business Seminar to Veterans

On Wednesday June 24, a
free seminar for veterans who are considering starting, develop-
ing or growing a small business will run from 8 a.m. to $4: 30$ p.m. It will be in Room 3423 in the
Williamson College of Business Williamson College of Business
Administration and lunch will be Administration and lunch will be provided. The seminar is open to
veterans, active military and their spouses. To register, visit www.

Lit Youngstown Offers Summer Creative Writing Workshops

Lit Youngstown, a non-profit writing workshops available for adults and teenagers during the summer. Courses include Playwrighting for Beginners Work-
shop and Writing The Short Story shop and Writing The Short Story and See Me for teens Classes un once per week for six weeks and cost $\$ 25$ for six sessions. For more information and to register, visit https:///ityoungstown.word

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mportant with academic tant that what we're doing actually has policy implications," Orr said. "And that's what the opportunity to meet with the police officers al lowed us to have."
In addition to met with tepresentanives $d$, ing the course of the semester well, which allowed them to get feel for the officers' experiences. "There's even that anecdotal side," Orr said. "The data is telling us one thing in an empirical sense
[For instancel the data is telling [For instance], the data is telling us
there's this unecual workload in beat 109 . So from the anecdota side, is the word in the YPD th beat 109 is terrible? Because if is, then we're confirming our suspi cions. And at the same time we're not letting the theory be the only guide to our research, but also what
[the officers] are seeing in the field." She said it also gave the stus an opportunity to practic explaining highly technical research to an audience that doesn't do mat everyday in a way that still mak sense.
"I thin think that's an important skill set that Dr. Wakefield really hon Mercer said the departmen has taken the beats as proposed by the students and fine-tuned the boundaries. They intend to reana lyze the data to make sure it didn
affect the call volume. Ultimately he is happy with the work the students have done.
"We should definitely be push Mercer said. "I think it's definitel something we can do. It probably
won't happen this year, just bewon't happen this year, just be
cause we have some more analytical work to do." He said the union also requires a process in which all officers bid on their beats annually.
it, retrain the guys in the fall on the new beats, redo our computer sys tem - because our computer pulls up the location it gives the beat to
the dispatcher so they know whi car to send - by the time we do
che all that we should hopefully b ready by January 1 if we're going

Journalism Program Moving to Bliss

JUSTIN WIER

## The Anderson Program in

 Journalism at Youngstown State University will be relocating from its current home in the Department of English to the Department ofCommunications as of Jan. 1, 2016. This will move the progran from the College of Liberal Arts and Social Sciences to the College of Creative Arts and Communic
tions. tions.
Martiu Martin Abraham, interim pro-
vost at YSU, said the decision came after intensive conversations within both programs and colleges. "We spent a lot of time over the
course of the spring semester get tourse of the spring semester get-
ting input - trying to understand
the advantages the advantages and disadvantagages, the opportunities it would bring-
and reached a consensus that this and reached a consensus that this
was the right thing to do on behalf was the right thing to do on behalf
of the journalism program," Abra ham said.
Adam Earnheardt, chair of the
communications communications department,
posed the change to Abraham. posed the change to Abraham.
Earnheardt said they were ing replication in terms of courses ing repication in terms of courses
and resources required by students in the journalism program and the
communications department communications department.
"We thought that if studen are asking for the same things and are asking for the same things and
needing the same or similar skill-
sets sets, that combining these course or offering access to courses under
one roof would help to alleviate one roof would help to alleviate
some of that replication," Earnheardt said.

He also thought it would improve outcomes for students in
both fields. both fields.
"The tele $\qquad$ ies students on our side were miss-
ing some skills that we though
$\qquad$

Among those gathered to watch the event was
President Jim Tressel, who expressed disappointment at only one aspect of the occasion.
"I really wish we could have done this during the school year when more students are on camwouldn't have the good fortune we all have now


VETERANS
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tunately, you can only fit so much into a school year, Iressel said. "It's important we remember 400 veterans we have currently enrolled here as best we can."
YSU finis

YSU finished the construction of a Veterans Resource Center on campus and is one of the only
universities in the country to have such a


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## EDITORIAL

## Pelini's Pay Cut Matters


#### Abstract

We at The Jambar haven't made life any easier for Penguins' head coach Bo Pelini. Pelini. We've called for him to attend Safe Zone training - which he still should Zone training - which he still should University's wisdom in hiring him, we question the wisdom in hiring his brother and we were critical of the hiring of his colleague Ron Brown, who has since left for more comfortable climates at Liberty University As journalists, As journalists, we want to be objective as much as possible and in the rare as much as possible, and in the rare occa- sion when we get to voice our opinions - such as an editorial, like this - we go all out. That is why we have to come out against naysaying Pelini's decision to take a pay cut. To bring everyone up to speed, Pelini has decided to take a $\$ 65,000$ pay cut to his four-year contract with YSU, citing his four-year contract with YSU, citing President President Jim Tresse's decision to take a pay cut of his own as the inspiration for pay cut of his the decision.


Some have looked at this and said
" $\$ 65,000$ for someone making $\$ 213,894$ " $\$ 65,000$ for someone making $\$ 213,894$
as a base salary with another $\$ 128,009$ as a base salary with another $\$ 128,009$ a
month coming from his buyout at Nebraska is a drop in the bucket!" Sure, $\$ 65,000$ isn't going to hurt Pelini. He can still live like a king in Youngstown.
But $\$ 65,000$ is But $\$ 65,000$ is $\$ 65,000$
That's a significant amount of money When former Penguins head coach Eric Wolford's contract was bought out tifiably - upset at the $\$ 100,000$ it would cost the school during a time when the faculty didn't even have settled contracts. Currently the Association of Classified Employees - the union comprised of YSU's secretaries, groundskeepers and other employees - is in a contract battle of their own and facing layoffs. And we have another university emsignificant size for no discernable reason other than helping the university. People are still criticizing his decision.

We doubt Pelini is doing it to garner
sympathy. He doesn't seem to care that sympathy. He doesn't seem to care that much about what people think about
him. As the head football coach, it's unhim. As the head football coach, it's un-
likely he'll win over the faculty, regardless of his gestures. He doesn't need to win over the public because the public loves football and thus loves him. So maybe he is just doing it to help out the university that took a chance on him. That being said, we also doubt that $\$ 65,000$ is going to go directly to alleviating the current struggle in which the ACE
union members are currently embroiled We hope it does, but werere not holding our breath. But that's not Pelini's fault. That's on the Board of Trustees. If they want to funnel it back into athletics so the football program can buy another Jacuzzi, that's on them, not Pelinin. The fact that our culture seems to value athletic spectacle over academic advancements is unfortunate, but again,
not Pelini's fault. He makes the money he makes because the thing he's good at
is in high demand.
He can't change our culture, and he can't force the Board of Trustees' hand It's really absurd to hold him responsible for either. What he did do is something positive with what power he does have; h decided to give back to YSU something it desperately needs - money. We know we'll probably upset som of our biggest fans by taking this positio and that's OK because theyll forgive us makers' feet to the fire on other issues. Barring Pelini getting some secret kickback for his decision to take a pay cut - maybe he's getting the adminis tration to change the name of the Wat on and Tressel Training Site to Jim and Bo's Football Factory, who knows - w think what he did was a good thing and we challenge the powers that be to use that work behind the scenes to make this school a great place for the students who pay to be here.

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## Youngstown's Human War

rapid change the US was taking - from the end of the Vietnam War, the shootings at Columbine, the falling of the Twin Towers on Sept. 11, 2001 and the decision to go to war in 2003. He explains that although his feelings are accurately portrayed in both the book and the movie, he still feels strange about revisiting portrayed in both the book and the movie, he still fer
 "It was very scary and weird. 'The Human War' is very much about my life in 2003 and the movie wasn't finished till 2013, so it was 10 years after," Cicero said. "It was like re-watching my life all over again ... When I wrote 'The Human War, I was 22 -years-old living in my par ents house in Vienna, Ohio. I don't think I had a job or anything. It has been 12 years since then and a lot has happened.
Kalayeh said that after reading Cicero's novella, he had persistent recurring dreams about "The Human War" as a film, claiming he could see stills of the movie as if it had already been made. He contacted Cicero shortly after requesting to purchase the rights to film. The two met in the Youngstown Denny's and produc tion for the movie began.
Shooting the film in the area that was written about in the story was important to Kalayeh.
"I wouldn't have done the film if we didn't shoot in Youngstown ... The landscape is just streets I loved the beauty of the downtown Main Street and the Yankee Kitchen and Royal Oaks ... I remember driving around taking pic tures with Noah. In my head, I could already see the main character ... driving around just like we were. Suddenly, you realize there's no where else you could make this film," Kalayeh said. "Then Noah raises the stakes even higher 'You gotta make this film, he tells me. No one else but you can do it.' Then, just like that, I agree. Youngstown is a special place. Like Noah,
it's personal and real. That's why I wanted to it's personal and real. That
shoot there. I trusted that."
shoot there. I trusted that.'
Tickets for The Little Youngstown Cinema's screening of "The Human War" can be purchased for $\$ 8$ at littleyoungstown. screening of "The Human War" can be purchased for $\$ 8$
com or for $\$ 10$ at the door or at Joe Maxx Coffee Company.

# Party on the Plaza - Youngstown is not a Ghost Town 

GABRIELLE FELLOWS
gfellows@student.ysu.edu
bar and people were having trouble getting to us because there was so many people," Frye said. "We're working on having two
entrances, so the line isn't wrapped around the parking lot again.
dally around 10 p.m. I see everyone out, and by everyone I mean I probably
On May 15, Warehouse 50 was packed with people, both inside of the bat and crowding the outside patio, for the first Party on the Plaza of summer.
Warehouse 50 fenced off a large
amount of sidewalk outside of their build amount of sidewalk outside of their building that connected to the indoor bar. Pa-
trons could freely travel between the outtrons could freely travel between the out
side patio and the indoor space, where a side patio and the indoor space, where a
variety of food and drink specials were offered throughout the night.
Youngstown's House Band played live music from 6 p.m. to 11 p.m. Music was then played through the stage speakers and a dance floor opened up outside for the remainder of the night.
Sammy Frye, a bartender at Warehouse 50 and student at Youngstown State University, said that she wasn't surprised that
Party on the Plaza was such Party on the Plaza was such a success.
"... We had a huge crowd around The outside bar and plaza were packed around 10 - and by packed, I mean you couldn't move. I was behind the outside was insane!"
Frye also said that each Party on the
Plaza will be as different Plaza will be as different as the new Ware
house 50 building that is hosting them house 30 building that is hosting them. ing to Warehouse 50 and Party on the Plazas. We have different bands playing, and
we have up-and-coming we have up-and-coming
artists from around
the the area also getting some stage etime,",
Frye said. "Ve have brand new management and staff, new specials
during the week during the week with food since we
have a brand new have a brand new
menu and brand new menu and brand
patio outside." patio outside."
Party on the a success because it creete space where friends could gather


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event.
"I think Party on the Plaza really defies the no-
tion that Youngto tion that Youngstown is
a ghost town. I love it be a ghost town. I love it be-
cause it's a chance for me to catch up with people to catch up with people
that I haven't seen since that I havent seen since

we all went our sepa| rate ways," Sokol said. | $\begin{array}{l}\text { Warehouse } 50 \text { on Facebook, Twitter and } \\ \text { Instagram. }\end{array}$ |
| :--- | :--- | :--- |

