

## INTO provides support for international students

Partnership creates  
inclusive environment,  
access to opportunity

By EJ Albaugh  
Practicum Contributor

For international students traveling abroad in search of a better education, having a safe and inclusive place to build their future is imperative, and OSU happens to stand out in that regard.

With inclusivity being a focus at many Universities across the country in the past few years especially, OSU offers programming, opportunities and resources for all students.

One program in particular that promotes inclusivity for international students is INTO OSU.

With resources and staff devoted to the success of international students and those with cultural and language barriers, INTO OSU is a program that sets OSU apart from other universities.

OSU is one of only eight universities in the U.S., and one of 19 in the entire world to be partnered with INTO University Partnerships Limited (INTO), the Global education partnering organization.

This program attracts over 12,000 international students each and every year from all over the globe, solely for the purpose of giving them a better education in the U.S., U.K. and China.

In 2008, INTO partnered with OSU, and a small startup team combined with the long standing English Language Institute to create INTO OSU.

"I think what has happened at OSU has happened at a lot of places around the country," said Student Experience Director Julianna Betjemann. "The difference is, our partnership has created so much more support for the students."

From their beginnings in 2008, the organization has created more than 50 jobs, and has now grown from 200 to 1200 active students and immersed into both the culture college life in Corvallis.

Once admitted, INTO OSU allows international students to begin a course pathway — set list of classes that promote English language learning, while also developing basic skills and giving extra cultural support for their major transition, keeping them on track to becoming degree-seeking students.

These pathways can lead to many degrees, and have specific requirements for moving from the pathway to ensure that students' English skills, as well as others, are up to par and evolved to the point of success in achieving an OSU degree, according to Betjemann.

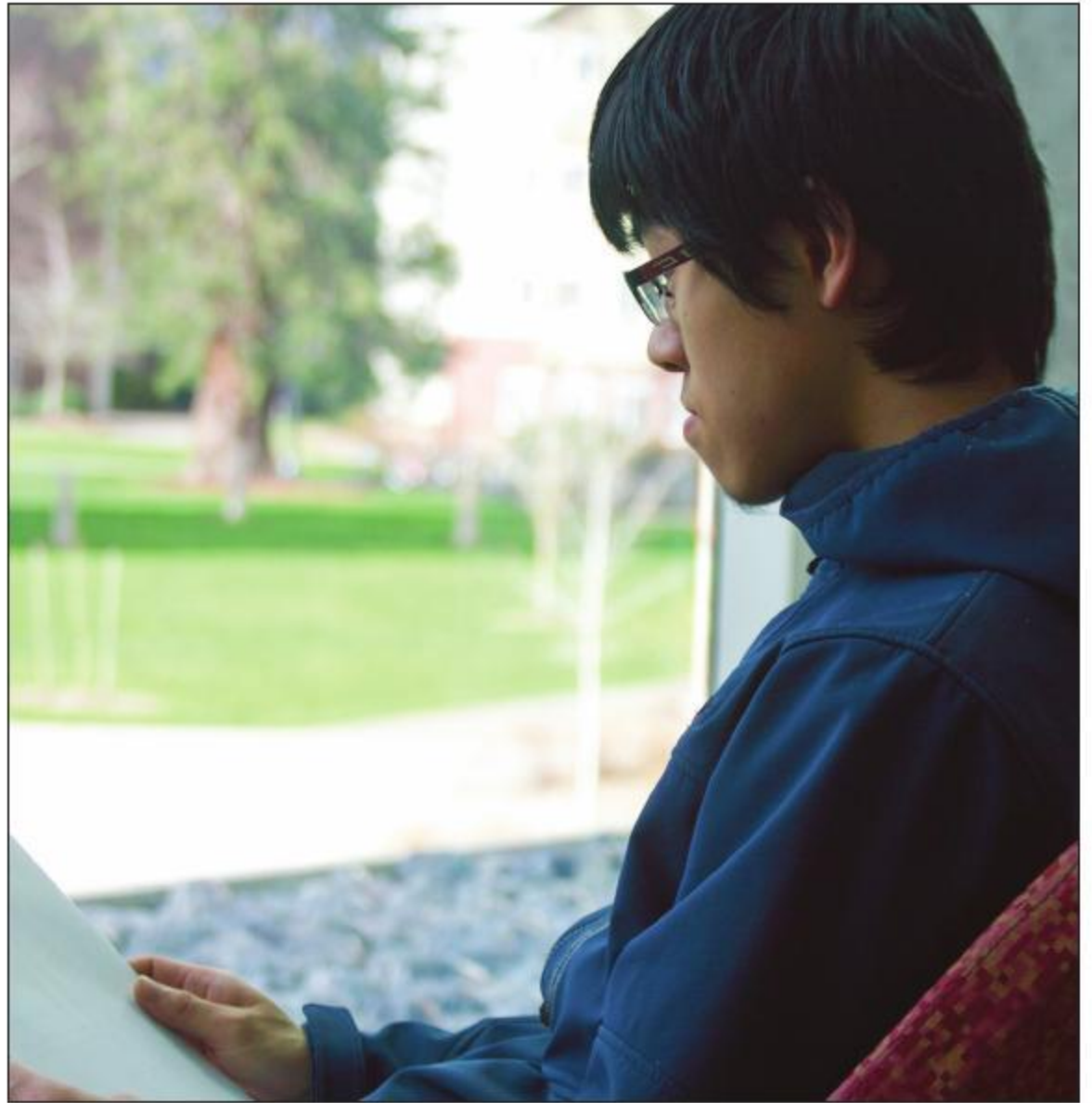
Betjemann said that one of the main challenges that students face when studying abroad is the language barrier, because it affects their abilities to understand the people around them, making their immersion into the new culture even harder than it already is.

"It is a national discourse about inclusivity, safe learning spaces, and [...] how different students learn differently," Betjemann said.

INTO OSU provides them not only with opportunities for English conversation exposure and language learning, but also with basic living tips and tricks like differentiating when you go to the health center versus when you go to the Emergency Room. Situations like this can be lost in translation and could be dire if not taught correctly. To combat this problem, INTO OSU creates handbooks, as well as paid positions, that support specific language-speaking groups.

"We're able to offer students language support during their first year, without slowing down their time to graduation which didn't use to be possible," Betjemann said.

One position aims to help students who speak primarily Chinese to understand the advising process, something that is not common in Chinese Universities, as well as teaching them the basics of the English language.



“We’re able to offer students language support during their first year, without slowing down their time to graduation, which didn’t use to be possible.”

Julianna Betjemann  
Student  
Experience Director

This is especially important to OSU's newly hired Chinese Language and Culture Advisor, Yiwei Zhu, as she knows this experience all too well.

"In China we have a different education system, so, for example, we do not have academic advisors or a lot of the resources OSU provides at Chinese Universities," Zhu said. "This is new to Chinese students so I really appreciate that INTO OSU has hired me to help the students."

INTO OSU has academic programs that focus on different areas of academia, all centered around making the OSU academic transition from their original schooling, to schooling in America.

According to interim Director of Academic Programs Elena Sapp, policies like Academic Dishonesty can be difficult to translate and understand when there is a language barrier, so the language and academic resources come together to help them as much as they can.

"All of them come from different cultures that have different understandings of what [academic honesty] is," Sapp said. "We provide this educational piece, which is a really big piece of what we do."

Making sure international students know all of the resources

offered to them is one of Betjemann's biggest goals. Betjemann believes that when utilized to their full extent, these resources can help students find clubs, organizations and even teams to be a part of while here at OSU.

"We are always looking for partnerships with colleges," Sapp said. "We are looking for different types of partnerships [...] on all levels, academic level, student services level, support level."

With INTO opening a new office in Latin America, OSU may be offering academic opportunities to a new influx of students from that part of the world very soon.

I don't think it's hard to convince people to come to OSU," Betjemann said. "I think OSU sells itself."

According to Betjemann, it is not unrealistic to assume that Initiatives like INTO and President Ray's new Diversity position will become a norm at universities across the nation.

"OSU is in a beautiful time and place right now with the commitments the president has made, the effects of the Student SpeakOut, the creation of the Chief Diversity Officer position" Betjemann said. "It just makes it so exciting to be at OSU and I think those efforts will benefit international students."

baro.news@oregon.state.edu



BRAD ANDERSON | THE DAILY BAROMETER ARCHIVES

(TOP) Sophomore Jialu Gu, an engineering major studying for midterms inside the International building. (BOTTOM) The International building offers students a place to relax, and study in between classes.

# THE BLOCK

## Calendar

### WEDNESDAY, May 11

**Meeting**  
12 p.m. - 1 p.m. Death Café Corvallis  
Location: 26th St. Beanyery, 2641 NW Monroe St., Corvallis OR  
Death Café Corvallis is simply in order to listen and talk about death. Death Café Corvallis is NOT a support group, therapeutic agenda, debate society, social action group, religious or anti-religious organization, political committee, or sales pitch.

**Event**  
5:30 p.m. - 7 p.m. Campus Recycling  
Location: 644 SW 13th St. Corvallis, OR 97333  
Spring Repair Fair: Bring your broken items and volunteers will help you learn how to repair your belongings; attend demos to learn more skills!

### THURSDAY, May 12

**Discussion**  
12:30 p.m. - 1 p.m. Baha'i Campus Association  
Location: Talisman Room; Memorial Union 106  
Discussion Topic: The Nature of a Global Commonwealth

### SATURDAY, May 14

**Event**  
7 p.m. - 10 p.m. Red Letter  
Location: Interzone (1563 NW Monroe Ave., Corvallis, OR 97330)  
The Carys, The Macks, and Red Letter bring rock music back to Corvallis! All-ages, FREE admission.

### SUNDAY, May 15

**Event**  
5 p.m. - 8 p.m. Ettihad Cultural Festival 2016  
Location: Memorial Union Quad  
It's a great opportunity for the both OSU and Corvallis community to experience the dynamic and diverse cultures of the region of Southwestern and Central Asia, as well as Northern Africa.

### MONDAY, May 16

**Speaker**  
6 p.m. - 8 p.m. ASOSU  
Location: MU 206  
During this event students will learn about credit, how to get it, and why you should care. Refreshments will be provided

### WEDNESDAY, May 18

**Meeting**  
6 p.m. - 7 p.m. Death Café Corvallis  
Location: 26th St. Beanyery, 2641 NW Monroe St., Corvallis OR  
Death Café Corvallis is simply in order to listen and talk about death.  
**Event**  
7 p.m. - 8 p.m. Home Life  
Location: Majestic Theatre  
Artistic and memorable films featuring people with developmental disabilities. Two FREE screenings at 4pm and 7pm.

### WEDNESDAY, May 25

**Meeting**  
12 p.m. - 1 p.m. Death Café Corvallis  
Location: 26th St. Beanyery, 2641 NW Monroe St., Corvallis OR  
Death Café Corvallis is simply in order to listen and talk about death. Death Café Corvallis is NOT a support group, therapeutic agenda, debate society, social action group, religious or anti-religious organization, political committee, or sales pitch.

### For Rent

2-5 BEDROOMS, townhouses and houses, 2-5 blocks from campus, walk to class. www.pprw.com. Lease now for next year.

### Summer Employment

**Wildland Firefighters- Exciting job fighting Forest Fires!** 18 years old & drug free. Apply: Tues-Thurs. 9am-2:30pm. 1322 N 30th St. Springfield OR. You must bring two forms ID for federal I-9 form (541) 746-7528 www.patrickfire.net

### Summer Employment

OSU WHEAT RESEARCH IS HIRING students for full time summer work. Must be 18, work outdoors, and travel. Contact: Mark.Larson@oregonstate.edu apply at <https://jobs.oregonstate.edu/postings/search> Posting number: P00855E.

### Summer Employment

Summer Employment: Summer help on grass seed farm. Seed warehouse/equipment operator. Call 541-753-5615

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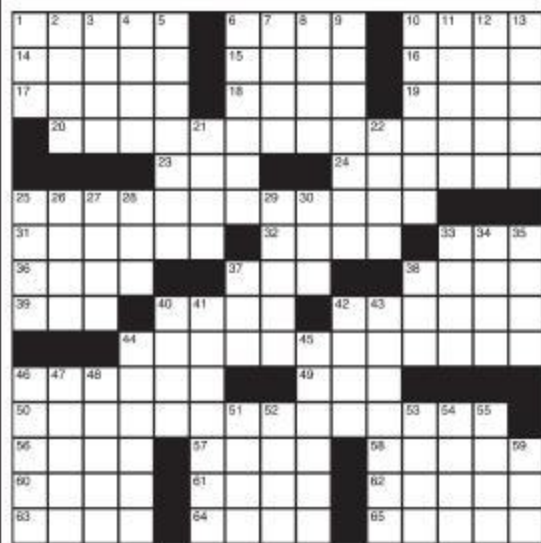
## Today's Crossword Puzzle

**Across**  
1 See 16-Across  
6 Haunted house sound  
10 Females  
14 Soul singer Baker  
15 Convention center event  
16 With 1-Across, Kentucky Derby drink  
17 Humongous  
18 "\_\_\_ we forget"  
19 Hold 'em fee  
20 Keep tabs on a shipment  
23 Coop group female  
24 Favorable rise  
25 Some briefs  
31 Except if  
32 Crimp-haired critters  
33 Elbow poke  
36 Party lacking ladies  
37 Roadside retreat  
38 "Out of the way!"  
39 Help for one stuck in a rut, perhaps  
40 Mortgage change, briefly  
42 Bach's "Mass in \_\_\_"  
44 Shrewd bargaining  
46 Snap out of it

49 DVR button  
50 1937 Marx Brothers film \_\_\_ and, based on words that begin 20-, 25- and 44-Across, this puzzle's title  
56 Golf standout McIlroy  
57 Furniture chain that sells Swedish meatballs  
58 Like a gift of chocolates  
60 Small jazz group  
61 What one often wears out?  
62 Went berserk  
63 Isaac's older son  
64 Once-sacred snakes  
65 Live and breathe  
22 Drops (out)  
25 Barely  
26 Not fooled by  
27 Tiger's gripper  
28 Beer barrel  
29 '20s-'30s skating gold medalist Sonja  
30 Part of BYOB  
33 "Both Sides Now" singer Mitchell  
34 Door-to-door cosmetics seller  
35 Arctic hazard  
37 Things up in the air  
38 Prefix with term or town  
40 Membership list  
41 Steamy writing  
42 Fictional fox's title  
43 Ghoulish

### Friday 5/6/16 puzzle solved

44 "Past!"  
45 Springs for lunch  
46 À la \_\_\_  
47 Clean-out-the-fridge warnings  
48 "West Side Story" love song  
51 Boxer's stats  
52 Sloppy stack  
53 Persuade gently  
54 Former soldier, briefly  
55 Lays eyes on  
59 Outlawed pesticide  
L A T H S T E D B O L T S  
E L I O T A L E C H O R E  
B L E W A F U S E C D R O M  
S C E N E R Y A N T I  
E P I T H E T O G R E S S  
G A S H E D B B K I N G  
E L L A S P R E E S R N A  
S E E T O E A R T O E I N  
T O O B O A S T S F E N D  
F A I N T S H E F N E R  
P A W N E E S I N C E R E  
O K I E L E T M E G O  
S I G M A R E A D A L O U D  
E T H I C M A R G O R S E  
S A T A T A R T E R E C T



### Down

1 Car with a cat logo, briefly  
2 Self-storage compartment  
3 "Tell me the truth!"  
4 Sicilian volcano  
5 Quilting squares  
6 Fruit stand buys  
7 Yoked team  
8 Vaulted church recess  
9 On the fence  
10 Brainpower  
11 Many a Mumbai man  
12 Step into  
13 Back of the boat  
21 Lock inserts

## BEAVER'S DIGEST



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## Horoscope

**Today's Birthday (05/09/18).** Play full out this year. Whether for romance, family or games, raise the level. Grow shared savings with focus. New work directions this spring lead to two flourishing and creative years after summer. Personal discoveries lead to shifting goals in a team collaboration this autumn. Nurture passion, health and vitality.

To get the advantage, check the day's rating: 10 is the easiest day, 0 the most challenging.

**Aries (March 21-April 19)** — Today is an 8 — Beautify your home tomorrow and today. Find agreement where least expected. Listen with compassion. Your routine gets increasingly effortless now that Jupiter's direct. The work you've done begins to pay off. Romance sparks spontaneously.

**Taurus (April 20-May 20)** — Today is a 7 — Family affairs move forward now that Jupiter's direct. Things that seemed stuck now flow with greater ease. Household improvements flourish. Dream a dream of love, and talk about it together today and tomorrow.

**Gemini (May 21-June 20)** — Today is a 9 — More income is possible over the next few days. Communications

that seemed blocked or stifled gush while Jupiter is direct. Open new channels and conversations. Network and strengthen communities. Grow creative (and profitable) collaborations.

**Cancer (June 21-July 22)** — Today is an 8 — Your financial flow improves, now that Jupiter's direct. Profitable opportunities abound. Envision a trip you want to make. Confidently push your personal agenda over the next two days. Discover unexpected beauty.

**Leo (July 23-Aug. 22)** — Today is a 7 — Plan your moves today and tomorrow. Put on your super-suit and fight for what you believe in now that Jupiter's direct. Discover a project you love. You've got the power to make things happen.

**Virgo (Aug. 23-Sept. 22)** — Today is a 7 — Collaborate with friends over the next two days. Your intuition turns way up now that Jupiter is direct. Discover amazing insights. Review past successes and errors before charting your future course. Meditate on love.

**Libra (Sept. 23-Oct. 22)** — Today is an 8 — Focus on career today and tomorrow. Collaborations leap forward with Jupiter direct.

Friendship and community ties bring opportunities and benefits, professionally and personally. Get social and play together. Make beautiful music.

**Scorpio (Oct. 23-Nov. 21)** — Today is a 9 — Expand your territory over the next few days. Projects that were delayed begin to gain momentum, now that Jupiter is direct. Step into renewed leadership. Take charge of your career, and step lively.

**Sagittarius (Nov. 22-Dec. 21)** — Today is an 8 — Possible travels, adventures and studies tempt you to uncharted territory now that Jupiter stations direct. Launch an exploration. Get into a profitable expansion phase today and tomorrow. Figure out financial details.

**Capricorn (Dec. 22-Jan. 19)** — Today is a 9 — Now that Jupiter is direct, it's easier to save money. Grow your family fortunes with close observation and steady contributions. Collaborate with your partner today and tomorrow. Work together to realize a dream.

**Aquarius (Jan. 20-Feb. 18)** — Today is an 8 — Advance to the next level in a partnership. Teamwork comes easier, now that Jupiter's direct. Apply that to your work over the next two days. Unexpected benefits rain down. Find beauty where least imagined.

**Pisces (Feb. 19-March 20)** — Today is a 7 — Rest, relaxation and romance recharge you today and tomorrow. The workflow falls into a steady, productive rhythm now that Jupiter's direct. Put in structures to manage increased demand for your services. Strive for excellence.

## Sudoku

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LEVEL 1 2 3 4

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

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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## The Daily Barometer



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# News

# Einstein's theory finally proven: gravitational waves exist in spacetime

By Jess Nocera and Andi Cwieka

McClatchy Washington Bureau

WASHINGTON — Scientists who have spent decades peering into outer space announced Thursday they have detected gravitational waves, the ripples in spacetime that Albert Einstein long ago predicted.

"We have detected gravitational waves. We did it!" David Reitze, a physicist and executive director of the LIGO Scientific Collaboration, announced at the National Press Club in Washington, to applause.

Gravitational waves, often said to look like ripples in a pond, are able to answer questions about creation of astronomical phenomena and disturbances, such as the merging of black holes, collision of neutron stars, supernova explosions and more. Gravitational waves were discovered by physicist Albert Einstein's general theory of relativity, 100 years ago.

All of Einstein's theory had been proved except for the presence of gravitational waves, but that all changed Thursday.

"It's mind-boggling," Reitze said.

Einstein was right, said Rainer Weiss, co-founder of LIGO and a professor of physics emeritus at the Massachusetts Institute of Technology.

"His equations have worked so well, in ways he never could have imagined," Weiss said.

The discovery might be one of the major scientific discoveries in decades, just as important as Galileo and his telescope 400 years ago, Reitze said.

"As we open a new window into astronomy, we may see things we've never seen before," Reitze said.

The waves were detected by LIGO, the Laser Interferometer Gravitational-Wave Observatory, which has facilities in Hanford, Wash., and Livingston, La.

Reitze described how, last Sept. 14, tiny blips of a signal, a "chirp," were detected seven milliseconds apart by the massive observatories in Louisiana and Washington state. That signal led scientists to the collision of two black holes more than a billion years ago.

"Up until now, we have been deaf to the universe," Reitze said. "Today,

we were able to hear for the first time."

These black holes were each about 93 miles in diameter — roughly 50 miles wider than the width of Washington, D.C.

"Pack 30 times the mass of the sun into that, then accelerate it to about half the speed of light," and that is just for one black hole, Reitze said.

That collision unnerved nearby stars and caused ripples that spread outward, traveling for 1.3 billion light-years, passing through stars and other objects, until they reached Earth and were detected that September day. It was the exact way Einstein had predicted that gravitational waves would be discovered.

"The gravitational waves detected agree perfectly with predictions from Einstein's theory of relativity," said Kip Thorne, a co-founder of LIGO and a consultant for the 2014 movie "Interstellar."

The waves were so tiny, Reitze said, that only LIGO can measure them. "It's like trying to measure something that is 1/10,000th the diameter of a proton."

The researchers said they had all been in shock when they got the first reading in Louisiana, and they couldn't be sure LIGO was reading gravitational waves, not just environmental noise, until they could examine a second reading at the other observatory.

"We know it's real because seven milliseconds later, we saw the same (reading) in the Hanford detector," said Gabriela Gonzalez, a physicist at Louisiana State University and spokeswoman for the LIGO Scientific Collaboration. "The signals grow in frequency and amplitude and then settle down. That's the prediction we know from solving Einstein's theory."

This detection also proves that binary black holes — a system of two black holes orbiting each other — can exist, Reitze said.

"This is the first time a binary black hole has been directly observed," Reitze said.

Until now, Thorne said, scientists have seen spacetime only as if it were the surface of a calm ocean. Now, he said, they're seeing a storm: the collision of the black holes, a 20-mil-

## Gravity waves detected by LIGO facilities

The Laser Interferometer Gravitational-wave Observatories (LIGO), located around 2,000 miles apart, worked together to detect the gravitational waves of two black holes colliding.



### How it works

Each facility has two tunnels that are 4 km (2.5 miles) long each. A laser beam is fired down each arm, and reflected by a mirror in order to measure the length of the tunnel.

### What is a gravity wave?

Gravity waves occur when space time is bent. This happens when two large bodies, such as black holes, collide, causing space and time to stretch and contract:



When a gravitational wave fluctuates space time, it changes the measurable distance of the length of the LIGO tunnel, which is measured by lasers. Each fluctuation only changes the length by about  $10^{-18}$  meters, or 10,000 times smaller than a proton.



Source: LIGO Scientific Collaboration  
Graphic: Tribune News Service

lisecond event that briefly generated 50 times the power of all stars in the universe put together.

LIGO can measure this astronomical storm using two 4-kilometer-long (about two and a half miles), L-shaped lasers, two mirrors and a detector. The light from the lasers bounces off a mirror to the detector. When a gravitational wave passes by, the path of the laser stretches slightly and hits the detector a little differently.

"All of this technology wasn't available to Einstein," Weiss said. "I bet he would've invented LIGO."

And this detection is just the beginning, Gonzalez said. "Now that we have detectors, now that we know it's out there, we'll be listening to the universe."

At best, LIGO in its current state is at a third of its maximum sensitivity, Weiss said. "Over years, the noise level

will be brought down, and LIGO will be three times better and see three times farther," Weiss said.

Scientists all over the world are working on developing laser detectors like LIGO. Virgo, an interferometer like LIGO in Europe, is expected to be ready to join LIGO in measuring waves later this year, Gonzalez said.

Researchers in Japan are working on Kagra, another interferometer, and the LIGO laboratory is working to establish another LIGO detector in India, which should be operational in 2022, according to a National Science Foundation news release.

"It took a worldwide village to do this," Gonzalez said. The more interferometers there are across the world measuring gravitational waves, the easier it will be to find the black holes or other astronomical disturbances in the universe, Gonzalez said. As of

now, researchers have only a general idea where the black holes collided.

Despite the growing understanding of how warped spacetime behaves, Thorne said, scientists aren't dabbling in the realm of science-fiction yet. "I don't think (LIGO) is going to bring us any closer to time travel," Thorne said with a chuckle. "LIGO is heading in a different direction."

Scientists have been working on detecting gravitational waves for 40 years, largely with the support of national science grants. Reitze thanked "U.S. taxpayers and Congress, who supported this research."

"We're seeing our universe through new eyes in an entirely new way," said France Cordova, National Science Foundation director. "Einstein would've been beaming."

McClatchy Washington Bureau

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## News

# Obama calls on Congress to close loopholes linked to Panama Papers

By Kevin G. Hall, Tim Johnson and Lesley Clark

McClatchy Washington Bureau

WASHINGTON — President Barack Obama is calling on Congress to give federal investigators greater ability to investigate corruption and money laundering to address gaps in financial transparency exposed by the Panama Papers.

Obama called Friday for Congress to act hours after the administration unveiled its own package of anti-corruption initiatives, which include requiring banks and other financial institutions to verify the identities of people opening bank accounts for their offshore companies.

Obama said the administration's moves would "make a difference," but noted that "having said that, we are not going to be able to complete this job unless Congress acts as well."

Congress should pass legislation requiring all companies formed in the United States "to report information about their real owners" to the Treasury Department's Financial Crimes Enforcement Network, he said, adding that he also wants Congress to give the Justice Department additional tools to investigate corruption and money laundering.

He urged the Senate to approve income tax treaties with various nations — singling out Sen. Rand Paul, R-Ky., whom he accused of being "a little quirky on this issue" by blocking the treaties. Paul has opposed the treaties, citing privacy rights.

Obama argued that the proposed income tax treaties with countries such as Luxembourg "actually improve law enforcement's ability to investigate and crack down on offshore tax evasion. And I'm assuming that's not something that he's in favor of."

The moves come amid mounting foreign pressure and ahead of a looming global anti-corruption summit. "Tax evasion, tax avoidance, you know, money laundering: These things are all taking place in a global financial system," Obama said at the White House. "And if we can't cooperate with other countries, it makes it harder for us to crack down."

Earlier, the administration had partially unveiled legislative proposals it said would combat money laundering and financial chicanery,

and for the first time, establish a central federal registry of the real owners of all companies created and operating in the United States.

As a senator, Obama co-sponsored similar legislation authored by former Sen. Carl Levin, a veteran Democrat from Michigan, who spotlighted the abuse of offshore shell companies.

Levin tried for a decade to require greater reporting of the true owners of companies, retiring in 2014 having failed to see it happen. He issued a statement Friday calling the Obama proposals a "significant step backwards," and criticized the idea of ending the practice of states keeping information about ownership of companies.

"The administration proposes instead directing a federal agency to hold the ownership information for millions of U.S. corporations," he complained. "That approach is not in line with U.S. incorporation practice and tradition, and is a mistake."

The White House also released a letter from Treasury Secretary Jacob Lew to House Speaker Paul Ryan, R-Wis., asking for swift action in Congress.

"Additional statutory authority is necessary to put the United States in the strongest position to combat bad actors," Lew wrote, "who seek to hide their financial dealings and evade their tax responsibilities."

The steps are the first concrete action by an administration that has been largely silent for the past month amid a flurry of stories across the globe detailing how shell companies are used for a range of illicit or questionable purposes.

The announcement came a week before Britain hosts the International Anti-Corruption Summit next Thursday. Front and center will be the global impact of the Panama Papers — a leak of 11.5 million files from the Panamanian law firm Mossack Fonseca.

Journalists from 78 countries, including a team from McClatchy, pored over documents for nearly a year. What they unearthed was a worldwide network of politicians with potential conflicts, powerful people facing U.S. sanctions and drug cartels — all using shell companies created by the firm in 21 tax havens.

Individual states have their own rules on the information required when registering a company. Some states — such as Delaware, Nevada and Wyoming — offer low fees and ask few questions of owners, even when they are foreigners. Other countries say this makes the United States part of the global financial problem.

The proposed legislation "would require companies to report adequate and accurate beneficial ownership information at the time of a company's creation or when company ownership is transferred," said Jennifer Fowler, the Treasury Department's deputy assistant secretary for terrorist financing.

The proposal would create the registry under the Treasury Department's Financial Crimes Enforcement Network, or FinCEN, allowing law enforcement to gain easier access to information on true ownership of companies.

The IRS presently gets information on company owners, through employer identification numbers, but law enforcement generally cannot see this information without a subpoena. The White House plan "gives us some benefit for law enforcement," Fowler said.

Delaware and some other states have proposed, as an alternative to a central registry, just making it easier for the IRS to share information. But that would require changing laws from the Watergate era, when President Richard Nixon used the IRS to go after opponents.

"This (proposed) legislation closely tracks a similar proposal we are working on that takes a slightly different approach," Delaware Secretary of State Jeffrey W. Bullock said in a statement to McClatchy. "Hopefully this is a sign that something will get done in Congress this year."

It also addresses a gap highlighted by McClatchy, the sole U.S. newspaper partner in the Panama Papers project, in a story last month set in Wyoming.

While most business entities formed in the United States report basic information to the IRS, some foreign-owned companies are exempt.

These companies are often owned by Russians, Brazilians and other foreigners but own no assets in the United States nor do any business here. The rule changes outlined Thursday would, if

adopted, require foreign-owned limited liability companies with a sole member to get an employer identification number with the IRS and to report the same information as any other company or nonprofit.

"Once these regulations are finalized, they will allow the IRS to determine whether there is any tax liability due ... and to share information with other tax authorities," Robert Stack, Treasury deputy assistant secretary for international tax affairs, told reporters.

Limited liability companies are popular because they limit an owner's liability and offer protection from lawsuits. For example, presumptive GOP presidential nominee Donald Trump has hundreds of LLCs in Delaware.

McClatchy's story showed how Mossack Fonseca created shell companies in Nevada that conducted no U.S. business and that were tied to a widening corruption scandal in Brazil. The story also prompted an investigation by Wyoming's secretary of state.

The office of Wyoming Secretary of State Ed Murray declined to comment Thursday.

The Obama administration called on Congress to support other steps, including:

—Proposing legislation to help prosecutors seeking convictions of foreigners who bring the proceeds of corruption into the United States.

—Creating a mechanism to use and protect classified information in civil cases. That would make it easier to use foreign bank and business records in criminal cases.

—Providing reciprocity to partners who accept the Foreign Account Tax Compliance Act. This means banks in the United States would have to share customer information with foreign tax authorities.

—Making changes to allow the Treasury to collect data such as bank wire transfer information from title insurance companies when expensive real estate is sold for cash. The agency has been analyzing these kinds of purchases in Miami and New York.

McClatchy Washington Bureau

## Florida cold snap kills tropical bees

By Jenny Staletoich  
Miami Herald

MIAMI — A record 2010 cold snap in Miami that wiped out coral, devastated manatees and adorned trees with frozen iguanas had another victim: tropical bees.

In a study published this week in *Ecosphere*, Florida International University researchers reported that the January chill decimated non-native tropical bees. Native bees, however, managed to weather the weather, helping biologists better understand the species' range.

The findings, said lead author

Jason Downing, provide important clues about how ecosystems, and not just individual species, could be affected by climate change.

"Disruptions in the interactions between species can alter community structure and dynamics," he said, which can lead to changes in the delicate balance between plants and animals.

For the study, Downing focused on two oil collecting bees that help pollinate plants including native locustberry and orchids. Florida has its own species of the bee, but in about 2008 researchers documented

the arrival of a cousin, native to Central and South America and Mexico. Researchers pay attention to bees because they play a key role in pollinating crops. More problematic, however, is nonnative bees can help spread invasive plants.

The cold spell provided a rare opportunity for researchers to look at the pollinators.

The January front that swept through the region went down as one of the worst on record. At the time, biologists equated the environmental damage it caused to a hurricane or wildfire. In the Everglades, they

counted at least 70 dead crocodiles and about 60 manatees. Everglades National Park staff reported it was the worst they had seen in decades, but left them a little hopeful that it might help control some tropical interlopers like the Burmese python. It did not.

But understanding the effects of such extreme cold, the study theorized, could in the future help researchers better predict where species might expand. While lots of research has focused on warming temperatures, and the more pressing problems they cause including rising

sea levels and increased droughts, less is known about cold.

That information could be particularly important in areas on the border between subtropical and tropical like South Florida, the study said. And in this case, bees could help connect the dots with invasive plants spread.

"Understanding how species respond to extreme cold events at the leading and trailing edges of range expansions," the study found, "provides the best insights into the likelihood of species adapting to the ongoing climate change."

Miami Herald

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# Sports

# One and two once more

### The Daily Barometer

Freshman catcher Kayleen Shafer's eventual game-winning home run and some quality pitching in Saturday's Oregon State softball game highlighted the Beavers' road series against Arizona this weekend.

But, Arizona's batters told their side of the story in Friday and Sunday's matchup.

All told, it was another weekend of OSU softball against a ranked team and another one-win, two-loss effort.

The mixed results aren't the worst thing for the Beavers: for OSU to face No. 18 Arizona in Tucson this week and take at least one win back to Corvallis is significant for postseason seeding and RPI rankings.

This is the third consecutive weekend that OSU has gone 1-2, earning the same result against No. 13 UCLA and then No. 10 Washington last week. After the 6-0 loss to Arizona on Friday, a 2-1 win on Saturday and a 10-1 defeat Sunday, the Beavers now stand at 28-18-1 on the season. The upcoming weekend's three games against Arizona State are the only item on the schedule left before a nearly inevitable berth into the NCAA Tournament that starts May 20.

If OSU does earn a spot, it would be the Beavers' first time making the postseason since 2013. OSU just barely missed out last year with a 26-26 record.

In the Arizona series, the Beavers' bats never caught fire but a strong pitching effort in the middle of the three games pushed OSU to the 2-1 victory. Senior pitcher Bev Miller tossed 6 1/3 innings, striking out seven hitters and allowing just one run on four hits. Freshman pitcher Meehra Nelson entered for the final two batters of the game, striking out both and earning her sixth save of the season.

With that save, Nelson ties OSU's school record for most saves in a single season along with Paige Hall in 2012, Monica Hoffman in 2004 and Tarrah Beyster in 1999.

The Beavers got on the board in the first inning



JOSH LUCAS | THE DAILY BAROMETER

See **Softball, Page 6** The Oregon State softball team huddles and discusses strategy in a game against Oregon on April 10.

# Beavers drop three straight in Tuscon

### The Daily Barometer

The Oregon State baseball team was swept by the Arizona Wildcats over the weekend, after only managing to score a total of two runs in the first two games then blowing a three-run lead in the final game series.

In Game 1 of the series on Friday the Beavers got out to an early in the first inning. A triple from Freshman second baseman Nick Madrigal extended his hitting streak to 13 games with a triple in the first inning, then was brought home on a groundout from junior catcher Logan Ice.

That would be the only run the Beavers would score the remaining of the game, as Arizona's Nathan Bannister went the distance allowing five hits and striking out nine in the complete game effort.

Travis Eckert kept the Wildcats' bats quite through the first three innings, but ran into trouble in the fourth inning. A pair of singles to open the inning set the stage for Arizona's senior first baseman Ryan Aguilar who roped a triple to center field to give the Wildcats a 2-1.

Arizona added two more runs in the seventh and one in the ninth to earn a 6-1 victory to open the series.

On Saturday the Beavers outhit the Wildcats, getting eight hits to the Wildcat's five. But the hits did not equate to runs, and the Beavers did not score until the ninth inning--falling 4-1.

After scoring 2 runs in the previous 18 innings of the series, the offense broke out for four runs in the third inning. Both sophomore left fielder Christian Donahue and sophomore first baseman KJ Harrison drove in two runs to give the Beavers the 4-1 lead.

Ice then added another run in the sixth inning with his team-leading seventh home run of the season. That pushed the Beavers lead to 5-2.

The seventh inning is when things fell apart for OSU. Freshman right-hander Bryce Fehmel issued a walk to start the inning,



JOSH LUCAS | THE DAILY BAROMETER

Freshman second baseman Nick Madrigal bats against Stanford on May 1.

See **Baseball, Page 6**

## The Bottom Line

### TWEET OF THE DAY



**HOW DO YOU RUN OUT OF BEEF!?**  
@tacobell  
Jarmal Reid  
@Whopperrr\_JR

### NUMBER OF THE DAY

# 11

Freshman Nick Madrigal becomes 11th OSU player to play for Team USA.

### UPCOMING EVENTS

Baseball	5/10 vs. Portland
Softball	5/12-5/14 vs. Arizona State
Baseball	5/13-5/15 vs. Oregon
W. Track	5/14-5/15 @ Pac-12 Championships

# Sports



JOSHI LUCAS | THE DAILY BAROMETER

Following the Arizona series the Beavers have dropped three straight Pac-12 games heading into the Civil War against Oregon this weekend.

## Baseball

*Continued from page 5*

then followed that up with a consecutive single to Arizona batters that scored a run. Fehmel—who 4 1/3 innings of relief after junior starter Jake Thompson only lasted two innings—was then pulled.

Junior Max Engelbrekt came into a bases-loaded jam, but then gave up the winning run

on a single up the middle from junior third basemen Kyle Lewis.

The Beavers were able to get a runner at second with one out in the eighth inning, but could not bring the tying run home.

The Beavers will play the University of Portland on Tuesday at Volcano Stadium in Keizer, before hosting Oregon in the Civil War starting Friday.

On Twitter @barosports

### Oregon State vs. Arizona

Game 1: 6-1 Arizona

Game 2: 4-1 Arizona

Game 3: 6-5 Arizona

## Softball *Continued from page 5*

when sophomore shortstop McKenna Arriola — whose two hits Saturday notched her 19th multiple-hit game this season — scored on a single by senior second baseman Mikela Manewa.

With the game tied 1-1 in the fifth inning, Shafer laced a pitch over the left field wall to give OSU a 2-1 lead it wouldn't relinquish.

Arriola is now batting .381 on the year, while no teammate is above .356. As a team, OSU is batting .315; the program record was set last year at .298.

Sunday's rubber match was dominated by Arizona left-handed pitcher Danielle O'Toole, who allowed one run in a complete game. The Wildcats scored in each of the first three innings, including six runs in the third frame, and the game ended after five innings via the eight-run mercy rule.

After Miller earned the win in Saturday's contest, her four-inning, seven-run effort on Sunday gave her the loss. She now stands at 12-10 on the season heading into her final regular season games of her career. Nelson's only decision came in Friday's loss, when she struck out seven but allowed six earned runs to put her at 15-8 so far in her freshman campaign.

Miller and Manewa are the only players on the roster using their final year of eligibility this season, and the upcoming home series against ASU will be their final regular season contests at the OSU Softball Complex.

The series will be an opportunity for OSU to head into the postseason on a high note, especially since the Sun Devils are just 6-15 in Pac-12 games this year.

On Twitter @barosports

## UAB player killed

By **Kate Jacobson**  
*Sun Sentinel*

WEST PALM BEACH, Fla. — University of Alabama at Birmingham running back Greg Bryant was declared brain dead Sunday, according to West Palm Beach police.

According to spokeswoman Lori Colombino, the 21-year-old was shot at 4:45 a.m. Saturday while he was driving south on Interstate 95.

He was taken to the hospital in critical condition and at 1 p.m. Sunday was declared brain dead. Maurice Glover, a passenger in Bryant's car, was also shot but had minor injuries.

Investigators are seeking

witnesses to the shooting. His family says Bryant was heading back home when he was shot in the head, according to Sun Sentinel news partner WPEC-Ch.12.

"I heard a car followed him and rolled up on the side of him and started shooting," Bryant's step-grandfather Sam Kelly told WPEC.

Bryant was a five-star football recruit at American Heritage. He went on to play at Notre Dame, but transferred to UAB to be a part of their first recruiting class since restarting the football program.

The shooting remains under investigation as a homicide, police said.

Sun Sentinel

# Ex-Oregon high school star to leave Michigan

By **Mark Snyder**  
*Detroit Free Press*

When asked Monday whether he expected any more departures from his roster, Michigan basketball coach John Beilein hesitated.

Now it might be clear why.

Sophomore Kameron Chatman, who hit the key 3-pointer to upset Indiana in the Big Ten tournament and, in essence, sent Michigan to the NCAA Tournament, will transfer. His father, Canaan Chatman, told the Free Press that Chatman has been granted his release.

"It comes with long deliberations and to try to figure this thing out, but Kameron did put in for his release and will be granted his release," Canaan Chatman said. "He just got back home after finishing finals, just exhaled for a second to figure out what his next move

is. This is about moving forward, not looking at what's back. I think there's been a lot of change. Kameron is just the latest piece."

ESPN.com's Jeff Goodman first reported the likelihood first.

Chatman is the fourth Wolverine to transfer this spring, joining Spike Albrecht (Purdue), Aubrey Dawkins (Central Florida) and Ricky Doyle.

Losing both Chatman along with Dawkins is a major blow given that those were the top two wings off the bench late in the season.

Chatman, from Portland, Ore., played less as a sophomore (28 games with two starts) than as a freshman (32 games and 15 starts), and played half as many minutes. Those were disappointing numbers for a player ranked No. 27 nationally on the 247sports.com rank-

ings coming out of high school.

His field-goal percentage rose to 38 percent this year, but he still shot 26 percent from three-point range, which made it tough for U-M to keep him on the floor. He felt that 3-pointer against Indiana was an encouraging sign that he would turn the corner.

Chatman and his father both told the Free Press late in the year that he had no plans to transfer and already had signed his lease for his apartment for the spring term. But nearly all of other Wolverines headed home for spring, and Beilein confirmed Monday night that Chatman was one of them.

"Retention is still ... things happen in May," Beilein said at the Ufer Quarterback Club dinner Monday. "Things happen in May, so we're still working on all of those things."

Beilein also stressed Monday that U-M's graduate-transfer targets will be wing players.

Without Chatman, U-M would have two open scholarships for next season. (And two open assistant positions and at least one administrative staff member.)

"May is going to be an interesting month, all across the country," Beilein said when talking about acquiring potential transfers. "Free agency is the wrong word, but there's a lot of people. And as people finish classes, all of the sudden, a lot of people change their minds."

Beilein said he didn't mind his players leaving for spring term.

"I'm for it, let them get away. Some might come back June 1," Beilein said.

The question now, apparently, is which ones will.

Detroit Free Press

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# Forum

## Brits have spoken, British government should listen



By Jackie Keating  
Forum contributor

“ This isn't the first time that a government agency has changed its mind on a decision to let the public choose. ”

“Monty Python” and “The Office” to make a decision on what to name a £287 million ship, it should live with the consequences of that decision.

Sadly, this isn't the first time that a government agency has changed its mind on a decision to let the public choose.

Remember the Stephen Colbert NASA module debacle? In 2009, NASA made the same mistake as the British Natural Environment Research Council in giving the opportunity to choose a name for a costly piece of scientific equipment to the commoners.

So of course Stephen Colbert urged his fans to name the then-new wing of the International Space Station the “Stephen Colbert.” The name won by a landslide, and the American government responded by naming the node “Tranquility.”

Just like the British government, NASA tried to console the public by naming a treadmill on the node the “Combined Operational Load Bearing External Resistance Treadmill, or COLBERT,” according to CNN.

Personally, I think this is little consolation.

If our governments care so little for our votes and opinions, why even open a poll anyway?

Let this be a warning: the downfall of democracy starts with the ignoring of “Boaty” and “Colbert,” friends.

However, there is already a social media campaign to rename “Boaty McBoatface” to “Subby McSubface,” according to BBC, so perhaps there is hope after all.

*The opinions expressed in Keating's column do not necessarily represent those of The Daily Barometer staff.*

bara.forum@oregonstate.edu

When you put the power of choice into the hands of the people, you can't be shocked when the people deliver ridiculous things.

In March, the British government decided to allow the public to choose a name for its new arctic research vessel, which is currently still being built.

According to the New York Times, the Natural Environment Research Council set up some highfalutin, “dignified” names to start out the voting in an online poll, such as the “Falcon” or the “Endeavour.” However, these suggestions were brushed aside by the vast majority of voters, who overwhelmingly favored the name “Boaty McBoatface,” which was suggested by national hero James Hand, according to BBC News.

Hand's suggestion for the ship quickly took off, gaining a total of 124,000 votes, more than 11 times the number of votes that the fourth place name received.

Despite this, on May 6, it was announced that the fourth place name is what the British government decided on.

Ignoring the voice of the majority, the British government agency decided

to name the vessel the R.R.S David Attenborough, a name that Science Minister Jo Johnson said was “more suitable,” for the costly new research ship, according to the BBC.

Johnson tried to justify the decision in a public statement, declaring that “The public provided some truly inspirational and creative names, and while it was a difficult decision, I'm delighted that our state-of-the-art polar research ship will be named after one of the nation's most cherished broadcasters and natural scientists.”

I am just about as outraged as any of the multitudes of British people who took to twitter to express their anger and disappointment over the weekend. The Natural Environment Research Council tried to mitigate some of the calamity, as “Boaty” lives on as one of the ship's remotely operated submarines,” according to BBC News.

But this isn't good enough. For one, you can't name a submarine “Boaty.” It should be named “Subby.”

Secondly, if the British government was shortsighted enough to allow the same group of people who created

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