

# CHINA IN THE NEWS



Joanna Zhou (周娜), now residing in Knoxville TN, immigrated to Indianapolis with her husband from Beijing in 2013, where she worked in Human Resources for a U.S. Fortune 500 company. She enjoys her new life with her husband and kept in touch with her LAAT friends and readers by contributing to this column.

## Nearly 14.56 million Chinese honor deceased during Tomb-Sweeping holiday

Nearly 14.56 million Chinese visited 150 major cemeteries to honor their deceased relatives during the three-day holiday for Tomb-Sweeping Day, which lasts from Sunday to Tuesday. The number of people visiting burial sites across the nation increased by 8.8 percent year on year, according to the Ministry of Civil Affairs. The cemeteries deployed service staff to help direct more than 2.27 million vehicles, up 31 percent from the year before, the ministry said. Tomb-Sweeping Day, also known as Qingming Festival, is the most important occasion for Chinese to honor their ancestors. The ministry said no severe accidents were reported during the holiday.

清明节祭扫人数和车辆数均高于去年  
4日是今年清明节假期最后一天。民政部清明节工作办公室对全国150个清明节祭扫观察点数据统计显示,整个清明期间,共接待祭扫群众1455.9万人次,疏导车辆227.1万辆,分别比去年同期增加8.8%和31%。

## More free trade zones to open in China

Seven new free trade zones will open in China on April 1, bringing the total across the country to 11. The State Council has approved the seven new zones in the provinces of Liaoning, Zhejiang, Henan, Hubei, Sichuan and Shaanxi as well as Chongqing Municipality, according to an official statement released Friday. The decision carries strategic importance in terms of opening up and reform, cutting bureaucratic red tape and exploring financial innovation, according to the statement. The government hopes the zones will play a pioneering role, replicating the success of previous trial. The free trade zones should help promote the nation's key regional and inter-regional development strategies such as the Yangtze River economic belt development plan and the Belt and Road Initiative.

## 中国新设7个自贸区

去年8月底,国务院决定,在辽宁、浙江、河南、湖北、重庆、四川、陕西等省市再设立7个新的自贸试验区。近日,国务院正式批复设立这7个自贸试验区,并分别印发了总体方案。《全面深化中国(上海)自由贸易试验区改革开放方案》也同时印发。参照上海等现有自贸试验区,新的自贸试验区主要依托发展基础较好的国家级新区、园区设立,每个都包含3个片区,面积在120平方公里内。对于7个新设自贸试验区各自的总体方案,商务部副部长王文文介绍,7省市结合自身特点,提出了在自贸试验区各有侧重的试点任务。辽宁重点深化国企改革。浙江通过建设国际海事服务基地、国际油品的储运基地来推动对外贸易发展。河南要打造国际交通物流通道。湖北重点推动创新驱动发展和促进中部地区与长江经济带战略对接。重庆将重点推进“一带一路”和长江经济带联动发展。四川要推动内陆与沿海沿江沿江协同开发战略。陕西将创新现代农业交流合作机制,扩大与“一带一路”沿线国家的合作。

## China's top train maker receives order from India

An affiliated company under China's top train maker CRRC Corporation has acquired a subway train order from Nagpur, India, the company said Sunday. A total of 69 train coaches will be produced by CRRC Dalian for subway operations in Nagpur, the largest city in central India, according to an agreement signed by

the company and a local subway company. The trains are for two urban rails in the city with a total length of 38 km. The agreement, signed on March 27, also includes a 10-year train maintenance project, according to a statement by the company. CRRC Dalian received its first train order in May 2015, providing 112 train coaches for the Calcutta subway.

## 中车大连公司首获印度那格浦尔地铁车辆项目

在印度马哈拉施特拉邦那格浦尔,中国中车与那格浦尔地铁公司举行项目合同签约仪式。按约定,69辆那格浦尔地铁车辆将在中车大连机车车辆有限公司生产,合同还包含了十年维保项目。本次签约是中车大连公司继印度加尔各答项目之后再次获得印度地铁车辆项目。据了解,那格浦尔是印度中部最大城市,是连接印度各大城市的铁路和公路的交通枢纽。该项目地铁车辆将用于那格浦尔市的南北、东西2条城轨线路运营,线路全长为38公里。两条线路共配车69辆,车辆采用不锈钢车体结构。印度地铁项目曾一直被庞巴迪、西门子等西方轨道交通巨头企业垄断。2012年,中车大连公司开始参与印度地铁项目投标,2015年5月,中车大连公司首获印度加尔各答112节地铁车辆项目订单,这也是原南、北车合并为中国中车后拿到的海外项目第一单,计划今年全部交付。

## "Pink Star" diamond auctioned for record 71.2 million USD in Hong Kong

A 59.60-carat oval pink diamond was auctioned for 0.553 billion Hong Kong dollars (71.2 million U.S. dollars) at Sotheby's Hong Kong jewels and jadeite spring sale on Tuesday, setting a new world record for any diamond or jewel. Estimated at over 60 million U.S. dollars, the "Pink Star" is the largest internally flawless fancy vivid pink diamond that the Gemological Institute of America (GIA) has ever graded. It has received the highest color and clarity grades from GIA for pink diamonds and has been found to be part of the rare subgroup comprising less than 2 percent of all gem diamonds. Mined by De Beers in Africa in 1999, the 132.5-carat rough diamond was meticulously cut and polished for over two years and transformed into a 59.60-carat stunning gemstone.

## 世界最贵“粉红之星”钻石将在香港拍卖估价超过6千万美元

当地时间2017年3月20日,伦敦苏富比拍卖行展出最珍贵的“粉红之星”钻石。这颗钻石于1999年在南非被发现,重59.60克拉。美国宝石学院(GIA)将其评定为史上最大颗的内部无瑕鲜彩粉红钻石。“粉红之星”钻石估价超过6千万美元,将于4月4日在香港进行拍卖。据悉,这颗钻石预计将超过奥本海默之蓝在2016年创下的5750万美元的纪录。

## Chinese Internet giants eye artificial intelligence

Executives at Chinese Internet giants, including Baidu, Alibaba and Tencent, are focusing on the development of artificial intelligence and believe the next decades will be a golden age for the industry. "We used to see artificial intelligence only as a way to improve our computing and processing abilities. But actually, AI can use data for self-study and make our rules," said Ma Huateng, chairman and CEO of Tencent, at the China IT Summit in Shenzhen on Sunday. In March 2016, Google's artificial intelligence program AlphaGo scored a 4-1 victory over South Korean Go master Lee Se-dol in a five-round showdown. The machine's victory was noted by AI enthusiasts around the world. 百度、阿里巴巴、腾讯掌门人聚首IT领袖峰会讨论人工智能未来

2017中国(深圳)IT领袖峰会今日在深圳开幕,阿里巴巴集团董事局主席马云在主题演讲中提到互联网将对零售、制造、金融、技术和能源产生深远影响。腾讯公司控股董事会主席兼首席执行官马化腾表示,人工智能(AI)的深层的意义在于它可以运用计算机后台大数据高速地自主学习。百度公司创始人、董事长兼首席执行官李彦宏表示互联网其实只是一道开胃菜,真正的主菜是人工智能。

# INDY BUSINESS BULLETIN



## IMA: Can't Address Skills Gap Without Employers

The president of the Indiana Manufacturers Association says the skills gap remains "the number one issue" facing employers statewide. Manufacturing accounts for more than 30 percent of the state's Gross Domestic Product, the highest of any state, but Brian Burton says companies have to "go where the workers are" if they want to grow. Burton is calling for an "employer-driven" solution to better align the needs of the work force with training.

## Dow, DuPont Extend Merger Close Date

The expected closing date for the proposed \$130 billion merger between DuPont (NYSE: DD) and The Dow Chemical Co. (NYSE: DOW) has been extended. The companies say the "outside date" on the merger agreement is August 31 and the deal is expected to close no earlier than August 1.

## hgregg Sets Scene For Bankruptcy-Related Sale

As part of continuing Chapter 11 bankruptcy proceedings, Indianapolis-based hgregg Inc. has announced an agreement to conduct sales at its remaining 132 stores and distribution centers. The company calls the arrangement with Tiger Capital Group LLC and Great American Group LLC "a precautionary measure" should it not receive any "acceptable going concern bids" by April 7.

## Beck's, ISU Collaborate on Drone Pilot Training

Hamilton County-based Beck's Hybrids is joining forces with Indiana State University to train 50 unmanned aerial vehicle pilots. The program involves Federal Aviation Administration certification for Beck's employees to help customers scout crops during growing season.

## IU Tops Online Colleges Rankings

Indiana University and its regional campuses are featured heavily in College Choice's list of the 24 Best Online Colleges in Indiana. The rankings are based on a number of criteria, including academic quality and return on investment.

## Bloomington Startup Swarms Beekkeeping Industry

Honey bees are somewhat mysterious creatures with profound capabilities that scientists can't fully decode. However, Bloomington-based startup The Bee Corp--led by a group of recent Indiana University graduates--believes it can remove some of the mystery surrounding bees and help beekeepers have more productive hives. After years of development, the team is launching its technology this spring with beekeepers

## Lilly Acquires CoLucid, Bringing Home an Indiana Discovery

Indianapolis-based Eli Lilly and Company is confident its new prescription drug to treat serious migraines will be on the market about one year from now. The drug, called lasmiditan, has a unique story that shines a spotlight on Indiana's life sciences sector. Those involved say it's a tale of grit, a lot of money and a little luck--culminating with a happy ending for CoLucid, the startup that came to life in Indiana and will once again call it home.

## Creative Economy at 'Heart of All Economy'

Results of a new study commissioned by the Indiana Arts Commission show 4.3 percent of Hoosier jobs are part of the so-called creative economy, a sector the commission calls "the heart of all economy." The report is the first of its kind for the IAC and designed to serve as a baseline for public and private-sector decision makers.

## Indy Tops List For Mobile Service

Indianapolis is being recognized for having the best overall mobile network performance of the top 125 most populated metropolitan areas in the country. The ranking from RootMetrics shows Indy beat out major metro areas, including New York and Los Angeles.

## Indiana Veteran Unemployment Rate Lowest in U.S.

The U.S. Bureau of Labor Statistics says Indiana has the lowest unemployment rate for veterans in the nation. The Employment Situation of Veterans - 2016 report says, on average, 1.8 percent of Indiana veterans were unemployed last year.

## Exhibit to Honor Foyt Legacy

The Indianapolis Motor Speedway Museum will next month unveil an exhibit honoring the career of racing legend A.J. Foyt. The exhibit will be a celebration of the 40th anniversary of Foyt's fourth Indianapolis 500 win.

## IEDC Approves Incentives for Carrier

The Indiana Economic Development Corp. Board of Directors has approved \$7 million in incentives for Carrier Corp. in Indianapolis. The package involves a combination of conditional tax credits and training grants. The company says a \$16 million investment will retain more than 1,000 Hoosier jobs, 800 of which were previously going to be outsourced to Mexico. Indiana Secretary of Commerce Jim Schellinger tells Inside Indiana Business the deal extended to Carrier is "pretty extraordinary."

## Salesforce Tower Plans Move Forward

Work will begin this week to officially transform Chase Tower in downtown Indianapolis to Salesforce Tower. A spokesperson for Salesforce (NYSE: CRM) says it will take several weeks to remove and replace all Chase signage, including the prominent logo at the top of the state's tallest building.

# FINANCIALLY SPEAKING

## On eve of Masters, "Lefty and the Gambler" a cautionary tale



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This year's Masters could have an interesting side story, as PGA superstar Phil "Lefty" Mickelson may be called to testify in the insider trading trial of William "Billy" Walters, widely considered the biggest and most successful sports bettor in the country.

Illegal insider trading refers to buying or selling a stock, in breach of a duty of trust and confidence, while in possession of "material, non-public information" about the stock. This can also apply if the person possessing the information (the "tipper") passes along the information to a "tippee," who then trades the stock.

Since there's no statutory definition of illegal insider trading, the law has been developed on a piecemeal basis by the courts, with the definition of illegal activity expanding and contracting.

A significant contraction occurred in 2014, when a federal appeals court reversed the conviction, involving tips passed through a chain of traders, of hedge fund trader Todd Newman. The court raised the hurdle for proving illegality, mandating 1) the tipper had to have received a valuable "personal benefit" for providing the confidential information and 2) the tippee had to know the tipper was receiving that personal benefit.

In December 2016, the Supreme Court widened the definition by ruling insider trading prosecutions don't always have to show something valuable changed hands to prove a crime was committed (but didn't specifically address tip chains). Defendant Bassam Salman admitted he had traded on inside information obtained from his brother, but argued since he didn't

give him anything of value, no crime was committed. Upholding Salman's conviction, the court ruled, "Giving a gift of trading information to a trading relative is the same thing as trading by the tipper followed by a gift of the proceeds."

The SEC filed a complaint last May naming Thomas Davis (former chairman of Dean Foods—"Dean") and Walters as Defendants and three-time Masters champion Phil Mickelson as a Relief Defendant.

According to the SEC's complaint (https://assets.documentcloud.org/documents/2839956/Insider-Case-Against-Gambler-and-Ex-Chairman.pdf), Davis was a director of Dean who tipped Walters with confidential information from 2008 through 2012. Walters, in turn, allegedly tipped Mickelson.

The SEC calculated Walters' trades in Dean stock reaped illicit profits of at least \$40 million. Davis pleaded guilty in a related criminal case and is the prosecution's key witness in Walters' trial, which is underway.

According to the SEC, Davis and Walters had been golfing friends for more than 20 years. Davis owed gambling debts to Walters and had borrowed almost \$1 million from him. These were only partially repaid, which constituted the valuable personal benefit.

Mickelson also allegedly owed gambling debts to Walters. The SEC said Walters tipped Mickelson on a Friday. The following Monday and Tuesday, Mickelson bought \$2.4 million of Dean's stock. When Dean publicly announced the news days later, the stock popped 40%. "Lefty" sold, reaping a profit of \$931,000 and using some of the proceeds to repay his debt to Walters. Mickelson was not accused of wrongdoing, but the SEC argued he was "unjustly enriched" and must disgorge "ill-gotten gains," which he readily agreed.

In 2011, Walters was the subject of a recent 60 Minutes feature https://www.youtube.com/watch?v=d6FAUQ6SFKM, which revealed the "secret" of his uncanny sports betting success was his information "edge." Did Walters have an illegal "edge" on Dean? Stay tuned.

# JUA TECHNOLOGIES DEVELOPS CROP DRYER TO BATTLE FOOD SCARCITY



JUA Technologies plans to produce about 250 dryers for beta testing in Nigeria, Senegal, Kenya and the U.S.

Born and raised in Nigeria, Dr. Klein Ileleji knows first-hand the challenges farmers face in developing countries, and it's inspired his invention that uses the muscle of Mother Nature. Long-term crop storage is critical in developing countries for a reliable food supply, but due to moisture in a fresh state, they must be dried first. Farmers in developing countries often spread crops along the roadside to dry—a method riddled with problems. An associate professor of agricultural and biological engineering at Purdue University, Ileleji has developed a solar-powered crop dryer that still relies on the sun, but also harnesses the power of technology.

Ileleji says, in developing countries, as much as \$20 billion worth of food goes to waste per year, largely because it's not dried properly.

"In developing countries...it's very common to see people drying crops by the roadside, on the road itself or on the median, because it's a large hard surface," says Ileleji. "I've seen crops take up half the road in Ecuador."

In addition to not being sanitary, the crops can be ruined by insects or animals. Ileleji believes his solar-powered crop drying device could be the answer for small-scale farmers; he's co-founded West Lafayette-based JUA Technologies International LLC to commercialize the product. The company name is inspired by the Swahili word for sun, which is "jua."

The technology consists of two components: drying trays that are loaded into the device and the dryer itself. Ileleji says the trays can be used independently of the

dryer; they have a protective cover and can dry crops traditionally in the sun. The trays can also be stacked inside the dryer, which deploys modern technology to accelerate and improve the drying process.

"Energy from the sun is brought into the chamber, where crops will be in the trays, being dried by fans powered by the solar panel," says Ileleji. "Radiant energy from the sun is being captured on a surface, which heats up the air; that air is pulled into the drying chamber by fans that are powered by the solar panel."

The device produces a high-temperature, high air-flow and low-humidity environment—the ideal condition for efficiently drying crops.

"Rather than it taking three days to dry [crops] on the ground, it takes about 10 hours to dry in the dryer," says Ileleji. "It might be in smaller units, but you're increasing the throughput."

JUA Technologies is also testing the device in the U.S. with small farmers in Indiana and Georgia who are using it to dry things like herbs, flowers and spices.

The startup earned \$20,000 from the Elevate Purdue Foundry Fund, and Ileleji's work is also part of a USAID project that focuses on post-harvest food handling and processing.

"As we look at food security in the world, especially with the population expected to increase to nine billion by 2050, addressing issues that will affect all of us on the globe is something that interests me," says Ileleji. "Unless we have companies with a bold vision putting people and technology together, we're not going to solve these problems for small farmers and address global food insecurities. That's the culture I want to bring to JUA. No one is stepping up to do that, so we need to."

Ileleji says his bold vision for the startup aligns with Purdue University's desire to address global agriculture issue.

Source: Inside Indiana Business, Kylie Veleta, Special Projects Reporter

# SAR HONG KONG HAS NEW ADMINISTRATOR



Carrie Lam was elected as Hong Kong's next leader on March 26. Mrs. Lam, a former No. 2 official in the city, received 777 out of 1163 votes. Casted. She defeated John Tsang, a former finance secretary. The leader of this semiautonomous Chinese city of over 7 million is chosen by just 1194 electors, most of them have close ties to Beijing in business and politics.

