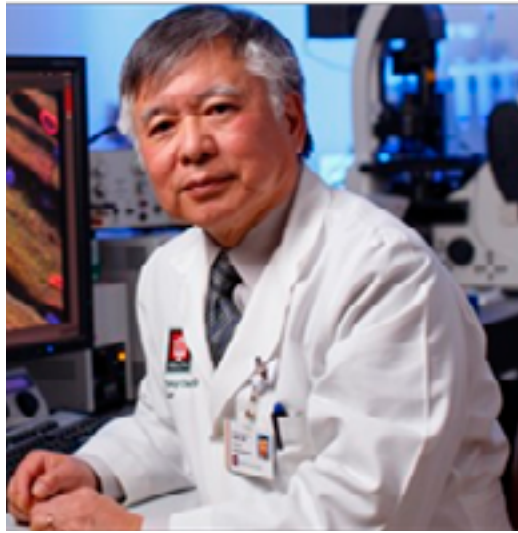


IU STARTUP LANDS MAJOR RESEARCH GRANT



Arrhythmotech co-founder Peng-Sheng Chen

The National Institutes of Health has awarded a large grant to a life sciences startup company based on Indiana University technology. The two year, nearly \$1.5 million grant will fund research performed by Arrhythmotech LLC that seeks to determine if nerve

activity is associated with atrial fibrillation.

Arrhythmotech will use the money to discover new methods of studying patients with atrial fibrillation, which causes the heart's upper chambers to contract irregularly. IU says the company is developing a device that, on the patients' skin, can detect nerve activity. Co-founder Peng-Sheng Chen says the grant will help the company better establish the technology.

"The grant will allow us to collaborate with investigators at the Mayo Clinic in Rochester, Minnesota, and at Cedars-Sinai Medical Center in Los Angeles," said Chen. "After the grant period has ended, Arrhythmotech will determine the next steps to make the method widely available to the medical community for research, education and patient care."

Chen is also the director of the Krannert Institute of Cardiology and chief of the Division of Cardiology in the Department of Medicine at the IU School of Medicine. He helped form Arrhythmotech through the Indiana University Research and Technology Corp.'s Spin Up program.

The company previously received an NIH grant worth more than \$212,000 in 2014 and came in second place in the 2015 BioCrossroads New Venture Competition.

Source: Inside Indiana Business, Alex Brown

INDY BUSINESS BULLETIN



June Unemployment Rate Drops

Indiana's unemployment rate dropped to 4.8 percent in June, compared to 5 percent the previous month. The Indiana Department of Workforce Development says more than 8,500 Hoosiers found employment last month.

Tony George Named Chairman in IMS Transition of Power

In a remarkable return to power, Tony George is now chairman of the family business that owns and operates the Indianapolis Motor Speedway. At a board meeting in March, George was named chairman of Terre Haute-based Hulman and Co., succeeding his mother, Mari Hulman George, who was named chairman emeritus. George, who brought NASCAR to IMS in 1994, gave the command to start engines for the 23rd edition of the Brickyard 400 Sunday and was introduced as chairman, the first public pronouncement of the move, which was confirmed for Inside Indiana Business by an IMS communications executive.

'Living Legends' to be Honored

The Indiana Historical Society will tonight honor its latest class of Indiana Living Legends. This year's recipients include Purdue University President Mitch Daniels and Henry Leck, founding director of the Indianapolis Children's Choir.

Petroleum Traders Among 'Largest Private Companies'

A Fort Wayne-based company has been ranked among Forbes' "America's Largest Private Companies." Petroleum Traders Corp., which provides wholesale gasoline and diesel fuel throughout the country, joins the likes of Meijer, Bass Pro Shops and Dell on the list.

Anthem Lawsuit Continues Health Care 'Arms Race'

An associate dean with the Indiana University School of Business says the proposed \$54 billion merger of Indianapolis-based Anthem Inc. (NYSE: ANTM) and Cigna Corp. (NYSE: CI), and the Department of Justice lawsuit to block it, are the results of a continuing "arms race" between insurers and providers. Phil Powell says employers will be paying special attention to the ongoing case, as a merger could decrease price competition and drive up health care costs. He says the results of November's election will also likely play a big role in how hard the government pushes the case.

Grand Park Begins Grand Celebration

A major economic engine in Westfield is now able to hold events year-round. Grand Park Sports Campus is celebrating the official opening of its \$20 million events center over the next three days. The facility will greatly boost the operation's indoor offerings and allow it to attract more non-sports events throughout the year. The facility includes three full-sized indoor soccer fields, office space and a Jonathan Byrd's restaurant.

Zimmer Biomet Investing in India

Warsaw-based Zimmer Biomet Holdings Inc. (NYSE: ZBH) is establishing a medical training and education facility in India. The initiative is part of a multi-year partnership with the Indo UK Institutes of Health designed to boost health care infrastructure in the south Asian nation.

DowDuPont Moves Closer to Fruition

The proposed merger \$130 billion merger of The Dow Chemical Co. (NYSE: DOW) and DuPont (NYSE: DD) has received shareholder approval. Officials say the combination is expected to be complete later this year.

Study: Minority Businesses Bring Billions

A new study is outlining the multi-billion dollar economic impact of certified Minority Business Enterprises in Indiana. The Indianapolis-based Mid-States Minority Supplier Development Council says the results show the 144 companies certified by the organization that are headquartered in the state generate more than \$4.5 billion in business activity per year. The organization says more than 24,600 jobs are linked to MBEs.

City, IPS Moving Forward on \$260M Mass Ave Proposal

The city of Indianapolis has reached a key agreement with Indianapolis Public Schools regarding the major redevelopment proposed for a district-owned former Coca-Cola bottling plant property. The deal gives the city a say in the \$260 million plan, but puts it on the hook for the property's \$12 million sale price should the transaction between IPS and Wisconsin-based developer Hendricks Commercial Properties LLC fall through.

New Brand, New Jobs, New Era For Octiv

The Indiana technology sector is getting yet another shot in the arm. Indianapolis-based TinderBox says it is entering a new era with a major expansion and new brand. The sales technology company has changed its name to Octiv and will invest more than \$3 million to expand its headquarters on Monument Circle in downtown Indy. The expansion is expected to create up to 224 jobs by the end of 2021. The Indiana Economic Development Corp. says the account management, development and sales positions are expected to offer salaries nearly double the Marion County average.

Venture Capitalists Warming to Indiana Companies

Indiana companies are off to their best start in five years in terms of venture capital investment dollars. The quarterly MoneyTree report from PriceWaterhouseCoopers and the National Venture Capital Association shows VC firms have pumped more than \$50 million into Hoosier businesses during the first two quarters of 2016.

Building Permits Rise Again in Central Indiana

The Builders Association of Greater Indianapolis says single-family building permits rose 13 percent in June. Just under 600 permits were issued last month in the nine-county region, compared with 530 during the same month last year.

ROBOTICS PROGRAM EXPANDS STATEWIDE

TechPoint Foundation for Youth says a nearly \$300,000 donation from Guggenheim Life and Annuity Company will fund the first year of a statewide robotics initiative. The program, which involves organizations including VEX Robotics, NASA and Indianapolis-based Project Lead The Way, will include 400 elementary schools in its first year. Former Indianapolis Mayor Greg Ballard and Guggenheim Vice President Karen Maginn discussed the program this weekend on Inside Indiana Business Television.

Organizers say the program will serve 400 elementary schools and 40,000 Hoosier students in its first year. The initiative aims to grow interest in science, technology, engineering and math through robotics. It is initially focusing on fourth and fifth graders, but is expected to expand into middle and high schools.

The state announced the program in April. At the time, Indiana Department of Workforce Development Associate Chief Operating Officer Dennis Wimer said it would address a "critical" need to get kids interested in STEM fields early in their academic careers. In a release, he said the effort sparks excitement among students as "they talk about the competition and they talk about how they're doing this kind of programming or they're doing this kind of robot and the whole time they're talking about the science and engineering pieces of it, and thinking about it more from an enjoyable gaming aspect."

Ballard, who was a champion for the initiative during his time as Indianapolis mayor, says the passion for STEM being sparked by robotics programs is "simply phenomenal."

Source: Inside Indiana Business, Andy Ober

SHELBYVILLE ATTRACTS MORE INTERNATIONAL INVESTMENT

Japan-based Ryobi Limited has announced plans to expand its operations in Shelbyville, creating up to 150 new jobs by 2018. The company will invest nearly \$100 million to purchase and equip a facility next to its existing Shelbyville die casting operations. Ryobi Die Casting Inc. launched in 1985 and employs more than 800 workers. The company says it plans to hire for manufacturing and management positions over the next 18 months.

The Indiana Economic Development Corp. offered Ryobi up to \$850,000 in tax incentives and training grants based on the job creation plans. The city of Shelbyville will also consider incentives.

The announcement marks the latest international investment in Shelbyville in recent months. Last

month, Tokyo-based Nippon Steel & Sumitomo Metal Corp. detailed plans to invest \$50 million to build a 150,000 square-foot facility and create up to 70 jobs by 2021. That facility is expected to be fully operational in 2018.

In March, agriculture equipment company Krone North America announced plans to move its headquarters from Memphis, Tennessee to Shelbyville and create more than 100 jobs by 2021. The \$12.5 million facility will include a distribution center, showroom and training space. At the time, Mayor Tom DeBaun called the move a "huge win" for the city and its work force. Krone is owned by Germany-based Bernard Krone Holding GmbH & Co. KG.

GREGG UNVEILS \$3.2B INFRASTRUCTURE PLAN



Democratic Candidate for Governor John Gregg

The Democratic candidate for governor has unveiled his proposal to fix Indiana's infrastructure needs. John Gregg says the plan calls for \$3.2 billion over the next 10 years without raising taxes.

Gregg says the plan addresses the short- and long-term needs by re-purposing existing state funds to go toward Indiana's roads, airports, railroads and ports.

He says that will generate nearly 55,000 jobs in the state.

"This plan represents a long-term intermodal infrastructure strategy for Indiana," said Gregg. "We have so many opportunities that we are missing. While interest rates are so low, let's utilize some of the existing dollars the state has squandered away to not only repair roads and bridges, but to make strategic investments that will spur business growth and improve the quality of life in communities statewide."

The plan includes spending \$200 million to establish the Hoosier State Infrastructure Bank, which would act as a revolving loan fund to support local projects. It also calls for the establishment of an infrastructure roundtable with private sector experts to research state and local needs, an open and searchable infrastructure database and increasing intermodal opportunities.

"Neglecting our infrastructure for so long has not only hurt Hoosier families that have had to foot the bill for expensive vehicle repairs, it has impacted our businesses and made Indiana a less desirable and efficient place to grow and create jobs," said Hale. "We can turn that around, but it's going to take new leadership, new priorities and a willingness to work across the aisle."

Gregg and Hale are also calling for \$16 billion to be spent over the next 20 years to fix the state's water infrastructure. The campaign says it will outline a more detailed strategy later this summer.

HOOSIER HOSPITALS AMONG 'MOST WIRED'

More than a dozen Indiana hospitals and health systems are being recognized among the "Most Wired" by the American Hospital Association's Health Forum. The designation is given to hospitals based on their adoption of information technology resources.

Hospitals & Health Networks magazine, which publishes the list, says this year's list includes hospitals and health systems that are boosting cybersecurity efforts as well as telehealth and population health capabilities. The list was determined by a survey, conducted between January 15 and March 15, of more than 34 percent of all U.S. hospitals.

"Hospitals are breaking-out of their traditional four walls and providing care where and when patients need it," said Rick Pollack, chief executive officer of the AHA. "These Most Wired hospitals exemplify this transformation by harnessing technology, engaging patients and offering services remotely. And, removing policy and other barriers to telehealth will allow even faster adoption of these amazing technologies."

Source: Inside Indiana Business, Alex Brown, Multimedia Journalist



FINANCIALLY SPEAKING

The "Brexit Panic"—we've seen this movie before



Mr. Kim is the Chief Operation Officer and Chief Compliance Officer for KIRR Marbach & Co. LLC, an investment adviser based in Columbus IN. Please visit www.kirrmr.com.

watching the Dow plunge hundreds of points in a matter of minutes, it's easy to believe you're staring into the abyss. We understand because we feel the same visceral fears and emotions.

At the same time, one of our primary roles as professional advisors is to put our emotions on the shelf and help prevent our clients from doing things harmful to their long-term financial future. In other words, we have to trust our experience and process (i.e. finding high quality companies whose stocks we believe are undervalued), no matter what.

If we're correct in our assessment of "high quality," then the businesses should not be materially negatively impacted by Brexit (or the panic du jour). Brexit will take years to unfold. Whether it ends up being more of a political vs. economic event, it will likely lead to increased volatility.

My friend Carl Richards of BehaviorGap.com recently published excellent advice on helping clients deal with "scary markets." First, be thankful you're the one they turn to in times of trouble. Second, empathize with the very real emotions they are feeling. Third, if they say they want to sell everything, ask if this is a permanent exit or, more likely, temporary.

If it's the latter, if you ask when they intend to get back in, you'll probably get some variation of "when the dust settles." If it follows prices will be higher when that happens, then that sounds a whole lot like selling low and buying high—not a recipe for long-term success.

Investors didn't get Paul Revere's "the British are leaving" warning this time. Remember what Benjamin Graham (Warren Buffett's professor), said: "In the short run, the market is a voting machine (i.e. prices set by fear/greed) but in the long run, it is a weighing machine (i.e. prices set by company fundamentals)."

You probably heard the upcoming June 23 referendum would determine whether Britain would remain a member of the European Union ("Brexit") or leave ("Brexit").

With global markets strong in anticipation of Brexit, you probably didn't care about the referendum when you went to bed that night. However, by the time you woke the next morning, you cared Brexit prevailed—a lot.

On Friday, June 24, stocks cratered worldwide. On cue, the talking heads and headlines poured gasoline on the fire as they blared about "a Lehman Bros.-like contagion worse than 2008," and other dire warnings of impending apocalypse. Best of all, the various Drs. of Doom had all weekend to pile on and further heighten investor anxiety.

If we're going to call this movie the "Brexit Panic," then it is surely the sequel to the "Oil/Commodity Price Collapse Panic" (earlier 2016), the "China Currency Devaluation Panic" (2015) and the "Greek Default/Grexit" Panic" (its own series). Actually, the current Panic is a sequel to all the Panics that preceded it.

Panics are scary episodes that evoke your primal "fight or flight" survival instincts. When you're

The Indiana representatives on the list include:

- Community Health Network – Indianapolis
- Deaconess Health System – Evansville
- Hancock Regional Hospital – Greenfield
- Indiana University Health Blackford Hospital – Hartford City
- Marion General Hospital
- Parkview Health – Fort Wayne
- Reid Health – Richmond
- Richard L. Roudebush VA Medical Center - Indianapolis
- Rush Memorial Hospital – Rushville
- St. Joseph Health System – Mishawaka
- Union Hospital – Terre Haute
- Union Hospital Clinton
- VA Northern Indiana Health Care System – Marion