

The Future of Business in Pittsburgh

July 2022

Omnicell Puts Life-Saving, Cost-Saving Robots in More Pittsburgh Hospitals

Omnicell, a multibillion dollar multinational technology company that traces its roots to 1989 when it began as Automated Healthcare in Pittsburgh, has announced a partnership with the Allegheny Health Network (AHN) to provide central pharmacy dispensing and medication management technology to over a dozen AHN hospitals in the Pittsburgh area.

“Patient safety is one of our highest priorities at Allegheny Health Network and we are excited to be implementing a leading-edge medication management solution that will further enhance our pharmacy safety protocols,” said Laura Mark, vice president, Pharmacy, at AHN. “Better visibility to our pharmacy supply chain will help drive a safer, more efficient, and ultimately, more cost-effective pharmacy operation across our growing network.”

According to a press release, Omnicell’s long-term partnerships with more than 140 of the Top 300 U.S. health systems, including AHN, are advancing the journey to the Autonomous Pharmacy, a roadmap to develop a zero-error, fully automated medication management infrastructure. Leveraging automation, intelligence, and technology-enabled services, the Autonomous Pharmacy will empower pharmacists, nurses, clinicians, and pharmacy staff to focus on patient and clinician satisfaction.



This announcement comes on the heels of Omnicell unveiling their new IVX Station, a fully automated IV compounding robot that supports three times the throughput speed of current IV robotic technology. “Over the last two years, the healthcare industry has faced staffing and supply chain shortages, as well as rising costs, that are fundamentally changing pharmacy care,” said Scott Seidelmann, executive vice president and chief commercial officer at Omnicell. “Omnicell is committed to continually innovating and delivering new technologies like IVX Station that are designed to help overcome these challenges, making pharmacy care smarter and safer for all.” Learn more at <https://www.omnicell.com/>

Omnicell’s IVX Station is the foundation of their IV Compounding Service.

Pittsburgh Nonprofit Ushers in Responsible Tech Innovation

The Partnership to Advance Responsible Technology (PART), a Pittsburgh-based independent nonprofit organization, was created because of a recognition of how much emerging-technology (including AI) is poised to disrupt the social, economic, educational, and political fabric of our society—and also when harnessed properly, could advance humankind immensely. PART aims to enable leaders and communities to become better informed and equipped for the positive and negative ramifications from the increasing integration of technology into our lives.

PART was founded and is governed by a team of interdisciplinary experts such as AI researchers, technology ethicists, legal consultants, and professionals working in areas such as autonomous systems, policy, education, and more. It was purposefully created in Pittsburgh because the region is an “epicenter of emerging-technology,” and as such is well-positioned to act upon the guidance and learnings of PART.

Some of those learnings have been published in a report titled “How Pittsburgh Can Build a Better Innovation and Emerging-Technology Economy Through Connectivity, Density, and Collaboration,” an 86-page document based on a year of study and interviews with over 200 members of Pittsburgh’s technology ecosystem.

According to the report, PART’s ultimate goal was to better understand the Pittsburgh ecosystem’s operations and make tangible recommendations about how to capitalize on current and future opportunities— specifically around growing the innovation and emerging technology economy in general, and doing so responsibly with inclusiveness and accessibility in mind.

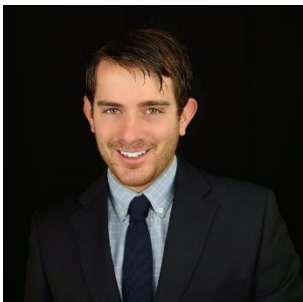


Pittsburgh continues to rise in the ranks of global PART Executive Director Lance Lindauer speaks at the Responsible Technology Summit (PART)

The release of this study was followed-up by an in-person [Responsible Technology Summit](https://www.responsibletech.ai/), which “focused on exploring the ways the Pittsburgh-region can lead the global discussion on what responsible technology means, and how it can influence society and the future.” Learn more about PART and read their report at <https://www.responsibletech.ai/>

Pittsburgh Business News and Updates

- Near Earth Autonomy picks up \$10M investment (<https://www.bizjournals.com/pittsburgh/inno/stories/fundings/2022/06/24/near-earth-autonomy-kaman-corp-investment.html>)
- Finish Robotics uses AI to bring autonomous painting to life (<https://www.bizjournals.com/pittsburgh/inno/stories/news/2022/05/11/apollo-neuro-new-chief-technology-officer.html>)
- Industry leaders discuss the future of robotics in healthcare in Robotics Row (<https://technical.ly/startups/pittsburgh-robotics-healthcare/>)
- Pittsburgh is a “Tech City” (<https://oneamericaworks.org/blog/we-are-a-tech-city-pittsburgh-mayor-ed-gainey-declares-at-oaw-event/>)
- The first electronic information network’s Pittsburgh roots (<https://briem.medium.com/the-first-network-8618f9919918>)
- Lucas Systems finds that employees value tech in the workplace (<https://www.bizjournals.com/pittsburgh/inno/stories/news/2022/06/30/lucas-systems-ai-warehouse-report-tech-use.html>)



About Ryan

Ryan O'Shea is a JETRO Investment Advisor focused on connecting Japanese companies to opportunities in Pittsburgh, Pennsylvania. He is the host of Future Grind, a podcast that explores the ethics and impact of emerging science and technology, and also works with the Pittsburgh Robotics Network. In 2017, Ryan co-founded an artificial intelligence startup that was named a Top 10 team in the IBM Watson AI XPRIZE. Ryan has represented NASA and CalTech's Jet Propulsion Laboratory as a Solar System Ambassador and serves both as a World Economic Forum Global Shaper and an ambassador for Pittsburgh AI. He is a graduate of the University of Pittsburgh & serves on the boards of multiple non-profit organizations.