

# AMBITION NEEDS AN ECOSYSTEM

One way to experience the Science Center is by taking a metaphorical journey along the startup path that connects entrepreneurs who have an idea to the infrastructure and the ecosystem that can help them grow and thrive. The Science Center demonstrates that no matter where an entrepreneur is along the startup spectrum, there is a place—and a program—for him or her at the Science Center.

[READ THE LETTER](#)



Science Center President & CEO Stephen S. Tang, Ph.D., MBA, left, and Board Chairman Craig Carnaroli are charting a path for the Science Center's next 50 years.

## LETTER FROM THE CHAIRMAN AND THE PRESIDENT

This has been a milestone year of celebration, transition and growth for the Science Center. As the oldest urban research park in the United States, we proudly commemorated our 50th anniversary; we commenced construction on our first residential building; and we launched a new collaborative co-working space. Through these activities and others, we have laid the foundation for the Science Center's next 50 years.

We wanted this Annual Review to exemplify the positive change and growth evident throughout the Science Center—and going digital was a natural choice. We're mirroring the activities of the innovators we support by taking a fresh, sustainable and entrepreneurial approach to the presentation of our activities over the past year.

Indeed, we're dedicated to providing, nurturing and supporting the innovation ecosystem and the leadership and ingenuity that goes along with it. As you browse through this micro-site, you will see that the Science Center is living its tagline: Ambition needs an ecosystem.

### TWO PATHS

There are two paths that one can take through the Science Center—the literal and the metaphorical.

A walk along Market Street from one end of our campus to the other will take you from Penn Medicine University City's new facility at 3737 Market, past the buildings that house our Port business incubator, alongside established residents like the Monell Chemical Senses Center, down to our newest collaborative workspace, the Innovation Center @3401.

Or you can take a metaphorical journey along the startup path that connects entrepreneurs who have an idea to the infrastructure and the ecosystem that can help them grow and thrive. From QED to Quorum to the Port, the Science Center demonstrates that no matter where an entrepreneur is along the startup spectrum, there is a place—and a program—for him or her at the Science Center. And younger entrepreneurs can interact with the Science Center through our STEAM Initiatives program and the mentorship and internship programs we support.

At the Science Center, we're firmly committed to both the physical and metaphorical paths. Together they provide an ecosystem where ambition can thrive. The stories on this site and the profiles of the people behind them will show you how.

#### **Stephen S. Tang, Ph.D., MBA**

President & CEO  
University City Science Center

#### **Craig Carnaroli**

Chairman of the Board  
University City Science Center

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- PORT
- QUORUM
- QED
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# our PROGRAMS

## INCUBATE PORT

2014 has been a year of growth and expansion for the Port business incubator as the Science Center developed new spaces, new programming and new partnerships to support entrepreneurs in the health IT and digital creative spaces, as well as life sciences. One theme, however, remains constant: the Port offers more than the physical infrastructure of office and lab space. Port residents are immediately plugged into a rich network of resources where they can access the programs, the people and the support to grow their businesses.

[\[READ MORE\]](#)

## CONVENE QUORUM

“Real information from the source,” is how one program attendee summed up Quorum’s wide-ranging offerings. From the industry experts and experienced entrepreneurs that Quorum’s programming attracts, to the community of startups connecting through shared stories of successes and challenges, Quorum continues to provide the foundation for entrepreneurs to meet, collaborate and build a community of like-minded thinkers. Or as another attendee put it, “Starting a business is intensely personal. Efforts like Quorum find ways to give entrepreneurs comfort that their ideas are valued and secure”. [\[READ MORE\]](#)

## COMMERCIALIZE QED

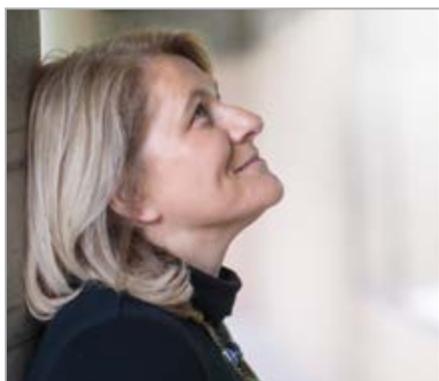
As the QED program began its seventh round in May 2014, one of its newest academic partners, Penn State University, expanded its involvement from the Medical College at Hershey to include its main campus at University Park. Since its launch in 2009 as the nation’s first multi-institutional proof-of-concept program for the life sciences, QED has screened 350+ submissions from researchers at partner institutions in Pennsylvania, New Jersey and Delaware and helped researchers develop 65+ proof-of-concept plans. The outcome to date? Six licensed technologies that have the potential to positively disrupt the healthcare landscape. [\[READ MORE\]](#)

## COMMUNITY STEAM

What happens when you put kids in front of microscopes and teach them how to make selfies from their DNA? Some would say magic; at the Science Center, we say STEAM! Through youth programming, mentorships, and educator workshops that encourage creative exploration and experiential learning, the Science Center is using Art to encourage entry into the STEM fields of Science, Technology, Engineering and Math—and ensuring that today’s generation of students is prepared to become tomorrow’s innovation workforce. [\[READ MORE\]](#)

# PROFILES

There's more to the Science Center than the offices, labs and infrastructure that make up our campus. The diverse people who fill these spaces are the foundation of the Science Center. They are the program participants, the entrepreneurs and the innovators who bring our campus to life.



When Choosito! CEO **Eleni Mitsakaki** realized she needed to be part of an incubator, she decided to approach the Science Center. [\[READ MORE\]](#)



**Ryan Draving** started coding when he was 15. These days you can find him in Quorum working on one of his two startups. [\[READ MORE\]](#)



The QED Selection Team thought so highly of **Sam Gunderson's** work that they funded two of his projects! His second QED project focuses on pancreatic cancer. [\[READ MORE\]](#)



"I think it's cool to feel like I'm actually doing something with science," 14-year-old **Jalen** said at a Polymer Play session. [\[READ MORE\]](#)



Trained as a physician, but an entrepreneur at heart, **Keith Leaphart** is caffeinating and inspiring his customers at the Science Center's newest gathering place, Creative Café @Replica. [\[READ MORE\]](#)



Invisible Sentinel co-founders **Ben Pascal**, left, and **Nick Siciliano** are on a mission to make foodborne illness a thing of the past as they expand and grow their company at the Science Center. [\[READ MORE\]](#)



“Transitioning from being an academic to an entrepreneur was a major, major change of perspective. Being surrounded by other entrepreneurs has made it much easier. I had to reset my priorities and the way I learned new things: shifting my focus from experimental research data to people—and trying to understand their needs. It’s very challenging. I’ve been an academic for my entire life. But I’m having quite an adventure!”

EXPLORE  
▼

As Choosito! CEO Eleni Miltsakaki made the transition from academic to entrepreneur, the Science Center’s Port business incubator provided crucial support and connections.

### my ENDEAVOR



**At Choosito!, we’re blending research and linguistics,** the psychology of reading, natural language processing and machine learning to build the world’s first real-time, trusted curator of web content.

The World Wide Web is not a library with catalogued information. For example, a fourth grader searching for “Peru” using a typical search engine may be faced with travel blogs and information sites written for high school and beyond. Even the relevant ones may be beyond the student’s reading level.

Choosito! analyzes the reading level and subject category of any website. It learns from and responds to the needs of the user—automatically and in real time. Learners can engage with content that matches their reading level, background and interests.

Our technology offers an unprecedented opportunity for differentiated learning and helps students understand and critically engage with the information that’s available to them.

### my PROGRAM



**Before we came to the Port,** we were running pilot studies and got a lot of experience in what teachers wanted and how our product would work in the classroom. But then we needed to build the business.

That’s when we realized, “We need to be part of an incubator so we can talk to people and get the help that we need—connections to business, to people who can help us with marketing, with finances, with investment, and with strategic planning.” And that’s when we decided to approach the Science Center.

We were able to plug in to the people and resources we needed—immediately.

[\[READ MORE ABOUT THE PORT\]](#)

### my NETWORK



**The Science Center has played an important role in expanding our network.** The team here has made critical connections with big education publishers and also given us suggestions and contacts to explore potential opportunities for Choosito! in the medical domain. They have also promoted Choosito! for potential partnerships.

We are collaborating with several schools in the Lower Merion School District and charter and magnet schools in the Philadelphia School District, as well as special education and other private and public schools in Delaware.

We are actively engaged with the tech and ed-tech communities in Philadelphia. There are a number of local meetups where education technology startups can get connected with teachers. These are really helping to create positive relationships between startups and teachers. Being embedded in the community has really allowed us to get involved!

### my HABITAT



**Location was critical.** Proximity to Penn was important because we have advisors there. Our team has already grown because we can attract talent coming out of the universities.

Being in an environment that has a vibrant university presence is very important to me. It makes me feel comfortable that there are brilliant people to talk to that can help me and the business.

We love our office. We have plenty of room to operate. We have an advisor and an investor on the other coast, so we need to have Skype conference meetings often and we get support for that.

I also love Philadelphia because it has a great balance between city life and quality of life. I used to think the only thing Philadelphia was missing was a vibrant startup scene; now that’s emerging. And I love it!



“My dad is a computer consultant, so technology and sales have always been in my landscape. I started coding at 15, along with mowing lawns, shoveling snow. Today, my North Star is space-age social selling, and my spaceship is Quorum. The encouragement and positive support I get here is my Mission Control. My friends would describe me as playful, positive, focused, driven. Did I also mention sensitive?”

EXPLORE



Ryan Draving, co-founder of Referable.com, is at home in Quorum. Through space, programming and networking, Draving takes full advantage of all that Quorum offers.

## my ENDEAVOR



**I co-founded Referable in 2011.** We acquired the domain Referable.com because it echoes the critical edge we provide to our clients—referrals from a proprietary network of highly connected executives. Like Quorum, Referable.com is all about developing a strong and effective network! We learned about Quorum from Kinext, a consultant we worked with to focus our strategy. They work from Quorum for a change of scenery two or three times a month. They're brilliant at facilitating out-of-the-box thinking, and were central to our laser-focus on enterprise social selling and referrals.

## my PROGRAM



**We have people working in other locations,** but hands down my favorite space—and my personal home base—is Quorum. It's a gorgeous, flexible space. We can hop up on the white board and when we are looking for a change of scenery we head over to the windows that overlook University City and enjoy the sunlight streaming in. It's also a great place to meet with clients. The décor and the ambience give us instant professional credibility. The programs that put us in the same room as investors—like the Funder Fair—are also a big plus!

[\[READ MORE ABOUT QUORUM\]](#)

## my NETWORK



**My network has grown since I started coming to Quorum.** We have met multiple investors who we established relationships with through the Science Center and Quorum, and received subsequent offers of funding. Some of the events we've attended at Quorum like Philly Tech Meetup and Coffee & Capital are the best networking events in the city. Several times a week we get together with the people from Colabination and HootBoard (who also work out of Quorum) and give each other feedback. The other day, we all went out to the park, ate lunch and played Frisbee.

## my HABITAT



**Every day, we go to Nosh Deli** for a kickoff meeting with our top executives over breakfast. It's only a block from Quorum. Chipotle and Han Dynasty are our two favorites for lunch. After work, we will sometimes go to the Rave movie theater at 40th and Walnut. The ultimate wind-down is walking seven blocks down Market Street to the Schuylkill Banks trail. It's in the heart of the city, but right on the water. I feel incredibly fortunate to work with a team that feels like family, and to have a workplace that feels like home.

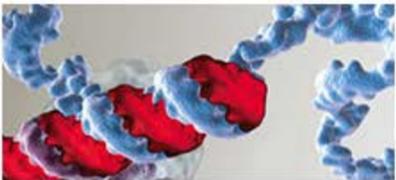
“To see my basic science research have a chance to evolve into something that can actually cure disease is very cool and really, really exciting! Through QED, I now better understand how the science I work on can become a business, and ultimately, a product that can help people. As a scientist, I’ve had to learn how to talk to investors—kind of like a high-technology version of *Shark Tank*.”

## EXPLORE



Sam Gunderson's gene-silencing technology could result in new ways to help patients with pancreatic cancer. Gunderson is the first scientist to receive two QED awards.

### my ENDEAVOR



**Pancreatic cancer is one of the most deadly forms of cancer**—the majority of patients die within a year of diagnosis. Even though key genes that contribute to the development of pancreatic cancer have been identified, we haven't been able to use them to create early detection or treatment options. This is surprising, since mutations in one of these genes, KRAS, are present in more than 90 percent of pancreatic tumors!

We have developed a unique approach to “silencing” genes, including mutated cancer genes like KRAS. Our technology, based on U1 Adaptors, is different from any other gene-silencing method. We hope it will enable a product that will halt and regress pancreatic tumors by suppressing mutated KRAS genes. We know it works in the test tube, but we don't yet know if it works in the body.

### my PROGRAM



**QED was the first money we got** to test the technology in complex biological models. Prior to our first award in 2010, the U1 Adaptor technology had only been used in animal cells growing in a dish. We are using our second QED award to develop and validate a KRAS U1 Adaptor product to treat pancreatic cancer.

QED differs from most support I have received as an academic researcher. They don't simply hand you money because they like what you are doing. They provide other support and business training, which is especially valuable for professors and academics who have little experience with the business side.

Having someone take a chance on my work was critical to making the leap from concept to potential therapy. As the first-ever recipient of two QED awards, I have a great sense of hope for the patients that my technology could ultimately help.

[\[READ MORE ABOUT QED\]](#)

### my NETWORK



**Dr. Rafal Goraczniak was the first employee of SilaGene**, a company we spun out of Rutgers based on the U1 Adaptor technology. As a senior scientist in my laboratory at Rutgers and co-inventor of the U1 Adaptor technology, it was a natural transition for Rafal to jump from academia to SilaGene, and he's still its chief science officer today.

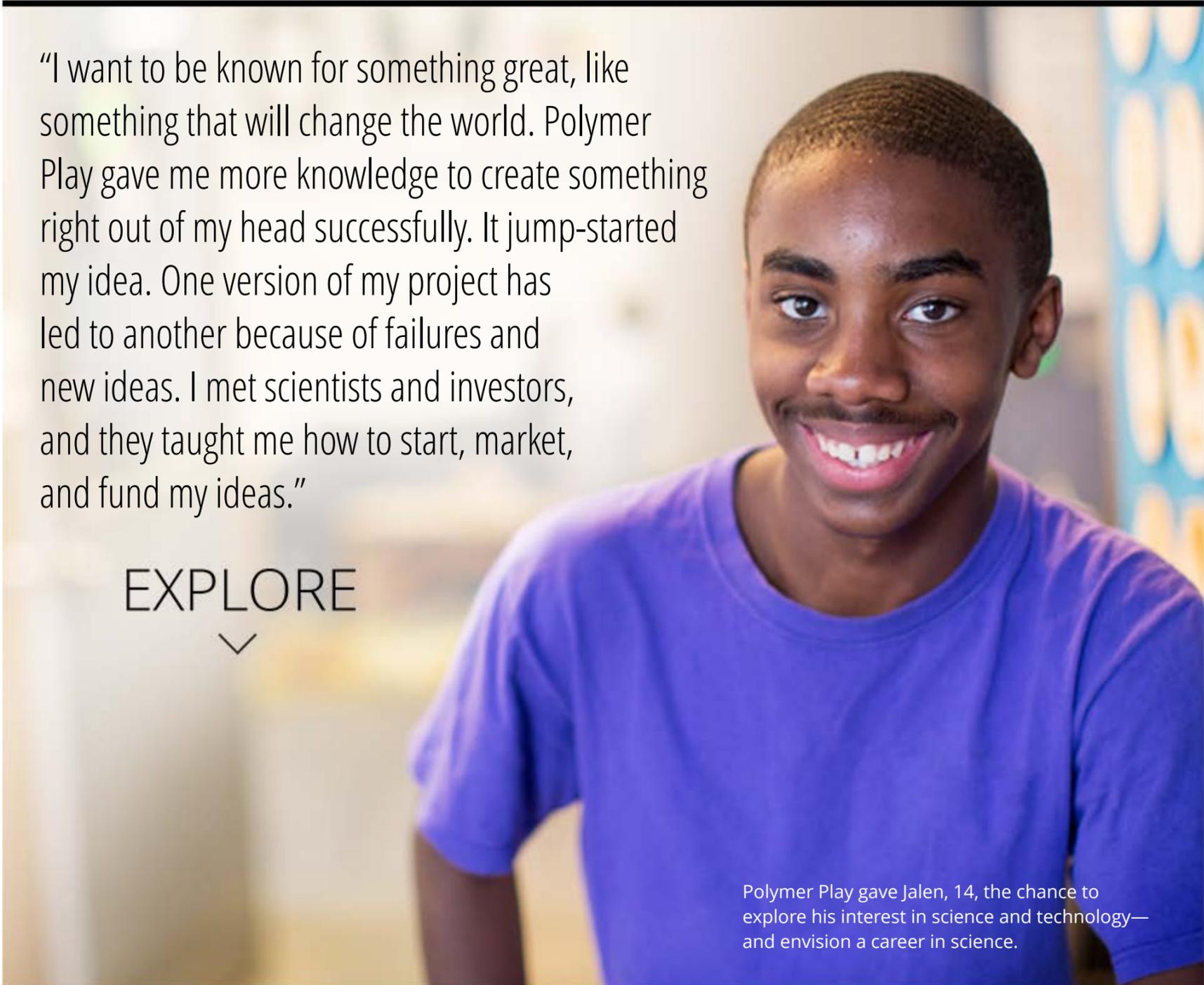
Our involvement in QED linked us up with Dr. James Ballance, who was a business advisor to our first project in 2010. Jim has since joined SilaGene as chief business officer. His knowledge, experience and networks have enabled my technology to transition from a QED grant to a real company in the biotech industry.

### my HABITAT



**I have one foot in the academic world** and one in the business world. While I'm connected to the Science Center through the QED network, I am not physically there that often. When I am at the Science Center, I'm meeting with my Business Advisor, or potential investors and collaborators.

In New Jersey, I'm either in my lab or the classroom at Rutgers or at SilaGene's labs. We continue to develop our technology so that we can attract investment in SilaGene, through venture capital, industry partnerships, and other mechanisms. Thanks to QED, at this point we know what needs to be done.



“I want to be known for something great, like something that will change the world. Polymer Play gave me more knowledge to create something right out of my head successfully. It jump-started my idea. One version of my project has led to another because of failures and new ideas. I met scientists and investors, and they taught me how to start, market, and fund my ideas.”

## EXPLORE



Polymer Play gave Jalen, 14, the chance to explore his interest in science and technology—and envision a career in science.

### my ENDEAVOR



**“I love everything that has to do with technology and science.”**

Jalen, 14, from KIPP Charter School in West Philadelphia, was excited to explore his interests in depth when he signed up for Polymer Play, a program run by STEAM Initiatives at the Science Center. Making bio-plastic, experimenting with reverse engineering, and designing a wallet from recycled plastic bags only begin the list of STEM projects that Jalen has combined with design and his own creativity. Jalen was excited to use what he learned as he presented his final project, a windmill made from bio-plastic and a reverse-engineered motor.

### my PROGRAM



**“I think it’s cool to feel like I’m actually doing something with science,”** Jalen says. By providing students with the opportunity to approach STEM subjects with art and design, Polymer Play cultivates interest and bridges the gap between scientists and students like Jalen. Through multi-step group projects and site visits to workplaces in the STEM fields, students successfully build leadership skills and confidence along the way. And that’s important. Polymer Play addresses a serious economic concern within the Philadelphia workforce and school system. Only 30% of 11th grade students are proficient in algebra and biology, and under-resourced schools mean students are graduating unprepared to enter the STEM workforce. Polymer Play, which is funded by Cognizant Making the Future, supports the mission of STEAM Initiatives by investing in Philadelphia’s future scientists, innovators and entrepreneurs.

[\[READ MORE ABOUT STEAM\]](#)

### my NETWORK

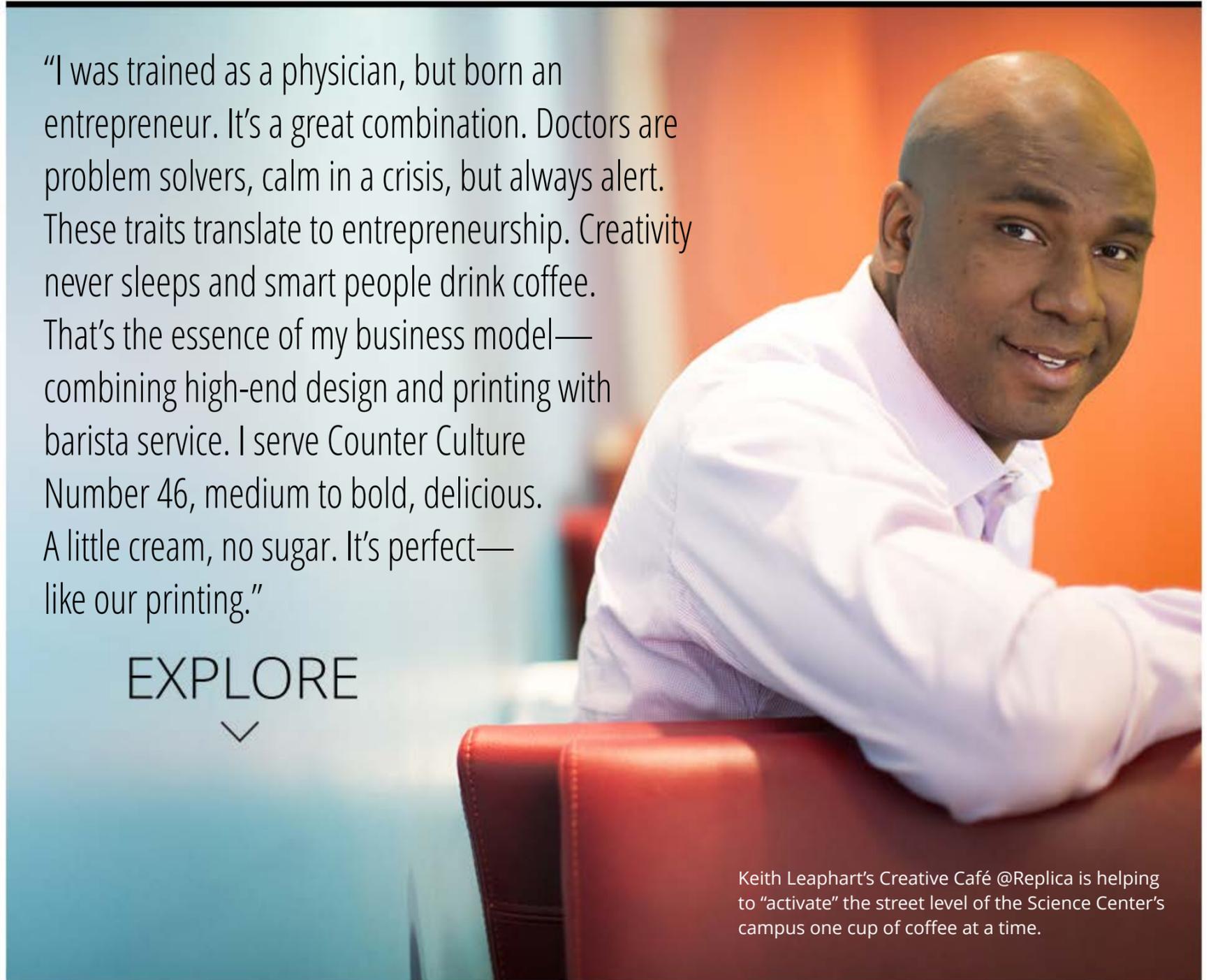


**Jalen is not just observing innovators from afar;** he is also retaining advice from real-life scientists at the Science Center labs. During a lab tour, Research Scientist Christopher Wagner from Parsortix, a startup that is developing cell separation technology to detect cancer cells, emphasized to students the importance of note-taking. When asked what he learned that day, Jalen referenced his notes and said “Science is about reproducing results.” As a research scientist, Wagner finds these experiences equally beneficial. “Speaking to a student group is a great opportunity to see how effectively we are communicating our research content to a general audience,” he explains. “The honesty of kids as a sounding board is refreshing.”

### my HABITAT



**The Department of Making and Doing** has been home base for Polymer Play students every Wednesday. The on-campus collaborative workspace allows Jalen to immerse himself in science with the rest of the Science Center labs and offices just an elevator ride away. While working on projects and doing experiments, students are surrounded by other entrepreneurs and innovators in various stages of the creative process. Now that he’s been a part of Polymer Play, Jalen says “I would like to work in a workspace like the Science Center.”



“I was trained as a physician, but born an entrepreneur. It’s a great combination. Doctors are problem solvers, calm in a crisis, but always alert. These traits translate to entrepreneurship. Creativity never sleeps and smart people drink coffee. That’s the essence of my business model—combining high-end design and printing with barista service. I serve Counter Culture Number 46, medium to bold, delicious. A little cream, no sugar. It’s perfect—like our printing.”

EXPLORE  
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Keith Leaphart’s Creative Café @Replica is helping to “activate” the street level of the Science Center’s campus one cup of coffee at a time.

my ENDEAVOR



**My business model is the first in the country** to combine design and print with coffee and comfort food. We have a very welcoming environment, more like a social spot than a print shop. Kinkos® meets Starbucks®. Sometimes the two intersect and we can review the proof of a portfolio over a latte with a client. We work with everyone from brides-to-be to corporate giants. We are perfectionists by nature, with six trained graphic designers in-house. Their skill level is far higher than anyone on the street.

my PROGRAM



**With our success in Center City and at the Science Center,** we are now preparing to franchise and expand our concept. My goal, right now, is to get Creative Café @Replica off the ground and growing, first in Greater Philadelphia and then in other high-visibility, high-traffic locations in the Delaware Valley. After that, we can spread out across the country.

my NETWORK



**I love to be around innovative people.** Entrepreneurs inspire me every day, plus I get feedback from other entrepreneurs. I’m tremendously inspired by Energy Plus™, the energy startup born in the Science Center, developed in the Science Center, and eventually sold out of the nest. I’d love my business model to achieve that level of financial success. I’m also impressed by the young entrepreneurs at the Science Center with startups like Colabination. They are making it happen. Outside of my business network, you’ll find me advocating for disadvantaged kids in Philadelphia as part of my work as chairman of the board of the Lenfest Foundation.

my HABITAT



**My office is a fish bowl, all glass** I can see all the traffic. People look at me, which is kind of weird, but I am exactly where I want to be. I like to be able to see people coming and going. Han Dynasty is right next door, the most authentic Chinese food in the city, and a home run with customers.



“Entrepreneurship is a dynamic, demanding and rewarding career path. When I was younger, I didn’t consider becoming an entrepreneur. Now, I can’t imagine doing anything else! The little questions can be the hardest—what insurance do we need? Where do we get it? The Science Center has been helpful in that area—and so many more. Now young entrepreneurs are asking us questions. Unless they’re a competitor, we’ll tell them the truth!”

EXPLORE  


Invisible Sentinel co-founders Ben Pascal, left, and Nick Siciliano, quoted at right, are on a mission to make foodborne disease a thing of the past.

## my ENDEAVOR



**In 2007 we had an idea...that’s about all we had.** Now we have a thriving company that is making foodborne disease a thing of the past. We’ve created a simple, yet sophisticated device that detects bacterial contamination in food and beverages from farm to factory to fork. Veriflow was developed here in our labs. It’s a hand-held cassette—similar to a drugstore pregnancy test—that’s easy to use, fast and accurate.

We spent the first two-and-a-half years securing financing. By 2012, our first product was ready. In 2013, we closed on \$7 million in venture capital. We’re using that money to drive our growth and expand our platform technology into new industries. For example, we recently partnered with Jackson Family Wines to commercialize a diagnostic to detect *Brettanomyces*, a yeast that can impact a wine’s flavor.

## my PROGRAM



**Next? We’re expanding in every sense of the word!** Over the last eight years, we’ve developed several products that are now approved and on the market. We’re actively growing our sales and marketing team. We’ve expanded our management team as well, and are focused on scaling our production from experimental volumes to meet our sales needs.

Literally bursting at the seams, we are looking forward to graduating from our labs and offices in the Port incubator and moving into our new headquarters—7,500 square feet just one floor up from where we are now!

We’re staying in the Science Center and we’re making a commitment to the City of Philadelphia—we want to keep manufacturing here. The region has been good for us, and we see no need to change a winning formula!

## my NETWORK



**We’re fortunate to have a network** of accomplished life science executives as well as seasoned service providers that serve as mentors for us. The Science Center has been among our strongest advocates. The entire team, across executive, real estate, incubation, marketing and administrative functions, have all been fantastic for us. Being here has enabled us to access the broader community and has given us exposure to industry leaders.

We’ve got a wealth of knowledge around us. Between the other companies at the Science Center, all of the universities in the immediate area, the great institutions, and finally all of the pharmaceutical and med-device companies within a half hour of here, we have a huge wealth of knowledge and an incredible employee pool to choose from.

## my HABITAT



**The Science Center is our home away from home.** It’s a fun place. Every month there’s some program or event we’re going to because of the topic, speaker, etc.

Nick was born and raised in the area so it’s familiar to him. While not a native, Ben loves Philly—especially the food scene.

Our work is all-consuming. That’s why we’re glad to be here where so much is taken care of for us. We travel a lot on business, and when we’re here we don’t get out of our labs very often. But we make sure the team gets a chance to blow off steam and have some fun. We’ll do happy hours, lunches—and hold the occasional competitive eating contest. Eleven donuts in under 30 minutes is the number to beat!



2014 has been a year of growth and expansion for the Port business incubator as the Science Center developed new spaces, programming, and partnerships to support entrepreneurs in the health IT and digital creative spaces, as well as life sciences. One theme, however, remains constant: the Port offers more than the physical infrastructure of office and lab space. Port residents are immediately plugged into a rich network of resources where they can access the programs, the people, and the support to grow their businesses.



**GLOBAL SOFT LANDING**

The April 2014 visit by Italian Ambassador Claudio Bisogniero, pictured above, to the Science Center exemplifies the influence and attraction of the Port's Global Soft Landing Program. With 11 international companies representing 10 countries, Global Soft Landing gives the Port an international flavor. Behind those numbers are strong partnerships with groups across the globe.

For example, the Science Center partnered with the Consulate General of Canada to host a second round of the Canadian Technology Accelerator in the fall of 2013 and a third round in spring 2014. The startups have focused on everything from hand-washing hygiene to telemedicine solutions for in-home hospice care services to online healthcare communities.



**DIGITAL HEALTH ACCELERATOR**

Sixty-seven companies from four countries competed for six spots in the Science Center's new Digital Health Accelerator. Beginning in June 2014, six health IT companies will receive up to \$50,000 each, space in the Port, professional mentorship, and warm introductions to healthcare stakeholders in the Greater Philadelphia region.

"As the healthcare and IT sectors converge, digital health is rapidly becoming an area of opportunity for forward-thinking entrepreneurs. With its concentration of healthcare providers and a growing start-up sector, Greater Philadelphia is well positioned to become a leader in the development of the health IT sector," says Science Center President & CEO Steve Tang. "Through programs like the DHA, the Science Center is a natural location for these new companies." The Digital Health Accelerator is funded in part by the Pennsylvania Department of Community & Economic Development's Discovered and Developed in PA program.



**INNOVATION CENTER @3401**

The newest space on the Science Center campus for entrepreneurs, the Innovation Center @3401, demonstrates our commitment to collaboration—both in its genesis and its execution. A partnership with Drexel University, ic@3401 gives companies working in the IT sector a home among the universities, research institutions and innovative minds that make up University City.

Located at 3401 Market Street, ic@3401 is designed to bring together startup, growing and established companies in the IT sector to work side-by-side with designers, programmers and freelancers as they develop their ideas, grow their companies and contribute to one of Philadelphia's fastest growing innovation hubs. Between a co-working space and dedicated offices for startups, DreamIt Ventures' global headquarters and space for Point.io, a mid-sized IT company, ic@3401 offers a community of collaboration, capital and connections.

**PROFILE: ELENI MILTSAKAKI**



When Choosito! CEO **Eleni Miltakaki**

realized she needed to be part of an incubator, she decided to approach the Science Center. [\[READ MORE\]](#)

**PORT RESIDENT COMPANIES**

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- QUORUM
- QED
- STEAM



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**PORT BUSINESS INCUBATOR RESIDENTS**

Home to a diverse group of early-stage companies in life sciences and emerging technologies companies, the Port is often a startup's first stop on its path to growth. These incubator residents are shaping the future of healthcare, energy, technology and beyond.

Adaptimmune	Cognizance Biomarkers	iPraxis	PhenGen Biotech
Admire Capital	CTA for Health IT	Lenima Field Diagnostics	ReGenX Bio
AUM LifeTech	Cytovas	Optiflame Solutions	RSC Worldwide
BGI Health Americas	Epitek	Parsortix	SAB Technology
Bioscript Science	Graphene Frontiers	Pennsylvania Drug Discovery Institute	Swell
Capish	Grupo HDI	Persistent Telecom Solutions	Targeted Therapeutic Solutions (TTS)
Charlesworth Group (USA)	Hyalo Technologies	Persona Partners	Vector Biolabs
Choosito!	Innolign Biomedical		Viventia Bio
	Invisible Sentinel		

**PORT AFFILIATES**

BioAdvance	NUS America	Temple University—Office of Technology Commercialization and Business Development
MedCity Media	Robin Hood Ventures	

As of May 9, 2014

**▶ PROFILE: ELENI MILTSAKAKI**  
When Choosito! CEO **Eleni Miltakaki**



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“Real information from the source,” is how one program attendee summed up Quorum’s wide-ranging offerings. From the industry experts and experienced entrepreneurs that Quorum’s programming attracts, to the community of startups connecting through shared stories of successes and challenges, Quorum continues to provide the foundation for entrepreneurs to meet, collaborate and build a community of like-minded thinkers. Or as another attendee put it, “Starting a business is intensely personal, efforts like Quorum find ways to give entrepreneurs comfort that their ideas are valued and secure.”



**UNIVERSITY CITY KEYSTONE INNOVATION ZONE (KIZ)**

What kind of impact does \$1 million in KIZ Tax Credits have? Eleven University City Keystone Innovation Zone companies are leveraging their most recent KIZ Tax Credits, awarded in December 2013, to hire new employees, purchase equipment and grow their companies in the heart of Philadelphia.

As Apu Gupta of Curalate, a KIZ company notes, “We are 100% focused on growing as fast as possible. The KIZ Tax Credits accelerate our growth, extend our runway and increase our value.”

That’s exactly what was intended when the Commonwealth’s Department of Community and Economic Development established KIZs roughly 10 years ago. The tax credits incentivize companies to stay in the city and grow. With \$100,000 on the table for each startup annually, it’s a tough argument to leave the Zone.



**RAIN**

Many organizations share a mission. But how many actually collaborate—rather than compete? Collaboration among the accelerators, incubators and co-working spaces that spread across the Greater Philadelphia region is at the heart of RAIN, the Regional Affinity Incubation Network.

A core group dedicated to supporting entrepreneurship gathered at the Science Center in April 2014 to brainstorm topics, themes and goals for the 6th Annual RAIN Conference. Representatives from Benjamin’s Desk, Delaware’s Emerging Enterprise Center, Indy Hall, StartUp PHL and the Science Center quickly agreed that the collective goal of our organizations should be making Philadelphia one of the top five innovation hubs in the world in the next 10 years.

However, no single organization can achieve that goal. Luckily for the Greater Philadelphia region, there is RAIN.



**SUPPORTING STUDENT STARTUPS**

The 41,000 students at Philadelphia University and Temple University now have access to dedicated one-on-one coaching to help them create their own futures as entrepreneurs via the Blackstone LaunchPad program.

Blackstone LaunchPad offices opened on both campuses in the spring of 2014, and executive directors are on board and coaching students across all majors. The Science Center serves as the regional partner for this innovative program.

Created to support and foster entrepreneurship as a viable career path, as well as to drive innovation and economic development, the Blackstone LaunchPad is the result of the Blackstone Charitable Foundation’s replication and expansion of a co-curricular program developed by the University of Miami.

Blackstone LaunchPad programs across the country have advised more than 3,000 ventures and sustained more than 460 businesses.



**PROFILE HIGHLIGHT:**

**Ryan Draving**

started coding when he was 15. These days you can find him in Quorum working on one of his two startups. [\[READ MORE\]](#)

**QUORUM STRATEGIC PARTNER ALLIANCE**

**SEE ALL PROFILES**

**SEE ALL PROGRAMS**

- [PORT](#)
- [QUORUM](#)
- [QED](#)
- [STEAM](#)



“Real information from the source,” is how one program attendee summed up Quorum’s wide-ranging offerings. From the industry experts and experienced entrepreneurs that Quorum’s programming attracts, to the community of startups connecting through shared stories of successes and challenges, Quorum continues to provide the foundation for entrepreneurs to meet, collaborate and build a community of like-minded thinkers. Or as another attendee put it, “Starting a business is intensely personal, efforts like Quorum find ways to give entrepreneurs comfort that their ideas are valued and secure.”

**QUORUM STRATEGIC PARTNER ALLIANCE**

By building awareness of the region’s innovation ecosystem, the 34 members of the Quorum Strategic Partner Alliance are helping us grow and expand the community of entrepreneurs.

Alliance for Women Entrepreneurs (AWE)	Delaware BioScience Association	Innovation America	Philly Startup Leaders
Baiada Institute for Entrepreneurship at Drexel University	Delaware Valley Industrial Resource Center (DVIRC)	Life Sciences Collaborative	Select Greater Philadelphia
Ben Franklin Technology Partners of Southeastern Pennsylvania	Economy League of Greater Philadelphia	Mid-Atlantic – Russia Business Council	Society of Physician Entrepreneurs
BioAdvance	Entrepreneurial Law Clinic at the Drexel University School of Law	Network for Teaching Entrepreneurship (NFTE)	Technology Forum of Delaware
BioStrategy Partners	Greater Philadelphia Alliance for Capital and Technologies (PACT)	New Jersey Technology Council (NJTC)	Temple University Innovation & Entrepreneurship Institute
Campus Philly	Greater Philadelphia Chamber of Commerce	Penn Biotech Group	Villanova University Center for Innovation, Creativity & Entrepreneurship (ICE)
Center for Entrepreneurial Studies at Montgomery County Community College	Greater Philadelphia Senior Executive Group (GPSEG)	Philadelphia Bio	Wharton Entrepreneurship
Consortium for Building Energy Innovation (CBEI)	Health Innovation Partnership	Philadelphia Institute for Neurodegenerative Disorders (PhIND)	World Trade Center of Greater Philadelphia
		Philly BioBreak	
		Philadelphia-Israel Chamber of Commerce	

As of May 6, 2014

▶ **PROFILE HIGHLIGHT:**

**Ryan Draving**

started coding when he was 15. These days you can find him in Quorum working on one of his two startups. [\[READ MORE\]](#)



▶ **QUORUM STRATEGIC PARTNER ALLIANCE**

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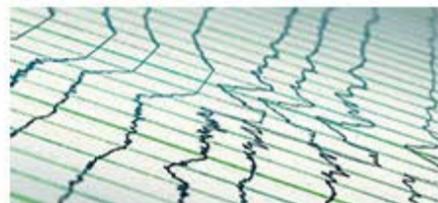


As the QED program began its seventh round in May 2014, one of its newest academic partners, Penn State University, expanded its involvement from the Medical College at Hershey to include its main campus at University Park. Since its launch in 2009 as the nation's first multi-institutional proof-of-concept program for the life sciences, QED has screened 350+ submissions from researchers at partner institutions in Pennsylvania, New Jersey and Delaware and helped researchers develop 65+ proof-of-concept plans. The outcome to date? Six licensed technologies that have the potential to positively disrupt the healthcare landscape.



**QED'S SECRET WEAPON**

The 100+ individuals in our business advisor network are QED's secret weapon. These serial entrepreneurs and product development professionals have extensive experience working with academic researchers and recognize the inherent challenges in bringing an idea from the lab into the marketplace. Four of our longest serving advisors have formed a steering committee, helping to manage the growing network. Together, they have a combined 124 years of experience: Dr. Jim Ballance is a seasoned biotech executive, Dr. David Hesson's background is in pharmaceutical discovery and development, Jim Harris specializes in operations and brand marketing, and Lorraine Marchand specializes in entrepreneurship in the healthcare sphere. This combination of technical and business experience helps the academic investigators to identify opportunities they may have never realized. It's these epiphanies that make our business advisor network invaluable.



**ONE STEP CLOSER TO MARKET**

Four promising technologies are one step closer to the marketplace thanks to funding from the sixth round of the QED Proof-of-Concept Program. Life science and health IT researchers from Drexel University, Temple University and Rutgers, The State University of New Jersey, received a total of \$600,000 through the QED program in December 2013 to develop a potential drug therapy for Lou Gehrig's disease; validate a new therapeutic compound for pancreatic cancer; develop software to analyze EEG readings and guide diagnosis; and develop software to improve communications skills of healthcare professionals.



**FOLLOW-ON FUNDING**

What do the Ben Franklin Technology Development Authority, the Commonwealth's Discovered and Developed in PA program, Pennsylvania Department of Health, PIDC, U.S. Economic Development Administration, Wexford Science + Technology and the William Penn Foundation have in common? Together they and the QED recipients' academic institutions have provided \$3.6 million in awards to QED participants. This funding is dedicated to de-risking promising technologies and encouraging follow-on investments. So far it's working! As of May 2014, the 20 funded projects have attracted \$11.7 million in follow-on funding.



**PROFILE HIGHLIGHT:**

The QED Selection Team thought so highly of **Sam Gunderson's** work that they funded two of his projects! His second QED project focuses on pancreatic cancer. [\[READ MORE\]](#)

**▶ QED PARTICIPATING INSTITUTIONS**

- ▶ SEE ALL PROFILES**
- ▶ SEE ALL PROGRAMS**
- [PORT](#)
- [QUORUM](#)
- [QED](#)
- [STEAM](#)



As the QED program began its seventh round in May 2014, one of its newest academic partners, Penn State University, expanded its involvement from the Medical College at Hershey to include its main campus at University Park. Since its launch in 2009 as the nation's first multi-institutional proof-of-concept program for the life sciences, QED has screened 350+ submissions from researchers at partner institutions in Pennsylvania, New Jersey and Delaware and helped researchers develop 65+ proof-of-concept plans. The outcome to date? Six licensed technologies that have the potential to positively disrupt the healthcare landscape.

The 21 academic research institutions that participate in the QED program represent a network dedicated to advancing technology transfer across the region and beyond.

The Children's Hospital of Philadelphia	Lankenau Institute for Medical Research	Philadelphia College of Osteopathic Medicine	Thomas Jefferson University
Delaware State University	Lehigh University	Philadelphia University	University of Delaware
Drexel University	Monell Chemical Senses Center	Rowan University	University of Pennsylvania
Fox Chase Cancer Center	New Jersey Institute of Technology	Rutgers University, the State University of New Jersey	University of the Sciences
Harrisburg University of Science and Technology	The Pennsylvania State University	Temple University	Widener University
			The Wistar Institute

As of June 1, 2014

▶ **PROFILE HIGHLIGHT:**

The QED Selection Team thought so highly of **Sam**



**Gunderson's** work that they funded two of his projects! His second QED project focuses on pancreatic cancer. [\[READ MORE\]](#)

▶ **QED PARTICIPATING INSTITUTIONS**

▶ **SEE ALL PROFILES**

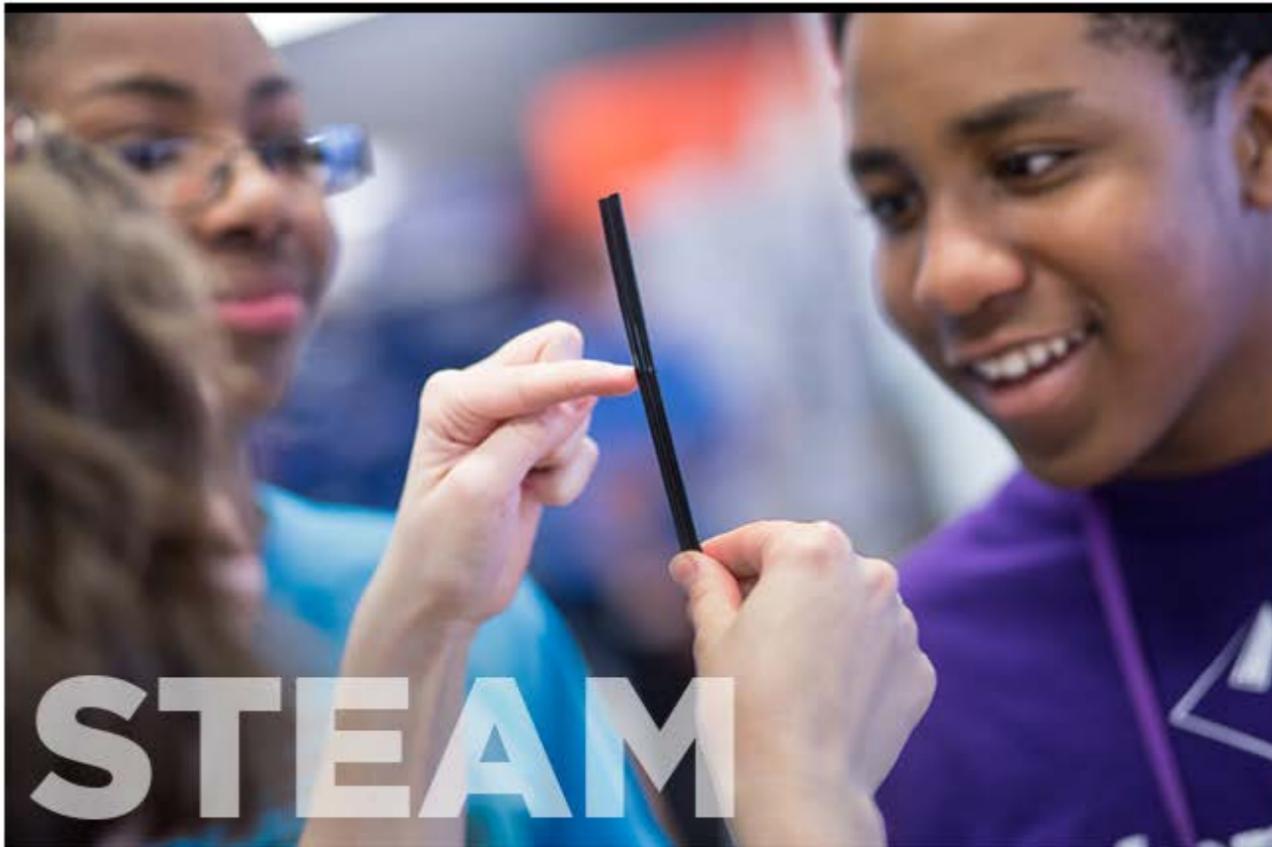
▶ **SEE ALL PROGRAMS**

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■ [STEAM](#)



What happens when you put kids in front of microscopes and teach them how to make selfies from their DNA? Some would say magic; at the Science Center, we say STEAM! Through youth programming, mentorships, and educator workshops that encourage creative exploration and experiential learning, the Science Center is using Art to encourage entry into the STEM fields of Science, Technology, Engineering and Math—and ensuring that today’s generation of students is prepared to become tomorrow’s innovation workforce.



**ART ALONG THE AVENUE OF TECHNOLOGY**

PolakvanBekkum, an artist duo from the Netherlands, arrived in Philadelphia in May 2014 to help activate the Science Center’s campus through a ground-breaking placemaking and community engagement program: Art Along the Avenue of Technology. Through November 2014, Esther Polak and Ivar van Bekkum will explore the intersection of art, science and technology along Market Street. PolakvanBekkum will create a Google Earth film that incorporates satellite imagery, photography and GPS to document mobility in the region. Art Along the Avenue of Technology is supported by the Philadelphia Redevelopment Authority’s Percent for Art Program and Wexford Science + Technology.



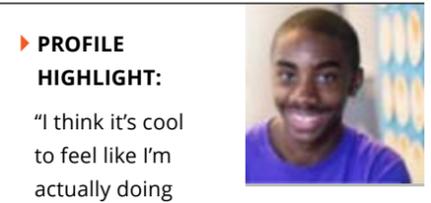
**LET’S PLAY VENTURE!**

Sometimes it takes a low-tech approach to explain a high-tech institution. Faced with the challenge of making the Science Center accessible to the community at large, the leaders of the Science Center’s STEAM Initiatives designed and developed Venture, a role-playing card game that gives players an inside look at how the Science Center helps entrepreneurs get their companies off the ground. Game participants take on the role of a startup founder, a lab technician, a venture capital funder, a Science Center employee, or even a company CEO! Successful players cultivate relationships and connections, in effect recreating the supportive web that is at the core of the Science Center’s mission.



**TEACHING THE TEACHERS**

The majority of middle school students nationwide are being taught math and science by teachers with no degrees or certificates in STEM subjects. This is a particularly troubling issue in resource-poor Philadelphia, which lacks the assets to support STEM education at a wholesale level. That’s where the Science Center’s Educator Training program comes in. Aimed at transforming the educational space, the Science Center’s STEAM workshops offer a hands-on approach that allows educators to evaluate and innovate their teaching styles. This unique early-stage workshop supports educators with flexible methods that will enable their own programs to evolve with the future workforce needs. Educators leave with a new sense of what STEAM education means and as part of a supported community of peers.



**▶ PROFILE HIGHLIGHT:**

“I think it’s cool to feel like I’m actually doing something with science,” 14-year-old **Jalen** said at a Polymer Play session. [\[READ MORE\]](#)

**▶ SEE ALL PROFILES**

**▶ SEE ALL PROGRAMS**

- PORT
- QUORUM
- QED
- STEAM

# FINANCIALS

▶ 2013 FINANCIAL HIGHLIGHTS

▶ SUPPORTERS

## CONSOLIDATED STATEMENT OF ACTIVITIES (FROM CORE BUSINESSES)

Year Ended December 31, 2013

### REVENUES

Research park operations	\$17,450,000
Government, corporate & individual grants	1,278,000
Incubator operations	1,368,000
Other revenues	702,000
<b>Total Revenues</b>	<b>\$20,798,000</b>

### EXPENSES

Research park operations	\$11,599,000
Program costs	3,590,000
Supporting services	3,933,000
<b>Total Expenses</b>	<b>\$19,122,000</b>

Increase in net assets from operations before non-cash charges and other non-operating revenue	\$1,676,000
--	-------------

*The information above was extracted from the University City Science Center and subsidiaries' December 31, 2013 audited financial statements prepared by EisnerAmper LLP, which are available upon request.*

### SOURCES OF REVENUE



- Research park operations
- Government, corporate & individual grants
- Incubator operations
- Other revenues

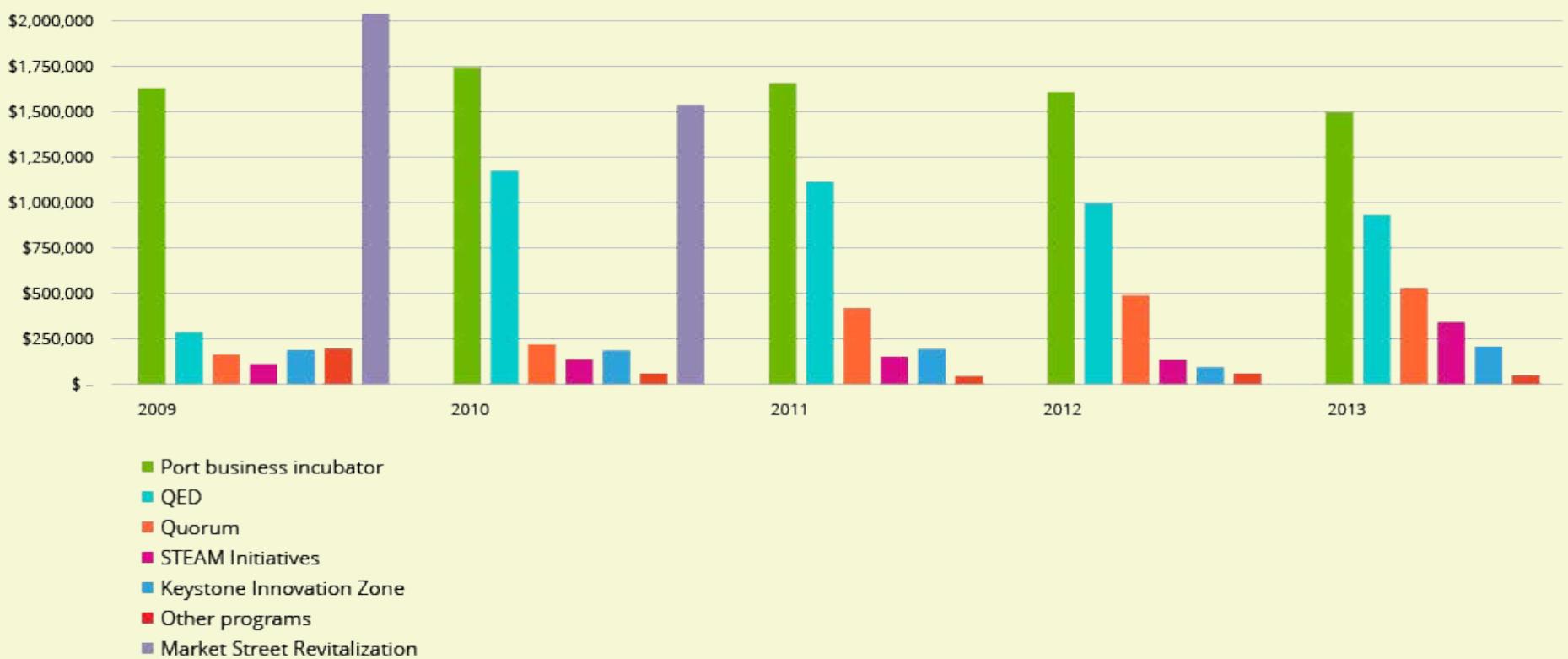
### PROGRAM COSTS



- Port business incubator
- QED
- Quorum
- STEAM Initiatives
- Keystone Innovation Zone
- Other programs

## 5-YEAR PROGRAM COST COMPARISON

(2009–2013)



# FINANCIALS

## ▶ 2013 FINANCIAL HIGHLIGHTS

## ▶ SUPPORTERS

Thank you to all of our supporters in 2013-2014. Your generosity and commitment ensure that we can continue to inspire a community of knowledge, spark the spirit of enterprise and help expand and strengthen the region's technology sector.

### PROGRAM SUPPORTERS

#### ART ALONG THE AVENUE OF TECHNOLOGY

Philadelphia Redevelopment Authority  
Wexford Science + Technology,  
LLC, A BioMed Realty Company

#### THE BLACKSTONE LAUNCHPAD

Blackstone Charitable Foundation

#### INNOVATORS WALK OF FAME

EisnerAmper LLP  
Pennonni Associates, Inc.  
Wexford Science + Technology,  
LLC, A BioMed Realty Company

#### PORT BUSINESS INCUBATOR

JPMorgan Chase  
Pennsylvania Department of Community and  
Economic Development's Discovered and  
Developed in PA Program

#### QED PROOF-OF-CONCEPT PROGRAM

Drexel University  
Pennsylvania Department of Health  
The Pennsylvania State University  
Philadelphia Industrial Development Corporation  
Rutgers, The State University of New Jersey  
Temple University  
University of Delaware  
U.S. Economic Development Administration

#### QUORUM and the UNIVERSITY CITY KEYSTONE INNOVATION ZONE

Kenneth J. Blank, Ph.D.  
Citizens Bank  
Deloitte LLP  
Dolfinger-McMahon Foundation  
Drexel University  
Fisher Scientific  
Morgan, Lewis & Bockius LLP  
Odell Studner

ParenteBeard  
Pennsylvania Department of  
Community and Economic Development  
Safeguard Scientifics  
Thomas Jefferson University  
University of Pennsylvania  
University of the Sciences  
The Wistar Institute

#### STEAM INITIATIVES

ArtPlace America  
The Barra Foundation  
Cognizant Making the Future  
John S. and James L. Knight Foundation  
Pennsylvania Council on the Arts,  
a state agency  
Philadelphia Cultural Fund  
The Provincial Foundation, recommended  
by the Klein and Mannes families  
Verizon Foundation

### 50TH ANNIVERSARY CELEBRATION

#### PRESENTING SPONSOR OF 50TH ANNIVERSARY CELEBRATION

University of Pennsylvania

#### ANNIVERSARY RECEPTION SPONSOR

Drexel University

#### DESSERT RECEPTION SPONSOR

Southern Land Company

#### DIAMOND SPONSORS

Connelly Foundation  
EisnerAmper LLP  
Temple University

#### INVENTING THE FUTURE SPONSORS

AlliedBarton Security Services  
Aum LifeTech, Inc.  
The Beneficial Foundation  
The Children's Hospital of Philadelphia  
Cozen O'Connor  
Educational Commission for  
Foreign Medical Graduates (ECFMG®)  
Greater Philadelphia Chamber  
of Commerce  
INTECH Construction  
Janssen Biotech, Inc.  
JPMorgan Chase

Carl Kopfinger  
Korn/Ferry International  
KPMG LLP  
Morgan, Lewis & Bockius LLP  
NBME  
PECO  
Pennsylvania Bio  
Philadelphia Convention &  
Visitors Bureau  
Philadelphia University  
Phoenix IP Ventures  
PIDC  
Rowan University  
Stephen S. Tang and Family  
TD Bank  
WHYY

#### CELEBRATION FRIENDS

Aspire Bariatrics  
CAI  
Mr. and Mrs. Christopher Cashman  
Chubb Group of Insurance Companies  
Citizens Bank  
Cushman & Wakefield of Pennsylvania  
Economy League of Greater Philadelphia  
First State Innovation

HSC Builders & Construction Managers  
Independence Blue Cross  
Invisible Sentinel  
David and Eunice King  
Limbach Company, LLC  
Morphotek, Inc.  
New Jersey Technology Council  
NewSpring Capital  
Obermayer, Rebmann, Maxwell  
and Hippel LLP  
Odell Studner  
Pennonni Associates, Inc.  
Pepper Hamilton LLP  
Replica Creative  
Ridge Policy Group  
Safeguard Scientifics, Inc.  
The Sarian Group  
State Street Advisors  
Strada/UJMN  
Stradley Ronon  
Thomson Reuters  
Paul and Carol Touhey  
Wells Fargo  
Woodcock Washburn LLP

As of May 8, 2014

# LEADERSHIP

## ▶ SHAREHOLDER INSTITUTIONS

## ▶ BOARD OF DIRECTORS

## ▶ MANAGEMENT TEAM

An independent 501(c)(3) corporation, the Science Center is regional and collaborative both by nature and design. The footprint of our 31 shareholder institutions extends from eastern Pennsylvania to southern New Jersey and into Delaware.

The American College	Lehigh University	The Presbyterian Foundation for Philadelphia	University of the Arts
Bryn Mawr College	Lincoln University	Rowan University	University of the Sciences
Burlington County College	Mercy Health System	Rutgers, The State University of New Jersey	University of Delaware
The Children's Hospital of Philadelphia	NUS America (National University of Singapore)	Salus University	University of Pennsylvania
Delaware State University	The Penjerdel Council	Swarthmore College	Villanova University
Drexel University	Pennsylvania Hospital	Temple University	Widener University
East Stroudsburg University	Philadelphia College of Osteopathic Medicine	Temple University School of Podiatric Medicine	
Haverford College	Philadelphia University	Thomas Jefferson University	
Lafayette College			

# LEADERSHIP

## ▶ SHAREHOLDER INSTITUTIONS

### **Maxine Ballen**

New Jersey Technology Council  
*Chairwoman, Community Engagement Committee*

### **Kerry R. Benson**

The PFM Group

### **Kenneth J. Blank, Ph.D.**

Rowan University  
*Board Vice Chairman  
Chairman, Development Committee*

### **Craig R. Carnaroli**

University of Pennsylvania  
*Board Chairman  
Chairman, Executive Committee*

### **Christopher M. Cashman**

Marinus Pharmaceuticals

### **Deborah L. Crawford, Ph.D.**

Drexel University

### **Katherine D. Crothall, Ph.D.**

Aspire Bariatrics, LLC

### **Ernest J. Dianastasis**

Computer Aid, Inc.  
First State Innovation

### **Michael A. DiPiano**

NewSpring Ventures  
*Board Vice Chairman  
Chairman, Audit Committee*

### **Steven J. Fluharty, Ph.D.**

University of Pennsylvania

### **Glen N. Gaulton, Ph.D.**

Perelman School of Medicine,  
University of Pennsylvania  
*Chairman, Scientific Advisory Committee*

### **Helen F. Giles-Gee, Ph.D.**

University of the Science

### **Jane H. Hollingsworth**

Militia Hill Ventures

### **David P. Holveck**

Science Center Director Emeritus

### **Osagie O. Imasogie**

Phoenix IP Ventures

## ▶ BOARD OF DIRECTORS

### **Richard P. Jaffe, Esq.**

Duane Morris  
Science Center Director Emeritus

### **J. Larry Jameson, M.D., Ph.D.**

Perelman School of Medicine,  
University of Pennsylvania,  
University of Pennsylvania  
Health System

### **Philip R. Johnson, M.D.**

The Children's Hospital of  
Philadelphia

### **Russel E. Kaufman, M.D.**

The Wistar Institute

### **David R. King**

Atonarp, Inc.

### **Carl Kopfinger**

TD Bank  
*Chairman, Asset Management  
Committee*

### **Kenneth L. Kring**

Korn/Ferry International  
*Chairman, Corporate Governance  
and Nominating Committee*

## ▶ MANAGEMENT TEAM

### **William J. Marrazzo**

WHYY, Inc.

### **Keith A. Orris**

Drexel University

### **Stephen Spinelli, Jr., Ph.D.**

Philadelphia University

### **Paul Touhey**

Invisible Sentinel

### **Tara L. Weiner**

Deloitte LLP

### **Stephen T. Zarrilli**

Safeguard Scientifics

### **Stephen S. Tang, Ph.D., MBA**

University City Science Center

# LEADERSHIP

## ▶ SHAREHOLDER INSTITUTIONS

## ▶ BOARD OF DIRECTORS

## ▶ MANAGEMENT TEAM



**Stephen S. Tang, Ph.D., MBA**  
President and CEO

Steve Tang became President and CEO of the Science Center in 2008. He was attracted to this role because he saw the Science Center as an exciting, complex leadership challenge that would draw upon a wide range of his business and scientific interests. Steve was also motivated by his passion for innovation and entrepreneurship—and their potential to make the world a better place. When asked what career advice got Steve to where he is today, he responded, “Learn how to simultaneously fit in, stand out, and uplift others. From there, surround yourself with people who do the same.”



**Curt Hess, RPA**  
Senior Vice President of Real Estate Operations

With more than 30 years of diversified real estate experience, Curt Hess is responsible for the management and leasing of more than 1.5 million square feet of Science Center office and lab space. Curt is inspired by the work that the brilliant people on the Science Center campus do every day—developing cures, diagnostics, therapeutics and medical devices to diagnose, treat, mitigate and even cure diseases as well as other incredible inventions that help improve the lives, well-being and safety of people all over the world.



**Saul A. Behar, Esq.**  
Vice President and General Counsel

Steve Tang became President and CEO of the Science Center in 2008. He was attracted to this role because he saw the Science Center as an exciting, complex leadership challenge that would draw upon a wide range of his business and scientific interests. Steve was also motivated by his passion for innovation and entrepreneurship—and their potential to make the world a better place. When asked what career advice got Steve to where he is today, he responded, “Learn how to simultaneously fit in, stand out, and uplift others. From there, surround yourself with people who do the same.”



**Monica Cawvey**  
Vice President, Development

Monica Cawvey joined the Science Center in 2013 as Vice President of Development. In this newly created position, Monica is responsible for the overall strategic planning, development, implementation and ongoing management of the Science Center’s comprehensive development and fundraising program. Monica got her start in fundraising as a Girl Scout selling cookies, a project that left her with a passion to make a difference and an unfortunate love for Thin Mints.



**Christopher J. Laing, MRCVS, Ph.D.**  
Vice President, Science and Technology

Chris Laing oversees the Science Center’s Science and Technology Programs, including the QED Proof-of-Concept Program, new venture development, and the Port business incubator. He provides guidance in early business and product development and has helped tech startups raise more than \$20 million in federal funding. Chris has lived in Hong Kong, Sydney, and London, but for the last 12 years has called Philadelphia home—he says it’s the entrepreneurial vibe of the city!



**Rob Marcantuono, CPA, MBA**  
Vice President, Accounting

Rob Marcantuono is responsible for the overall financial and fiscal management of the Science Center, providing financial oversight of the corporate, real estate, treasury, grant planning and budget activities. Rob joined the Science Center in 2008 as Corporate Controller and was promoted to Vice President, Accounting in 2014. His mantra is “Nothing worth doing, in work or in life, will ever be easy. The most challenging experiences will be the ones you cherish the most.”



**Jeanne Mell**  
Vice President, Marketing Communications

Jeanne Mell joined the Science Center in 2009 as Vice President, Marketing Communications. She is responsible for all aspects of corporate marketing, communications, public and media relations and community engagement. Jeanne also oversees Quorum and the Science Center’s participation in Blackstone LaunchPad Philadelphia. Jeanne’s first “real” job as an editorial assistant at Inc. Magazine gave her an appreciation for entrepreneurship and launched her communications career.

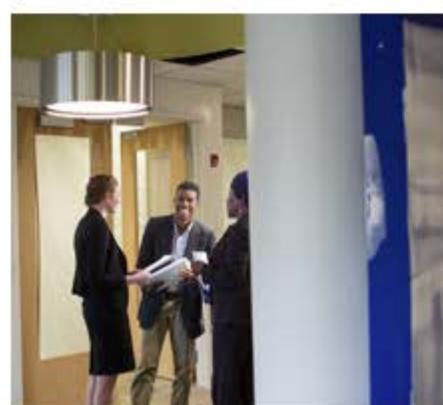


**Kindra Sloan, PHR, CPP**  
Senior Manager, Human Resources

Kindra Sloan joined the Science Center in 2006 and was promoted to Senior Manager, Human Resources in 2010. She is responsible for the development and execution of the Science Center’s strategic human resources program, as well as the delivery of HR services including employee relations, benefits, compensation, recruitment, training, and policy development. Kindra lives by the career advice “Don’t just tell them what you can do; show them what you can do.”

# PLACEMAKING HIGHLIGHTS

Does place matter in this increasingly wireless world? At the Science Center, the answer is an emphatic “Yes!” We’re in the midst of a multi-year endeavor to energize Market Street as we transform our campus into a dynamic 24/7 innovation community.



# 50th ANNIVERSARY

The Science Center celebrated 50 years of inventing the future with a party in October 2013. More than 350 people turned out to network, support the Science Center and learn the identities of the inaugural class of the Innovators Walk of Fame.



## ABOUT THE SCIENCE CENTER

**The University City Science Center is a dynamic hub for innovation, entrepreneurship and technology commercialization.** For more than 50 years, we have helped scientists, entrepreneurs, startups, and growing and established companies throughout the Greater Philadelphia region as they move their technologies into the marketplace, where they can benefit the region and the world.

We accomplish this by offering a steady stream of networking, professional development, and entrepreneurial support programs designed to leverage the rich resources available on our campus and in the region.

Our 31 nonprofit shareholders include many of the leading colleges, universities, hospitals and research institutions in Pennsylvania, New Jersey and Delaware.

Since we were founded in 1963, graduate organizations and current residents of the Science Center's Port business incubator have created more than 15,000 direct jobs that remain in the region today.

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*Global Soft Landing, Quorum and QED are registered trademarks of the University City Science Center.*

*The Port is a trademark of the University City Science Center.*

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*Photography by Chris Hartlove*