

QUINCY COLLEGE

FOCUSED ON TEACHING & LEARNING, ONE STUDENT AT A TIME

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Shire PLC awards \$25,000 grant for Quincy College 2016 Biotech Cohort

Investment in skilled workforce and student development pipeline

SOCIAL MEDIA RELEASE (140 Characters): #QuincyCollege awarded \$25,000 grant from @Shireplc to support #biotech program with @JVSBoston; industry investment in dev. of skilled workforce.

Quincy, MA (4/20/16) - Shire has donated a \$25,000 grant to support Quincy College's Biotechnology and Compliance (BTC) Program and the Jewish Vocational Services (JVS) Bridges to College program in Biotechnology, which builds a science and math foundation for students to enroll in Quincy College's BTC Certificate program.

JVS provides students with pre-college courses in science and math designed specifically for application in Quincy's 9-month Biotechnology & Compliance Certificate Program. The \$25,000 Shire donation will support the JVS Bridges to College program.

"Our close relationship with Shire and our other industry partners has allowed us to create an educational pipeline that supports fundamental biomanufacturing skills, continued innovation in the field, and utilization of cutting edge technology and good manufacturing practices. This financial donation along with donations of equipment and supplies is a reflection of a great partnership between education and industry. Quincy College is fulfilling a need in the industry for not only qualified entry-level professionals but also supporting industry professionals with specialized and customized training. Quincy College's state-of-the-art biomanufacturing facility is uniquely positioned to support skill development for the Biotech industry," Bruce Van Dyke, Chair of the Biotechnology and Compliance Department at Quincy College.

There are many examples of the strong workforce development partnership between Quincy College and Shire, which reflect the benefits of industry and academic collaboration.

Shire employee Ed Gollosi, Manufacturing Cell Culture Supervisor, is an Adjunct Professor at Quincy College, teaching a course for the BTC program. He has been with Shire for over 6 years bringing industry experience to the classroom.

Another great example of industry and academic collaboration is Shire employee Courtney Hewett, Operations Project Manager, who volunteers her time to contribute her expertise on Quincy College's Biotechnology and Compliance Curriculum committee which works to review and update curriculum to stay current with industry standards. Courtney has been in the industry for ten years, eight of which are with Shire. While visiting the Quincy College Biotechnology and Compliance facilities, Courtney recognized the potential for a short program focusing on the AKTA purification system that would fulfill a need for training at Shire.

Quincy College Biotechnology and Compliance Program graduates have found success at Shire as well. Alex Wilson, a graduate of the BTC program, is a Manufacturing Technician II at Shire. He grew up in Dorchester, enrolled in a 4 year college and part-way through realized it wasn't for him. That's when he discovered Quincy College. He has been at Shire for 3 years now.

Sophanarith (Sop) Am graduated from the BTC program in 2014. Sop grew up in Chelsea and initially pursued a certificate in IT. He landed a job at a large company as a System Administer. Unfortunately, IT was eventually outsourced and he lost his job. Instead of applying for another IT job, Sop changed career paths and decided to attend Quincy College after hearing about the booming Biotech industry. Two years later, he completed the program and began work in the biotech industry.

"A highly trained and skilled workforce is essential to Shire and is one of the reasons Shire has located our US Operational Headquarters in Massachusetts," said Pat Sacco, Shire's head of Internal Manufacturing. "While Massachusetts has a talented pool of workers, we believe it is important to partner with educational institutions and workforce development non-profits to ensure that students are acquiring the specialized skills needed in an ever changing biotech industry. We are proud of the relationship that we have with Quincy College and the Shire employees that have come through their program."

"Quincy College and Shire are creating a dedicated pipeline of skilled biomanufacturing workers in response to industry demand. Together, we are positively impacting the career trajectory of many who currently work in the biotechnology industry, who are considering this career path, and many of whom have gone on to work in other biotech companies throughout the Commonwealth. The continued generosity of Shire has ensured that we will continue to develop a successful biotechnology workforce." Bruce Van Dyke, Chair of the Biotechnology and Compliance Program.

For more information about the Quincy College Biotechnology and Compliance program, please visit: www.quincycollege.edu/btc



About Quincy College

Founded in 1958, Quincy College is a two-year, municipally affiliated community college serving approximately 4,500 students at campuses located in Quincy and Plymouth, Massachusetts. Quincy College is an open access institution that encourages academic achievement and excellence, diversity, economic opportunity, community involvement, and lifelong learning. The College facilitates valuable learning relationships that inspire students to realize their educational and professional futures. The college offers 35 associate degree programs and 21 certificate programs in a variety of disciplines, including those within Professional Programs, Liberal Arts, Natural & Health Sciences and Nursing. The college is accredited by the New England Association of Schools and Colleges, and is licensed by the Massachusetts Board of Higher Education to grant the degrees of Associate in Arts and Associate in Science. As the "College of the South Shore", Quincy College draws a diversity of students from the greater metro Boston area, South Shore, as well as 121 countries around the world. For additional information, visit www.quincycollege.edu



Watch the Quincy College Experience



Shire shapes what's next for people with rare diseases and specialty conditions. Through business development and R&D efforts focused on breakthrough science, we develop and deliver

best-in-class therapies for patients with rare and life-altering conditions. In 2015, we launched multiple products in our core therapeutic areas, expanded our global footprint and strengthened our innovative pipeline, which is now the most robust in Shire's 30-year history. We have nearly 30 programs in clinical development, with 14 in Phase 3 or Phase 3 ready in 2016. We are fast-becoming the leading global biotech focused on rare diseases and specialty conditions, with \$6.4 billion in revenues in 2015, 5,500 employees globally, and operations in more than 50 countries.

Shire's U.S. Operational Headquarters is located in Massachusetts, where we employ more than 2,600 people in our facilities in Lexington, Cambridge, Burlington, Waltham, North Reading and Belmont.