

EXECUTIVE SUMMARY

GateWay Community College, one of the 10 Maricopa Community Colleges, is a two-year public institution of higher education. Founded in 1968, GateWay prides itself on its long history of workforce education. With more than 100 certificate and degree programs in six academic divisions, GateWay prepares those who are making a career transition, those who are looking to advance in their current careers, and those who are preparing to transfer to a university. Located in Phoenix Mayor Phil Gordon's "Opportunity Corridor," the campus sits on 31-acres of land, 21 of which are available for development. Its physical location, at 40th Street and Washington Street, combined with its academic offerings in healthcare, nursing, business, manufacturing and environmental science technology perfectly position GateWay to become the workforce training provider for bioscience in Arizona.

Arizona's Bioscience Roadmap identifies a shortage of bioscience incubator space and trained technician-level workers as major challenges to the growth of bioscience in the state. GateWay plans to address this need and others by building a 12,000-14,000 sq ft private incubator to house start-up companies. Additional facility features include offices, science teaching labs, classrooms, and support space. Together with academic offerings, this facility will be a resource for start-up companies and will provide students with a unique learning environment.

GateWay has secured \$18 million, from the passage of a 2004 bond initiative, for the design and construction of a Bioscience and Education Center. This budget does not include the \$6 million needed to incorporate the private incubator into the facility. \$2.8 of the \$6 million incubator budget has been secured, with \$3.2 million still needed. GateWay is currently working with the Economic Development Administration on a \$3 million commitment and is actively pursuing the remaining funds from public and private sources. Private research lab space is a crucial component of the facility and critical to industry growth—creating a distinctive model that will greatly influence the economic well-being of the state.

GateWay is widely recognized for the depth and breadth of its nursing and healthcare programs. Twenty-five percent (nearly 5,000) of GateWay's students are enrolled in a nursing or healthcare program and they come to the College from across the Valley. GateWay graduates more nurses than any other program in the state and offers several healthcare programs that are unique to Arizona.

The College offers one of two Clinical Research Coordinating programs in the country, as well as courses in Molecular Bioscience and Biotechnology. GateWay has developed new programs in divisions outside of the nursing and healthcare fields that are vital to the establishment of a highly-skilled bioscience workforce. Programs in Environmental Science Technology, designed to control hazardous waste production and maintain pressurized rooms in research labs, are offered through GateWay's Air Conditioning/Refrigeration/Facilities, and Water programs. Rapid Prototyping classes are being developed through the College's manufacturing program, creating 3D models of various anatomies that can be used for surgical procedures and

rehabilitation. Together, these programs form a highly-specialized mechanism to meet industry workforce demands.

The College is also in the distinctive position of providing the bioscience community with a variety of ancillary benefits to aid in the long-term success of incubator companies. These benefits include below market rent; business support services through the Maricopa Community Colleges Small Business Development Center; conferencing and meeting space; workshops and special events; experienced staff; and a dynamic environment for industry growth and product development. These resources and others, make incubator companies 84% more likely to stay in Arizona—creating jobs and providing a long-term return to their investors (National Business Incubator Association). GateWay has entered into a partnership agreement with TGen's CatapultBio to house start-up companies and utilize these services.

A highly-educated, highly-skilled workforce is necessary for industry growth. The combination of academics and a private incubator contribute to the prolific climate needed to advance a knowledge-based industry in Arizona. The incubator planned for the GateWay campus will create a vibrant, focused environment for business, education and workforce training. GateWay is ideally positioned to take on their endeavor, and is at the forefront in providing the industry with a highly-skilled workforce while fostering the successful environment needed to move discoveries from the lab to the marketplace.