Testimony of Corporate Partners of P-TECH at Dunbar and P-TECH at Carver in SUPPORT of SB 319
Wednesday February 8, 2017
Senate Education, Health, and Environmental Affairs Committee
Joan Carter Conway, Chair

The four corporate partners of the P-TECH Schools currently operating in Baltimore City – IBM, Johns Hopkins, University of Maryland Baltimore, and Kaiser Permanente – are pleased to support **SB 319 – Pathways in Technology Early College High (P-TECH) School Act of 2017.**   Under the provisions of legislation passed in the 2016 session, we have partnered with the Baltimore City Public Schools and the Baltimore City Community College for inaugural classes in the 2016-17 at P-TECH at Dunbar and P-TECH at Carver.

The corporate partners take seriously the obligations laid out in the statute and the Memorandum of Understanding to provide mentoring, collaborate on skills mapping and scope and sequence of academic coursework, hire a dedicated staff person as liaison to each school, identify appropriate workplace experiences, and prepare to consider these well-trained young people for employment.

We are excited to be a part of this innovative program, and profiles of the schools are shown below. The students are overwhelmingly economically disadvantaged, and boys and girls are represented equally. We have identified mentors and are nurturing the relationships between mentors and their students. Students are participating in activities that expose them to the workplace in science and healthcare, opening their eyes and minds to the potential that lies ahead for them.

Although we are only at the leading edge of implementing P-TECH in Maryland, we are already encouraged by the enthusiasm we are seeing in the students, their families, and the school staff. Plans are underway to establish P-TECH schools in Allegany County, on the Eastern Shore, and in Prince George's County, and we stand ready to provide assistance and to share the wisdom of lessons learned with leaders in those jurisdictions. This model has the possibility to expand even further with six more planning grants included in the proposed fiscal 2018 budget. The three-way relationship between a committed business partner, the academic community, and the students themselves ensure the relevance of this program in successfully training the workforce of the future.

For all these reasons, we strongly urge a **favorable committee report on SB 319**.

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IBM Corporation

Kevin P. Kelly
University of Maryland, Baltimore

Jeanne Hitchcock
Johns Hopkins University & Medicine

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P-TECH at Dunbar

P-TECH at Dunbar is a partnership among Baltimore City Public Schools, Baltimore City Community College, Johns Hopkins University and Medicine, University of Maryland Baltimore and Kaiser Permanente. P-TECH at Dunbar students concurrently pursue an Associate degree in Applied Science in Healthcare and a high school diploma. P-TECH at Dunbar, housed within the historic Paul Laurence Dunbar High School, opened fall 2016 with a cohort of 50 students.

Leadership and Staff

- Leadership: Katrice Wiley, Principal Coordinator, P-TECH at Dunbar; Tammy Mays, Principal, Paul Laurence Dunbar High School.
- One full-time P-TECH at Dunbar education liaison, supported by the three Healthcare industry partners, has been hired and is responsible for implementing healthcare industry commitments to the school.
- The Baltimore City Community College Liaison has been hired and serves as an intermediary between the college partner and both P-TECH 9-14 schools in Baltimore City and is focused on strengthening student performance and expanding students' horizons to include postsecondary educational opportunities and career goals.

Student Profile

- Total student population: 50
- 25 boys; 25 girls
- 100% African-American or Hispanic
- Approximately 83% receive free or reduced lunch
- Three (3) students have an Individualized Education Plan (IEP)
- 96% completed a Healthcare survey designed to assist with Mentee/Mentor matching
- 57 families have applied to be accepted into the fall 2017-2018 P-TECH cohort

Mentor/Mentee Profile

- 82% of mentees reported they previously have never had a mentor
- Mentor/Mentee Events to be held in February and March
- 55 Mentors: Bi-monthly online communication via MentorPlace
- Mentors have participated in on-line mentor training

Other Activities

- 70% Honor Roll recognition rate
- Bi-Weekly Healthcare industry partners classroom speakers and presenters
- "Roadmap to Success" seminar at Dunbar

- Parent, student and Healthcare partner "Back to School Night"
- Weekly class Healthcare discussions with teachers and school principal coordinator
- Visiting the Reginald F. Lewis Museum during Black History Month
- Visit to the National Museum of African American History and Culture in Washington DC (with P-TECH at Carver)
- National College Fair participation (with P-TECH at Carver)
- STEM symposium at BCCC (with P-TECH at Carver)
- Annual Fall BCCC College Fair(with P-TECH at Carver)

![P-TECH at Carver logo]

P-TECH at Carver is a partnership among Baltimore City Public Schools, Baltimore City Community College, and IBM. At P-TECH at Carver, students earn an Associate in Applied Science degree in either Computer Information Science or Cyber Security, in addition to their high school diploma. Housed within the historic Carver Vocational Technical High School, P-TECH at Carver opened fall 2016 with a cohort of 50 students.

Leadership and Staff

- Leadership: Lori Bush, Principal Coordinator, P-TECH at Carver; Shionta Sommerville, Principal, Carver Vocational Technical High School
- Full-time liaisons from Baltimore City Community College and IBM
- An IBM Industry Liaison has been hired and is responsible for implementing industry commitments to the school. A Baltimore City Community College Liaison has been hired and serves as an intermediary between the college partner and the P-TECH 9-14 schools in Baltimore City and is focused on strengthening student performance and expanding students' horizons to include postsecondary educational opportunities and career goals.

Student Profile

- Total student population: 50
- 25 boys; 25 girls
- 100% Black or Hispanic
- 2% of students have Individualized Education Programs (IEPs)
- Approximately 82% receive free or reduced lunch

Mentor Profile

- 87 Mentors
- 4 required Mentor/Mentee events (2 held in fall of 2016)
- Bi-monthly online communication via MentorPlace
- Other optional engagements- Third Thursdays, hooray for honors, IBM mentors and executives as classroom speakers

➢ "Third Thursday Social" - standing monthly event bringing the entire P-TECH cohort together; (Parents, Teachers and Mentors invited)
➢ Hooray for Honors gatherings - honoring students in 5 categories: P-TECH Scholar, Best Attendance, Highest GPA, Best Attitude and Most Improved.
➢ "Highlighting IBMers" - ongoing opportunity for mentors and executives to share their background, story and/or roles and responsibilities at IBM, during classroom presentations

Other Activities

• Site Visit to IBM's Center for Cognitive Government, IBM Washington DC office
• Site Visit – Introduction to Olli, the World's Most Accessible, Self-Driving Vehicle, Local Motors, Oxon Hill, MD
• Visit to the National Museum of African American History and Culture in Washington DC (with P-TECH at Dunbar)
• National College Fair participation (with P-TECH at Dunbar)
• STEM symposium at BCCC (with P-TECH at Dunbar)
• Annual Fall BCCC College Fair (with P-TECH at Dunbar)