

Company/Agency

IBM

Program

IBM \$100M Give of Resources to HBCUs

IBM Global University Programs is working with our HBCUs who want to establish a higher level partnership with IBM. In September, 17 HBCU's were highlighted in a press release for their commitment to engage with IBM with the goal of using \$6M of IBM resources in 2020. In 2021 and future years this will be the foundation for even further potential collaboration. Leveraging the programs described below and additional opportunities in development is the platform for establishing this relationship with our first 17 HBCUs with a march to \$100M in 2020.

IBM Academic Initiative

The IBM Academic Initiative is the program IBM uses to provide access for faculty and students at accredited academic institutions to use IBM resources for free for teaching, learning and non-commercial research purposes. The topics include data science, cloud computing, cyber security, blockchain, artificial intelligence, systems and more. The resources available include courseware, tutorials, access to a software catalogue, hardware and enhanced IBM Cloud access. In addition, the ability to request university quest lectures, including remote lectures, is part of this academic partners engagement program.

IBM Skills Academy

The IBM Skills Academy is the integrated program incorporating a week of faculty training, pre-built and maintained curriculum, hands-on cloud based labs, use cases, quizzes, exams and badges. The critical skills tracks are: artificial intelligence, blockchain, cyber security, data science, IOT, cloud computing, design thinking and quantum computing. The requirement is for faculty who attend the workshop to return to their campus and using the same assets they were trained on begin teaching within a matter of weeks/months building those skills with their students and community. This is designed for all students (in the broadest definition of students) to leave the campus with a basis understanding of critical technology areas and to be able to apply it to their discipline and in use cases that matter in their field of study--for the approximate price of a textbook which we waived for HBCU's effective July 24th.

<https://skills-academy.mylearnerportal.com/?r>

IBM Masters Fellowship (NEW)

IBM is pleased to announce the inaugural 2020 IBM Masters Fellowship Award, which supports IBM's long-standing commitment to workforce diversity. This new IBM Fellowship Award, up to \$10,000 per graduate student from Historically Black Colleges and Universities (HBCUs), seeks to increase the number of under-represented minority students enrolled in master's degree programs, especially those with a particular focus on strategic areas such as Hybrid Cloud, Quantum Computing, Artificial Intelligence, Cloud, Cyber Security, Data Science and Systems.

IBM PhD Fellowship.

The IBM PhD Fellowship Awards are nominated through a faculty member at the university to recognize and support exceptional PhD students. Nominations for the 2021 IBM PhD Fellowship Award program will be accepted until October 23, 2020. Strong collaboration with faculty, students and universities is vital to IBM. The IBM PhD Fellowship Program advances this collaboration by recognizing and supporting exceptional PhD students who want to make their mark in promising and disruptive technologies. Since the creation of the IBM PhD Fellowship Program in 1951, we have supported thousands of PhD students. The program seeks to increase the number of under-represented minority students by encouraging a diverse applicant pool. in the referenced science topics of interest focus on strategic areas such as Hybrid Cloud, Quantum Computing, Artificial Intelligence, Cloud, Cyber Security, Data Science and Systems.

<https://www.research.ibm.com/university/awards/fellowships.html>

Funding

Access for HBCUs to portfolio of free resources, Master and PhD Fellowships as well as future programs to establish a higher level partnership with IBM. See details below.

Access for faculty and students at accredited academic institutions to use IBM resources for free for teaching, learning and non-commercial research purposes.

Program provides free faculty training, pre-built and maintained curriculum, hands-on cloud based labs, use cases, quizzes, exams and badges. Access fees waived for HBCUs.

New IBM Fellowship Award, up to \$10,000 per graduate student from Historically Black Colleges and Universities (HBCUs), under-represented minority students enrolled in master's degree programs, especially those with a particular focus on strategic areas such as Hybrid Cloud, Quantum Computing, Artificial Intelligence, Cloud, Cyber Security, Data Science and Systems

US country awards: \$60,000 in award year one; \$35,000 in award year two. All IBM PhD Fellowship awardees will be mentored by an IBMer in order to collaborate on a research or technology project for the duration of the award period and are strongly encouraged to do an internship during the first or second year of their award.

Action/Next Steps

We are identifying the next 17 HBCU partners and the goal is all 102 HBCUs leverage at least \$2M in 2020 as the foundation for even more enablement in future years. For further information contact Valinda Scarbro Kennedy vscarbro@us.ibm.com.

Each faculty and student enrolls with their institution issued email address. This access includes industry and open sources resources. Please visit the new IBM Academic Initiative at <http://ibm.biz/academic>. Here is a video to help navigate the website: <https://www.ustream.tv/recorded/127793076>.

For further information contact Valinda Scarbro Kennedy vscarbro@us.ibm.com.

Candidates must be nominated by a faculty member, and submissions are due by October 23, 2020. Students should have at least 6 months remaining in their graduate program at the time of nomination. Program details and FAQs are outlined at: https://www.research.ibm.com/university/awards/masters_fellowship.html. If you have other questions, please feel free to contact phdfellow@us.ibm.com.

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