



MACH-III CENTER JOINS PVAMU'S BRAILSFORD COLLEGE OF ARTS AND SCIENCES

PRAIRIE VIEW, TX (March 2, 2021) – The Minority Achievement, Creativity and High Ability (MACH-III) Center has joined the Marvin D. and June Samuel Brailsford College of Arts and Sciences at Prairie View A&M University (PVAMU). The MACH-III transition from PVAMU's Whitlowe R. Green College of Education to its College of Arts and Sciences will support the Center's mission to expand multidisciplinary research and launch a full-scale Science Innovation Lab focused on P-12 school outreach to underserved student populations.

The MACH-III is led by Executive Director and Chief Scientist Dr. Fred A. Bonner II. Under his leadership, the Center's nationally and internationally focused scholarship is multidisciplinary in focus, and currently encompasses key initiatives that include several disciplines (math, chemistry, biology, and physics) within the College of Arts & Sciences. With a strong record of securing extramural funding, including numerous grants with the National Science Foundation (NSF) as well as Thurgood Marshall College Fund (TMCF), the MACH-III Center will leverage additional STEM grants, including funding for the increasingly integrated suite of science, technology, engineering, arts, and mathematics (STEAM) learning innovations.

"Transitioning the MACH-III Center from the Whitlowe R. Green College of Education to the Brailsford College of Arts and Sciences will open windows of new opportunities for collaboration and innovative projects across myriad disciplines and fields," said Dr. Bonner.

Most noteworthy in the MACH-III Center's move to the College of Arts & Sciences is the unique opportunity to develop a fully functioning Science Innovation Lab that will serve as an incubator for innovative P-12 outreach projects. Located in PVAMU's Greaux Building, the Lab is currently funded through the Texas A&M System (TAMUS) Chancellor's Research Initiative (CRI), and faculty will work synergistically with the MACH-III Center to provide P-12 students direct access to scientific instruments and hands-on demonstration and open-house events. The Lab will serve as an after-school and summer external workshop and training hub for science and math teachers and students across several independent school districts, as well as serve as a pre-professional training space for PVAMU students interested in becoming science and math teachers.

The Science Innovation Lab will:

- Provide an opportunity for P-12 teachers and students to access state-of-the-art scientific equipment via weekend academies and summer camp initiatives.
- Serve as an 'incubator' space for multidisciplinary collaborations among PVAMU faculty
- Strengthen grant proposal (NSF, NIH, etc.) submissions by allowing principal investigators to utilize the Lab as a space for key theory-to-practice applications.
- Give industry collaborators a space on the PVAMU campus to test out innovative applications.
- Set the MACH-III Center apart from peer institutions with similarly constituted Centers.

The MACH-III Science Innovation Lab's move to the College of Arts & Sciences bolsters the college's increased emphasis on community engagement and P-12 outreach as envisioned by Dr. Dorie J. Gilbert, Dean of the Brailsford College of Art and Sciences.

Read more about the move [here](#).

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About Prairie View A&M University: Designated an institution of "the first class" in the Texas Constitution, Prairie View A&M University is the second-oldest public institution of higher education in the state. With an established reputation for producing engineers, nurses, and educators, PVAMU offers baccalaureate degrees, master's degrees, and doctoral degree programs through eight colleges and schools. A member of The Texas A&M University System, the university is dedicated to fulfilling its land-grant mission of achieving excellence in teaching, research, and service. For more information regarding PVAMU, visit www.pvamu.edu.

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