

STEMM MASTER TEACHER DEVELOPMENT INSTITUTE

JULY 14–16, 2025

- ✔ Are you interested in implementing 3D learning through a biomedical- phenomenon lens?
- ✔ Have you been teaching a STEM or health-related course for more than three years and wanting to expand your skills?
- ✔ Are you interested in being a strong advocate for STEMM culture on your campus?

APPLY BY MAY 30, 2025



About the Program

The Master Teacher Development Institute provides training in phenomenon-based 3D learning aligned to content areas through a STEMM (biomedical and health sciences) lens. Participants will also explore BCM curriculum resources from BioEd Online to holistically embed STEMM into their curriculum and serve as STEMM advocates on their campuses.

Details

- The Master Teacher Development Institute will take place from 9 a.m. to 3 p.m. on July 14, 15, and 16, 2025.
- Lunch and breakfast will be provided each day.
- Parking will be paid for all participants.
- Each participant will receive a \$150 stipend per day of attendance (\$450 total; **attendance on all 3 days is required**).

TO REGISTER:



<https://www.surveymonkey.com/r/WHBNCXH>

Baylor College of Medicine (BCM), located in the heart of Houston's Texas Medical Center, is a standalone, postgraduate, health sciences university that offers advanced degrees in the biological sciences, health professions, and medicine. Baylor's Center for Educational Outreach (Center), established in 1996, engages and prepares students in grades K–16 to meet national needs for a diverse and well-prepared STEMM workforce while also increasing STEMM literacy within the general populace.

Programs coordinated through the Center began more than 50 years ago. In 1972, BCM and the Houston Independent School District (HISD) established the nation's first standalone health professions high school. Now known as the Michael E. DeBakey High School for Health Professions, the school has served as a model of excellence and equity for other STEM high schools in Texas and across the country. U.S. News & World Report ranks DeBakey High School as 70th nationally overall and 19th nationally among magnet high schools.

Recognizing that pathways to STEMM careers begin well before high school, HISD and BCM collaborated to establish two open-enrollment middle schools: the Baylor College of Medicine Academy at James D. Ryan Middle School was established in 2013, and the model was replicated in 2016 with the launch of the Baylor College of Medicine Biotech Academy at Rusk Middle School. Both programs seek to prepare middle school students for success in academically rigorous high school programs. Both schools are recognized "with distinction" by the State of Texas for postsecondary readiness and closing achievement gaps. The BCM Academy at Ryan has already received national recognition (2017 Magnet Schools of American President's Award), and during the 2023/24 school year, it was recognized as a Certified Demonstration Magnet School by Magnet Schools of America.

Resources and curriculum programs developed and evaluated by the Center are available on BioEd Online (www.bioedonline.org), a comprehensive STEMM education website serving approximately 200,000 users each year.