



**Texas Higher Education
Coordinating Board
April 26, 2018**

**Paul Klotman, M.D.
President & CEO
Executive Dean
Baylor College of Medicine**

Baylor College of Medicine Historical Timeline

- **Founded in 1900 in Dallas**
- **Second oldest medical school in Texas**
- **Moved to Houston in 1943**
- **In 1947, moved to present site in the Cullen Building – the first building constructed in the Texas Medical Center**
- **In 1948, Dr. Michael E. DeBakey appointed Chair of the Department of Surgery**
- **College of Medicine separated from Baylor University in 1969 with the establishment of an independent Board of Trustees**
- **Also in 1969, Texas Legislature passed a law authorizing State funds for Baylor College of Medicine**

Mission

Baylor College of Medicine is a health sciences university that creates knowledge and applies science and discoveries to further education, healthcare and community service locally and globally.

The 60x30TX Strategic Plan

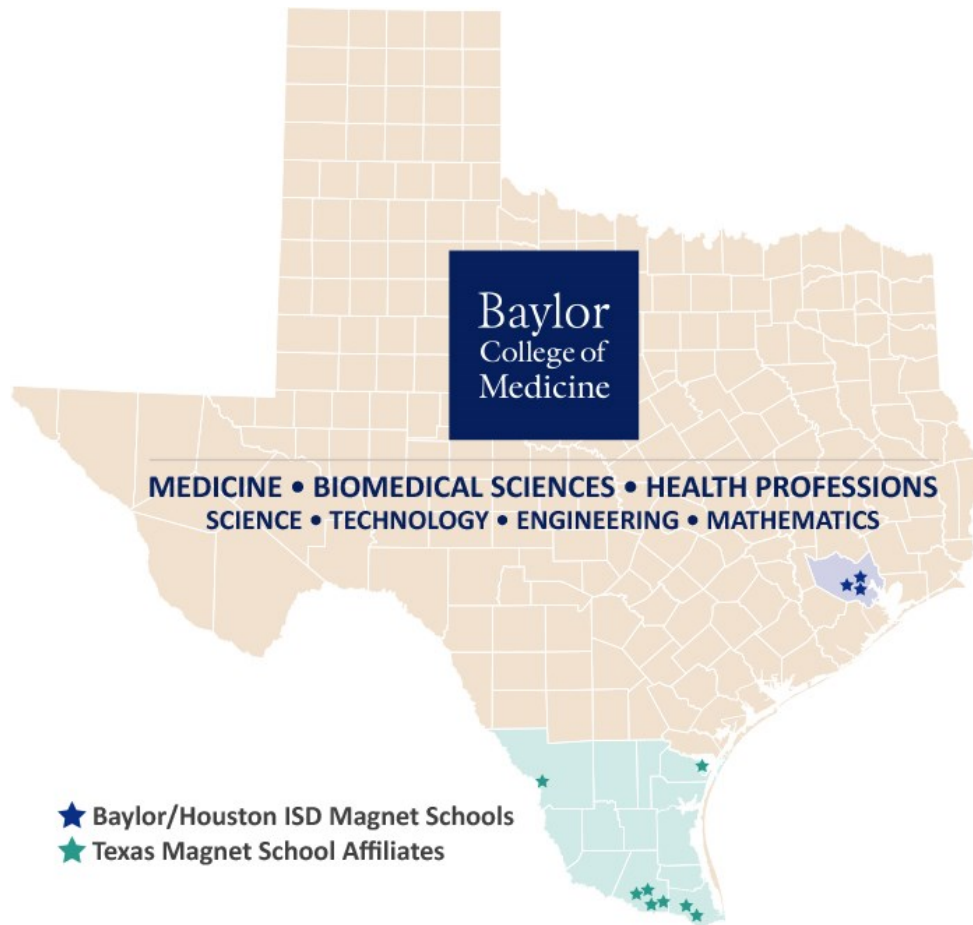
Texas Higher Education Coordinating Board

The overarching goal of the plan is for 60 percent of the 25-34 year olds in Texas to hold a certificate or degree by 2030.

Two-year (and) four-year institutions can help by building or strengthening their connections to local or regional organizations and school districts.



BCM Magnet School Affiliates



Baylor College of Medicine Academy at Ryan
(Houston, 2013)

Baylor College of Medicine Biotech Academy at Rusk (Houston, 2016)

DeBakey High School for Health Professions
(Houston, 1972)

Health Science Academy at Foy H. Moody High School (Corpus Christi, 1990)

Health Science Magnet at J.B. Alexander High School (Laredo, 1994)

Rising Scholars Academy of South Texas
(San Benito, 2015)

The Science Academy of South Texas
(Mercedes, 1989)

South Texas Academy for Medical Professions
(Olmato, 2015)

South Texas Business, Education and Technology Academy (Edinburg, 1993)

South Texas High School for Health Professions
(Mercedes, 1983)

South Texas Preparatory Academy
(Edinburg, 2008)

DeBakey High School for Health Professions



- Created in 1972 in partnership with Houston ISD
- First health professions magnet high school in the nation
- Provides a rigorous and comprehensive pre-college program for students pursuing careers in medicine, health care, and/or the sciences
- Students have experiences in health-care and research facilities at Baylor and other Texas Medical Center institutions
- *U.S. News & World Report* (2017) ranks DHSHP as #4 in Texas, #18 nationally among all schools & #9 nationally among STEM schools





SOUTH TEXAS HIGH SCHOOL FOR HEALTH PROFESSIONS



- Since 1983, Baylor has worked with the South Texas ISD to plan and implement a high school program modeled after the DeBakey High School
- The South Texas High School for Health Professions (Med High), is located in Mercedes, and currently enrolls over 800 students, of whom 95% are underrepresented minority students
- *U.S. News & World Report* (2017) ranks Med High as #30 in Texas and #149 nationally among all high schools

Premedical Honors College



- Built on the success with South Texas ISD schools
- In 1994, the eight-year BS/MD program was created as partnership between UT Rio Grande Valley (then, UT Pan American) and Baylor College of Medicine
- Open to graduating seniors in South Texas
- Students who complete all requirements at UTRGV automatically are offered enrollment at Baylor College of Medicine
- Since its establishment in 1994:
 - 324 students have participated
 - 161 have received M.D. degrees – 132 from Baylor College of Medicine
 - 18 PHC students currently enrolled at Baylor; another 22 at UTRGV
- Program received the “Star Award” from the Higher Education Coordinating Board in 2002 – first medical school program to be honored



Current PHC students at UTRGV



PHC graduates of Baylor College of Medicine now practicing in the Valley

Houston Premedical Academy

- The Houston Premedical Academy – eight-year high school-to-medical school program, established in 1996 between DeBakey High School for Health Professions, the University of Houston and Baylor College of Medicine
- Each year, up to six DHSHP students are selected for the program
- To date, 191 students have matriculated into the program
- Of the program students who earned BS degrees at UH, 114 have entered medical school, and 80 have received the MD degree (77 from BCM and three from other Texas medical schools)
- To date the program has produced 28 residents and 51 practicing physicians (26 in Texas)
- 26 HPA students are currently enrolled at BCM, and 24 are enrolled at UH

Baylor
College of
Medicine



Baylor College of Medicine Academy at James D. Ryan Middle School



- 2013, school opened 6th grade
- 2015, 6th, 7th and 8th grades
- 90% of graduates have gone to top 5 magnet high schools
- Curriculum includes three years of Latin, three years of health sciences and pre AP courses

Baylor College of Medicine Biotech Academy at Rusk Middle School




- 2016, school transitioned to a middle school
- First class will graduate in 2018
- Curriculum includes three years of Spanish and biomedical sciences, with an emphasis on medicine and technology

Baylor has a full-time faculty STEM Specialist assigned to each school.

Support for Teachers Educating Students in Science Classes



- For more than 20 years, BCM has provided intensive, sustained professional development in science for Houston teachers (grades pre-K - 12) through the Baylor Summer Science Institute
 - Funding support from the National Science Foundation, the State of Texas and the Houston Independent School District
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- BioEd Online – teacher web resource that includes teacher guides, video content presentations, lesson demonstrations, 750+ downloadable peer-reviewed slides, and 10 online courses for teachers
 - Provided at no charge to approximately 260,000 users per year

The 60x30TX Strategic Plan

Texas Higher Education Coordinating Board

Goal 1: By 2030, at least 60 percent of Texans ages 25-34 will have a certificate or degree

Strategy: Higher education institutions should aggressively promote college attainment to students and parents prior to high school

Goal 2: By 2030, at least 550,000 students in that year will complete a certificate, associate, bachelor's or master's from an institution of higher education in Texas

Target: Increase the number of Hispanic and African American students completing a certificate or degree

Strategy: Collaborate with K-12 in improving college and career readiness

Goal 3: By 2030, all graduates will have completed programs with identified marketable skills

Goal 4: Limit student debt

Two-year (and) four-year institutions can help by building or strengthening their connections to local or regional organizations and school districts.





Baylor College of Medicine Academy at James D. Ryan Middle School

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