In the fall of 2017, up to 50 physician engineers will begin their studies at the new Texas A&M University Engineering Medicine School (EnMed) at Houston Methodist Hospital.

EnMed is an innovative, interdisciplinary engineering medical school created by Texas A&M University and Houston Methodist Hospital to educate a new kind of doctor.

In our rapidly changing world, we need more doctors who can create transformational technology for health care. Through a partnership between the College of Engineering, the College of Medicine and Houston Methodist Hospital, EnMed will serve as the leading example for the integration of ideas in engineering and medical degrees.

“EnMed students will be expected to invent something transformational before graduating. These innovators, ‘physicianeers,’ will radically change the way that health care is delivered.”

M. Katherine Banks
Vice Chancellor and Dean, Texas A&M Engineering

Merging medicine and engineering with world-class healthcare: A partnership with Houston Methodist Hospital
Within EnMed, medical curriculum will incorporate engineering thought processes, creating a framework that emphasizes innovation and entrepreneurship. Graduates from the program will receive an MD/MS or MD/PhD from Texas A&M and will be primed to become leaders in their fields. Responsive to the rapid advances in technology, these professionals will be armed with the clinical skills to diagnose symptoms and treat patients, along with the engineering mindset to solve problems, invent new technologies and rapidly move these ideas into practice.

EnMed students may pursue studies in such areas as:

- Regenerative medicine and tissue engineering
- Connected health
- Big data/bioinformatics
- Robotics and surgical technologies
- Precision medicine
- Imaging
- Devices and wearable technologies
- Systems engineering and healthcare
- Mathematics and outcomes
- Therapeutics
- In home diagnostics and monitoring
- Artificial intelligence

“We believe that our job is to transform health care for all Texans. This new school would provide us the opportunity to have great impact in a short period of time.”

**PAUL E. OGDEN**
Interim Senior Vice President & Chief Operating Officer
Texas A&M Health Science Center
Interim Dean, College of Medicine
Texas A&M University

For more information about supporting EnMed, contact:

**Reagan Chessher ’97**
Director of Development, College of Engineering
(979) 862-1936
rchessher@txamfoundation.com

**Jessica McCann ’07**
Senior Director of Development, Health Science Center
(979) 436-9107
jmccann@txamfoundation.com