

BioFORCE is a week-long residential STEM summer program of the National Center for Therapeutics Manufacturing at Texas A&M University that exposes high school students to the amazing process of how cutting-edge research and medical discoveries become new drugs and pharmaceutical treatments. **BioFORCE's** 3-year series of biotechnology-focused camps prepares students for college programs in engineering and science and helps them discover their potential to become a scientist who creates a blockbuster, life-saving medicine or an engineer who manufactures disease-eradicating vaccines!

BioFORCE I

Today's Medicine

June 17-21, 2018

Examine pharmaceutical development and manufacturing process, tour facilities that do cutting-edge medical research and pharmaceutical manufacturing, and perform a series of hands-on labs in bacterial transformation, production and purification. **Applicants must be currently enrolled in and complete the 9th grade by June 1, 2018.**

BioFORCE II

Tomorrow's Medicine

July 8-12, 2018

Learn about innovations in regenerative and personalized medicines and stem cell therapies, tour pharmaceutical companies and Texas A&M research labs, and perform a series of hands-on labs in antibody-based protein analysis. **Applicants must be currently enrolled in and complete the 10th grade by June 1, 2018.**

BioFORCE III

My Future in Medicine

July 22-26, 2018

Identify educational pathways to careers in the biotech and pharmaceutical industries, meet with university admissions advisors, and perform a series of hands-on labs in cell culturing, plasmid isolation and quantification, and environmental monitoring. **Applicants must be currently enrolled in and complete the 11th grade by June 1, 2018.**

Register here: <https://nctmtp.teex.tamu.edu>



The National Center for Therapeutics Manufacturing (NCTM) is an interdisciplinary education institution that provides multi-generational technical training and professional development programs for the biopharmaceutical and vaccine manufacturing industries. A member of the Texas A&M University System, the NCTM has created a diverse portfolio of curriculum that incorporates principles of engineering, health, and life sciences designed, developed, and delivered by industry-experienced instructors and academic subject matter experts.