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 manufacturers disease-eradicating vaccines!

**BioFORCE I**
*Today’s Medicine*

**June 18–22, 2017**
Examine the drug development cycle and pharmaceutical production 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 2, 2017.**

**BioFORCE II**
*Tomorrow’s Medicine*

**July 9–13, 2017**
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 2, 2017.** Priority of selection will be given to previous BioFORCE participants.

**BioFORCE III**
*My Role in the Future of Medicine*

**July 23–27, 2017**
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 2, 2017.** Priority of selection will be given to previous BioFORCE participants.

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.

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