

PLEYSMART HEALTH TECH SUMMIT

A program of Lone Star Oncology (501c3 Nonprofit)

Become a Health-Tech Engineer

100% Virtual & Flexible Privacy-First,
NO student data will be collected

Dates: June 1-August 14, 2026



Ages: 7 -13

CLINICAL MODELING

Build a Digital You

Master ECG and oximetry modeling in your Digital Twin



STRUCTURAL DYNAMICS

The Bio-Engine Simulation

Map muscle mass and hydration in the Digital Twin



AUTONOMIC RECOVERY

Hack your Sleep & Energy

Monitor HRV and sleep patterns to engineer optimal recovery within the virtual model



SYSTEMS INTEGRATION

The Future-Health Lab

Learn how AI algorithms transform multi-sensor data into a virtual human body model



Engineering through Simulation:

Students program a Digital Twin using high-fidelity synthetic human models. No personal student health data is ever collected or required for participation.

TYPICAL DAY

MORNING SESSION (8:00 am 12:00 pm)

- **8:00 am-10:00 am.** The Hardware Lab-Health Device Training Hands-on experience with smart health devices and sensor technology
- **Break: 10:00 am-10:15 am**
- **10:15 am 12:00 pm** The Intelligence Lab - AI & Digital Twin Creation Learn how health data transforms into personalized AI models
- **INDEPENDENT LAB** Flexible-1:00 pm-3:00 pm) Students complete their "Home Health Lab" reports on their own schedule

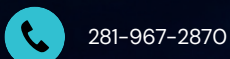
AFTERNOON SESSION (12:15 pm-4:15 pm)

- **12:00 pm-1:45 pm** The Hardware Lab- Health Device Training Hands-on experience with smart health devices and sensor technology
- **Break: 1:45 pm-2:00 pm**
- **2:00 pm-4:15 pm** The Intelligence Lab - AI & Digital Twin Creation Learn how health data transforms into personalized AI models
- **INDEPENDENT LAB** (Flexible-4:15 pm 6:00 pm) Students complete their "Home Health Lab" reports on their own schedule

PROGRAM FEE **\$150** per participant

Neither this organization nor this event is sponsored, endorsed or otherwise affiliated with Clear Creek ISD

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SCAN TO REGISTER

Privacy-First, NO student data will be collected

A PROGRAM OF LONE STAR ONCOLOGY (501C3)



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www.pleysmart.org

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