



SciTech Now

30 minute weekly program

Thursdays at 7:30pm on KLRN

Chris Duel hosts this weekly newsmagazine program. The show covers everything from the IT industry to biomedical enterprises, bringing attention to the science, technology, engineering and mathematics (STEM) advancements in South Central Texas and around the country.

Program number: 434

Program length: 26:46

First air date/time: October 3, 2019 7:30pm

Cybersecurity is critical for individuals, companies and the military. On this week's SciTech Now, we'll see how high-tech and low-tech are holding hands to prevent security hack attacks. UTSA has invented a brand new card game, that pairs with a digital game, to teach people of all ages how to protect their assets.

Participants and their affiliations, titles: Chris Duel, Host | Larry Sjelin, Director, educational gaming development at CIA, UTSA/Travis Sjelin, Gaming Programmer

Program number: 435

Program length: 26:46

First air date/time: October 10, 2019 7:30pm

Will it ever be possible to fly from New York to Los Angeles in less than an hour? That's one part of the hypersonic research going on at Southwest Research Institute. They're testing vehicles traveling at MACH 5, or five times the speed of sound. We'll find out how they use something similar to a gun barrel to perform tests that heat surfaces hotter than the sun.

Participants and their affiliations, titles: Chris Duel, Host | Nicholas Mueschke, Principal Engineer, SWRI/James Walker, Director of Engineering Dynamics, SWRI

Program number: 436

Program length: 26:46

First air date/time: October 24, 2019 7:30pm

It's called Cyber Hygiene, and what it means is using caution anytime you're online—whether it's visiting websites, opening emails or not reusing passwords. The sole purpose is ensuring your data can't be used against you on other sites. This week on SciTech Now, Digital Defense explains how they're keeping not just computers safe, but also building a moat around the cloud, from which a lot of information is stolen.

Participants and their affiliations, titles: Chris Duel, Host | Mike Cotton, SVP Engineering, Digital Defense, Inc.//Mieng Lim, Senior Dir. Product Dev. Digital Defense, Inc.

Program number: 437

Program length: 26:46

First air date/time: October 31, 2019 7:30pm

Program description: UTSA Mission Climate

The very old meets cutting edge when SciTech Now visits the limestone Mission Concepcion church. Scientists and UTSA students are utilizing software and monitors to better retrofit the old church with state-of-the-art technology that will keep visitors and parishioners cool. The ancient stone church collides with 21st century tech on SciTech Now.

Participants and their affiliations, titles: Chris Duel, Host | Anthony Martinez Molina, UTSA Asst. Prof Architecture//Molly Padilla UTSA graduate research student//Mayra Landin, UTSA graduate research student

Program number: 438

Program length: 26:46

First air date/time: November 7, 2019 7:30pm

For most people, losing weight and staying in shape is a very difficult thing to do and to also maintain. and, who hasn't that thought—what if i could just take a pill, rather than diet and exercise?

Well, it might be closer than you think! doctors and researchers at the university of Texas health San Antonio are conducting a study into the effects of exercising has on all the cells in the human body, and it could lead to a much simpler way to stay healthy.

Participants and their affiliations, titles: Chris Duel, Host | EDWARD MONTES – STUDY PARTICIPANT | DR. DARPAN PATEL, ASSOC. PROF OF RESEARCH | DR. NICOLAS MUSI, PROF. OF MEDICINE AND DIRECTOR OF BARSHOP INSTITUTE AGING

Program number: 439

Program length: 26:46

First air date/time: November 14, 2019 7:30pm

Disabled citizens are sure to be helped by a brand new tech app that uses voice assistants in conjunction with the public library system. Several seniors at Texas A&M-San Antonio have built the app to make it easier for the blind, elderly and others, by utilizing voice assistants, such as Hey Google and Siri. The app hears the voice commands, secures and information and furnishes it to the user. For the blind, and the elderly, this would be a huge help in checking their library accounts and ordering books and tapes.

Participants and their affiliations, titles: Chris Duel, Host | David Velez & Harry Scaley & Clinton Minton Texas A&M-San Antonio seniors/

Program number: 440

Program length: 26:46

First air date/time: November 21, 2019 7:30pm

Program description: Cybersecurity is critical for individuals, companies and the military. On this week's SciTech Now, we'll see how high-tech and low-tech are holding hands to prevent security hack attacks. UTSA has invented a brand new card game, that pairs with a digital game, to teach people of all ages how to protect their assets.

Participants and their affiliations, titles: Chris Duel, Host | Larry Sjelin, Director, educational gaming development at CIA, UTSA/Travis Sjelin, Gaming Programmer