



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: 320

Program length: 26:46

First air date/time: July 12, 2018 7:30pm

On tonight's episode: understanding Alzheimer's disease , innovation in humanitarian relief, a look at how artificial intelligence is helping the human race, and underwater autonomy.

Participants and their affiliations, titles: Chris Duel, Host | Hyoung-gon Lee, PhD, UTSA | Professor Haeun Kim, Research Student, UTSA

Program number: 321

Program length: 26:46

First air date/time: July 19, 2018 7:30pm

On today's episode, empowering students through science, more efficient models for environmental sustainability, meet the one and only Bill Nye The Science Guy , and the physics of the hockey slap shot.

Participants and their affiliations, titles: Chris Duel, Host | Abel F. De Leon, Dean of Academics of School of Science and Technology | Murat Soruc, Technology Teacher at School of Science and Technology | Justin Cantu, 10th grader at School of Science and Technology

Program number: 322

Program length: 26:46

First air date/time: July 26, 2018 7:30pm

We got behind the scenes at JBSA-Randolph to see their latest technology. The pilot instructor training, also known as PIT NEXT, allows student to learn flying skills. The VR systems were implemented a few weeks ago and have monitors, goggles and a controller.

Participants and their affiliations, titles: Chris Duel, Host | Lt. Col. Justin Chandler, Commander, 99th Flying Training Squadron | Lt. Col. Matthew Strohmeier, Commander, 560th Flying Training Squadron

Program number: 323

Program length: 26:46

First air date/time: August 2, 2018 7:30pm

On today's episode, a wearable device that reads your brain waves, tires made from lettuce, controlling the noise, and, something you might find surprising about the world of science.

Participants and their affiliations, titles: Chris Duel, Host | Erica Warp, PhD Vice President of Product Emotiv

Program number: 324

Program length: 26:46

First air date/time: August 9, 2018 7:30pm

On today's episode, Researchers at UTSA are developing a technological defense against earthquakes, reaching greater depths with 3D printing, the next generation of the Space Telescope, and, a library full of bugs.

Participants and their affiliations, titles: Chris Duel, Host
Professor Wassim Ghannoum, UTSA

Program number: 325

Program length: 26:46

First air date/time: August 16, 2018 7:30pm

Cutting edge research into brain activity patterns that affect stuttering could lead to breakthroughs in optimizing brain functions for a wide variety of people, including Alzheimer's patients. We go to a UTSA Cognitive Neuroscience lab for a firsthand look at this research in action.

Participants and their affiliations, titles: Chris Duel, Host | Edward Golov, Professor of Psychology, University of Texas At San Antonio | Eric Dittmar, Test Subject | Kay Robbins, Professor of Computer Science, University of Texas at San Antonio

Program number: 326

Program length: 26:46

First air date/time: September 6, 2018 7:30pm

You've heard of robots, and even artificial intelligence, but have you heard of Co-bots?! One of the goals of these Co-Bots is "ease of usage" as well as keeping the work environment safe and out of harm's way. We take you to Southwest Research Institute, to show you these Co-bots, in action.

Participants and their affiliations, titles: Chris Duel, Host | Matt Robinson, SwRI's program manager for ROS-Industrial Consortium

Program number: 327

Program length: 26:46

First air date/time: September 13, 2018 7:30pm

It's a breakthrough medical technology that will lend new hope to breast cancer patients. Called, 'Hidden Scar,' this minimally invasive surgery means some patients will not have to undergo a radical mastectomy and reconstruction.

The end result? Patients have only a small scar left behind that is not visible to the naked eye.

Along with that—the removal of cancerous tissue and new implants takes place during the same time in the O-R.

Participants and their affiliations, titles: Chris Duel, Host | Morton Kahlenberg, Medical Director, Cancer Services, Baptist Health System

Program number: 328

Program length: 26:46

First air date/time: September 20, 2018 7:30pm

Oral cancer can be aggressive and deadly, but there is hope. We go to the UT Health San Antonio Dental School, where a clinician scientist is not only studying a breakthrough with thymol, but noticing that the thymol goes back to nature with the plants.

Participants and their affiliations, titles: Chris Duel, Host | Cara Gonzales, Associate Professor of Comprehensive Dentistry, UT Health San Antonio

Program number: 329

Program length: 26:46

First air date/time: September 27, 2018 7:30pm

You've probably seen drones in the sky; they're becoming more and more popular as drones have become more user-friendly and are capable of beautiful photography, but what happens when drones fall into the wrong hands and become dangerous? A new startup called, "Drones for Prey" have teamed up with the EPIcenter to create new technology to combat drones with bad intent.

Participants and their affiliations, titles: Chris Duel, Host | Kimberly M. Britton, CEO EPIcenter | Michael Cohen, Founder/CEO Drones of Prey