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MEDIA HIGHLIGHTS

AUGUST 2022





Culture Matters in 'Marshmallow Test'

International Business Times

(July 24, 2022) -- A new twist on the marshmallow test conducted on children in the U.S. and Japan shows there are cultural differences in how long children are willing to wait and what they are willing to wait for.

"There was this idea that some kids simply have more self-control and some kids have less," said Yuko Munakata, a senior author in the study and research affiliate at CU Boulder. "If we had just looked at their behavior with the sweets, it would have looked like Japanese kids have better self-control. But that was not the end of the story."



Satellites Can Get Lost in Major Solar Storms

Space

(July 26, 2022) – "In the largest storms, the errors in the orbital trajectories become so large that, essentially, the catalog of orbital objects is invalidated," said Tom
Berger, a solar physicist and director of the Space
Weather Technology Center at CU Boulder. "The objects can be tens of kilometers away from the positions last located by radar. They are essentially lost, and the only solution is to find them again with radar."



An Artist Zoomed in on the Microbes that Make Algae in Our Lakes

Denverite

(July 21, 2022) -- Erin Espelie has found comfort in the microscopic. A biologist turned filmmaker, she's long been interested in using art to talk about environmental issues and the way climate change is reshaping our world. "REFRESH" centers around time-lapse video she created in a CU Boulder microbe lab, where she's an artist in residence. The video shows generations of cyanobacteria feeding on light, growing, multiplying and then killing itself with the oxygen it produces through photosynthesis.



Wondrous New Images Coming from James Webb Telescope

CBS News

(July 12, 2022) – "The James Webb has a dark sky," observed John Bally, an astrophysicist and professor emeritus at CU Boulder. "It will have the same resolution as Hubble, but will penetrate into interstellar clouds; into the early universe where we can see the light from the first stars, we hope."



Local Environmental Regulations

Become More Important with Supreme

Court's Environmental Protection

Agency Decision

Summit Daily News

(July 11, 2022) -- "It says that the EPA needs clear authorization from Congress to establish a cap-and-trade program or to accommodate generation shifting," CU Boulder law professor Jonathan Skinner-Thompson said. "I think it is a rather narrow decision. It only addresses the EPA as authority under one provision of the Clean Air Act and only with respect to one industry, and that industry is moving in the right direction, for the most part, anyway."



Parasites Found in Children Linked to Poverty, Professor's Study Shows

Newsweek

(July 15, 2022) – "Intestinal parasite infections, like those caused by parasitic worms, were common in the United States throughout our history," said <u>Tara Cepon-Robins</u>, an associate professor of anthropology at UCCS. "But since the 1980s, very few follow-up surveys have been collected to understand how common they remain."



How the U.S. Government Preserves Pollution in Conservation Areas

Reuters

(July 20, 2022) -- Converting contaminated sites for conservation has pluses and minuses, said David Havlick, a professor at UCCS, who researches the repurposing of former military sites. Areas that might have festered can be recycled to provide true ecological benefits and protections for wildlife, he said. But declaring a refuge can also be the government "shirking their cleanup obligations," he said.



New Program Pays Tuition for Rural, Low-income UCCS Students

KKTV

(July 11, 2022) – "The behavioral health needs in our community are profound. We have a workforce shortage in Colorado that existed before COVID," said <u>Catherine Simmons</u>, professor and the director of the Master of Social Work program at UCCS. The university has the newest social work program in Colorado.



Chefs Put New Strategies in Play to Adapt to the Changing Foodservice Scene

Food Service Director

(July 11, 2022) -- Student labor — or the lack thereof — is an issue in college dining. There are fewer students willing to work in foodservice, and those who want a job are unsure about how to apply, said Polly Knutson, assistant director of dining and hospitality services at UCCS. Once on board, "they don't know how to smile," she adds, making training on the hospitality component necessary.



From Online to Hybrid: Lessons Learned from COVID-19 Applied to the Recent School Year

The Gazette

(July 31, 2022) – The hybrid model has been used to great effect at UCCS. "We were one of the first schools to offer an online MBA program," said <u>Seth Porter</u>, the dean of libraries at UCCS. "There is a lot of (tech) fluency in our faculty and IT department, so we have the grassroots foundation for a strong hybrid program."



University of Colorado Denver



New Study Directly Connects Student Belonging with Academic Wellness

Diverse Issues in Higher Education

(July 13, 2022) – A new report functions as a "roadmap for all public institutions" to increase their focus on the individual, beyond the bureaucratic functions of an institution which makes people "expendable," said Constancio Nakuma, provost and executive vice chancellor for student affairs at CU Denver.



Searching for Reasons Behind Colorado's Spike in Car Thefts

The Denver Gazette

(July 26, 2022) -- <u>Brenden Beck</u>, a criminologist at CU Denver, said rises and ebbs in crimes have more complex contributors than just one or two factors. He pointed to drops in crime in the mid-1990s after a few years of increases, the causes of which criminologists still don't agree on.

"If we can't even find out what happened globally across the decade, it's going to be pretty difficult to pin down precise causes of what happened annually in one city like Denver," he said.



Colfax May Require a Redesign to Keep Pedestrians Safe

9 News

(July 12, 2022) -- "[Colfax] was designed well before cars were invented," said Wes Marshall, associated professor of civil engineering at CU Denver. "It was designed for other things first, then it became a state highway. And that's where the prioritization for drivers and cars came into being."



"Gentrification on Steroids" Squeezes Out Latino Students, Raising Fears of Denver School Closures

The Denver Post

(July 3, 2022) -- Advocates and researchers are concerned that any potential closure will disproportionately affect students of color and immigrant families who rely on schools not just for education, but for meals, dental care and as a place to build their community.

"Schools become a hub in neighborhoods for families," said Marisa Westbrook, a PhD student at CU Denver who is studying how neighborhood changes affect the mental health of Latino families in southwest Denver.



Lakewood Wants to Nearly Double the Number of Trees in the City, but Where Should They Go?

The Denver Post

(July 9, 2022) -- <u>Austin Troy</u>, a professor at CU Denver's department of urban and regional planning, said the western United States' drier and harsher climate makes it tougher to grow a forest than back east.

"Trees are not natural here, except in the river corridors,"

Troy said of the Front Range's ecology. "Planting trees is not enough — maintenance is really important."



University of Colorado Anschutz Medical Campus



Silent, Subtle and Unseen: How Seizures Happen and Why They're Hard to Diagnose

The Conversation

(July 21, 2022) -- <u>Jacob Pellinen</u>, assistant professor of Neurology at the CU Anschutz Medical Campus, writes: The truth is, seizures are far more varied than what you see in popular culture. Instead, they are often subtle, silent and unseen.



Drug Overdose Deaths Rose More
Among Black and Indigenous
Americans During COVID-19
Pandemic

TIME

(July 20, 2022) -- Many American Indian and Alaska Native communities have insufficient resources to treat substance-use disorder, and in many cases, people living on tribal reservations need to travel a long way to receive treatment, said <u>Jerreed Ivanich</u>, an assistant professor in the Colorado School of Public Health at CU Anschutz and a member of the Metlakatla Indian Community.

"You're driving an hour, two hours plus, to get resources. And if you don't have a job, if you don't have childcare, if you don't have support networks at home, getting to those programs and resources becomes really difficult," he said.



How Finger Puppets Can Help
Promote Early Language
Development in Babies

Rocky Mountain PBS

(July 10, 2022) -- According to Gretchen Domek, a pediatrician, associate professor of Pediatrics at the CU School of Medicine and senior investigator for the Center for Global Health at the Colorado School of Public Health, talking with babies as young as two months old can set the stage for future vocabulary growth, school readiness and academic success.



How Heat Waves Could Have Long-Term Impacts on Your Health

TIME

(July 13, 2022) -- "While increased risk for heat stroke is an obvious manifestation of global warming, climate change is actually causing health problems today in direct and indirect ways," said Richard J. Johnson, a medical professor and researcher at the CU Anschutz Medical Campus, and one of the world's foremost experts on the intersection of heat stress and kidney disease.



Many Medications Affect More Than One Target in the Body

The Conversation

(July 11, 2022) -- Gregory Way, assistant professor of biochemistry and molecular genetics at the CU Anschutz Medical Campus, writes, "rather than seeing a drug's ability to perform many functions as a flaw, biomedical data scientists like me and my lab colleagues believe that it can be used to our advantage in designing drugs that address the full complexity of biology. "

University of Colorado | Focus on CU Faculty www.cu.edu/focus-on-faculty | cunews@cu.edu 1800 Grant Street, Suite 800, Denver CO, 80203

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