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# FOCUS ON FACULTY

**MEDIA HIGHLIGHTS**

**AUGUST 2018**



University of Colorado **Boulder**



## [Terraforming Mars might be impossible due to a lack of carbon dioxide](#)

**New Scientist**

(July 30, 2018) -- [Bruce Jakosky](#), professor of geological sciences at CU Boulder, and Christopher Edwards, Northern Arizona University, used results from several spacecraft to build an inventory of all the carbon dioxide on Mars to figure out whether – if we moved all of it from the ground into the atmosphere – we could create high enough temperatures and pressures for life. The answer is no.

Right now Mars has an atmospheric pressure of about six millibars – tiny compared to the one bar at sea level on Earth. “We would need something like a million ice cubes of carbon dioxide ice that are a thousand kilometers

across in order to do get to one bar,” Jakosky said.

Also: ['Stolen' electrons spark unusual auroras on Mars](#), Space.com, July 25



## [As wildfires rage in Colorado high country, authorities try to protect watersheds from contamination](#)

**The Denver Post**

(July 2, 2018) -- Wildfires spreading over the western United States already taint nearby streams with unhealthy sediments and organic materials, and may someday overwhelm municipal water supplies. It also comes as dry weather and high temperatures have sparked a spate of wildfires in the mountains.

“A great number of drinking water utilities draw water from forested watersheds,” said [Fernando Rosario-Ortiz](#), an associate professor at CU’s Department of Civil, Environmental and Architectural Engineering. “When these watersheds are impacted by wildfire, the impacts on source water quality can be severe.”

Also: [Fire, fire everywhere: The 2018 global wildfire season is already disastrous](#), HuffPost, July 28



## [Great Sand Dunes Park was born out of cooperation. Is there a drought lesson for today in that?](#)

### Colorado Public Radio

(July 11, 2018) -- Historians at CU Boulder's Center of the American West want to know why some communities rally around water resources, and others fail. In the San Luis Valley, the community first fought over water then later banded together to save it.

[Patty Limerick](#), the director of the center, said tales of fights over water are predictable and leave people beaten down. "But water also causes some people in some circumstances to say, 'we've got to pull it together,'" she said.

Also: [As Colorado and the West dry out at record rates, we need a new word for drought](#), Colorado Public Radio, July 5



## [How much trash is on Mount Everest?](#)

### Live Science

(July 15, 2018) -- Mount Everest has a mountain of a problem: human waste. And not just leftover camping meals, beer and fuel cans, but human poo, too. So, how much poopy and other garbage calls the planet's highest mountain home?

"Compare it to Denali," the 20,310-foot (6,190 m)

mountain in Alaska, said [Alton Byers](#), a mountain geologist at the Institute for Arctic and Alpine Research at CU Boulder. “They grill you — ‘What have you done?’ ‘Are you worthy of climbing this mountain?’ Then, they lay out all these ground rules.” On Everest, however, he said, “There's no rules, no accountability, no nothing.”



## [New Colorado business filings up, job growth expected to continue, report states](#)

**The Denver Post**

(July 25, 2018) -- New business filings in Colorado are up in the second quarter of 2018, raising expectations that strong job growth will continue throughout the year. That's one of the main takeaways from the Quarterly Business and Economic Indicators report from the Leeds School of Business and Colorado Secretary of State Wayne Williams' office.

“Business filings continue to surprise, mirroring a general acceleration in economic activity in the state,” said [Richard Wobbekind](#), executive director of CU's business research division.



University of Colorado **Colorado Springs**



## [Colorado economists agree slowdown is coming, but not on when](#)

**The Gazette**

(July 15, 2018) -- The Colorado economy has been booming for years, but economists who follow it expect growth to slow over the next year and fall into a recession by late 2019 or early 2020.

“It is difficult to predict when the slowdown will come, but when you have this many variables pushing toward a recession, it makes a recession more likely and erodes confidence” in the economy, said [Tatiana Bailey](#), director of the Economic Forum at UCCS. “The factors that point to a recession don’t yet outweigh the factors that point to a continued expansion, so we aren’t yet at a pivot point.”

Also: [The future of minority-owned business is bright](#), Colorado Independent, July 18



## [Political analyst on Kavanaugh: ‘I think his nomination gets confirmed’](#)

**KRDO**

(July 10, 2018) – Donald Trump has nominated Judge Brett Kavanaugh for the Supreme Court. Kavanaugh is known for his conservative views on legalized abortion and same-sex marriage.

“I think his nomination ends up getting confirmed,” said [Josh Dunn](#), political science professor at UCCS. “I think

Kavanaugh is on the Supreme Court before the election.”

Also: [Colorado petition circulators out in force as August deadline for ballot spot nears](#), The Gazette July 21



## [Large turnout for Colorado Springs' PrideFest reflects community support, fear that rights are threatened](#)

**The Gazette**

(July 15, 2018) -- PrideFest's grand marshal, [Stephany Rose Spaulding](#), professor of women's and ethnic studies at UCCS, said LGBTQ rights will be jeopardized if Brett Kavanaugh, President Donald Trump's nominee to replace the retiring Anthony Kennedy, is confirmed as the next Supreme Court justice.

"I saw him say that he interprets the Constitution in a way that he believes was the mind of the constructors," she said. "If that is true, this community is going to suffer."



## [Transgender conversion has become more accepted in Colorado Springs](#)

**The Gazette**

(July 14, 2018) -- Although children who are questioning their gender identity can take puberty-delaying drugs to give them more time to decide, most of [Deborah Tuffield's](#) transgender clients are teenagers or young adults.

“It’s kind of a big deal working with a person’s gender preference,” said Tuffield, senior instructor at the UCCS Helen and Arthur E. Johnson Beth-El College of Nursing and Health Sciences. “We have to track everything closely to get the desired effects without the side effects.”



University of Colorado **Denver**



## [Election takeaways: Colorado’s primaries show Democrats have momentum heading into November](#)

**The Denver Post**

(June 29, 2018) -- Looking to November, the primary voter turnout shows more Democratic momentum at this point, according to a dozen political observers.

“If you’re trying to gauge a blue wave or enthusiasm, I would say those numbers look pretty good for Democrats,” said [Paul Teske](#), the dean of the CU Denver School of Public Affairs. “Midterm elections are always a referendum on the president, and we have a fairly unpopular president, probably more unpopular in Colorado than a lot of other states.”



## [Should parents allow privacy for their kids or monitor their activity online and elsewhere?](#)

7 News

(July 12, 2018) -- Technology has helped make monitoring your children easy. Consider an app like Life360, for example, as it allows family members to communicate throughout the day and share their locations. But those are a waste, if you ask CU Denver professor [Amy Hasinoff](#).

“It’s much better to just start from communication, build a relationship, have an open dialogue,” said Hasinoff, a professor of new media.



## [Facial recognition technology: Does it violate privacy or protect community?](#)

7 News

(July 9, 2018) -- There’s much to be said for facial recognition technology. It’s used in theme parks to help find lost children and the airline Jet Blue even tried it to help speed up the boarding process. So how do you keep the community safe using technology that adds security without infringing on citizens’ privacy rights? Professor [Jeff Smith](#), associate director of National Center for Media Forensics at CU Denver sees conflict as unavoidable.

“It’s a delicate dance between technology and the comfort level of the public and policy, as citizens are more



comfortable with it in their lives and the performance of it gets better and better,” Smith said.



## [Briefcase: CU program trains managers on building 'A-Teams'](#)

**Denver Business Journal**

(July 9, 2018) -- About 65 attended CU South Denver's latest EduTalk installment, "Do You Have an A-Team?" Hosted by CU South Denver Vice Chancellor [Luella Chavez D'Angelo](#), the talk focused on 13 characteristics of a high-performance team, such as having an open feedback culture. The EduTalk series aims to build successful teams and employees through lectures and professional development.



## [How the Cold War changed Colorado, from Miss Atomic Energy pageants to Rocky Flats](#)

**Colorado Public Radio**

(July 23, 2018) -- The Cold War changed American citizens and their mindsets in different ways than Vietnam or other more traditional wars did. The Western Slope, for example, was reshaped by the Cold War when the area became the focus of domestic uranium production, he said. Some Grand Junction police cars proudly sported atomic symbols on their doors, and the Miss Atomic Energy beauty contest was a popular event. The winner

received a truckload of uranium ore. CU Denver political science lecturer **Don Stanton** wrote about it in his book, *Looking Back at the Cold War*.



University of Colorado **Anschutz Medical Campus**



### [New study reveals startling results for cancer patients who opt for natural remedies](#)

**Washington Times**

(July 19, 2018) -- [Sameer Nath](#), assistant professor of radiation oncology at the CU Anschutz Medical Campus, said herbal and holistic therapies are an open topic of conversation among his patients and a favored treatment option.

“I’ve had several patients with brain, breast and skin cancers refuse standard curative intent therapy in lieu of a variety of alternative therapies, most of which are unproven,” Nath said. “I’ve even had some patients traveling to other countries for specific alternative therapies.”



## [Amid the opioid crisis, some seriously ill people risk losing drugs they depend on](#)

**The Washington Post**

(July 14, 2018) -- Doctors are in the middle of a turnabout, said [Matthew Wynia](#), director of the Center for Bioethics and Humanities at the CU Anschutz Medical Campus. For 20 years, physicians were told, often by bioethicists and patient-empowerment groups, to believe patients when they said they were in pain and to do what the patients wanted.

Now, he said, the bioethicists and others have a new role: to help “one side understand where the other side is coming from, that the opposing force isn’t evil, but coming at this with a set of values and preferences and priorities that need to be understood to find some sort of common ground.”



## [Colorado veteran Spencer Milo battled invisible wounds of war after returning home](#)

**The Denver Post**

(July 6, 2018) -- [Spencer Milo](#) lives with his wife and two children in Castle Rock and serves as the director of veterans programs, communications and strategic development for the Marcus Institute for Brain Health (MIBH) at the CU Anschutz Medical Campus. The MIBH offers a model to treat mild to moderate brain injuries,

post-traumatic stress, depression and anxiety.

“Invisible injuries are so prevalent in the post 9-11 war on terror,” Milo said. “People just don’t realize how much of a plague it is. There’s still a stigma around mental health. The biggest thing is to make people realize that you can get better — you don’t just have to sit quietly.”



## [Working 45 hours a week can increase women’s diabetes risk](#)

**Tech Times**

(July 4, 2018) – A recent study found working 45 hours or more per week was associated with an increased incidence of diabetes among women, but not men. There are, however, steps women can take to lower the risk.

“Weight loss was the dominant predictor of reduced diabetes incidence,” CU Anschutz Medical Campus researcher [Richard Hamman](#) said. “For every kilogram of weight loss, there was a 16 percent reduction in risk, adjusted for changes in diet and activity.”



## [DOC tests virtual reality as inmate training tool](#)

**KTVA**

(July 9, 2018) – More than two-thirds of Alaska’s inmates who leave prison return within three years. Now, Alaska’s Department of Corrections is partnering with CU to try

something new -- training inmates in the skills they'll need to succeed in life outside of prison using virtual reality.

“All of the work with corrections in VR is really brand new and that’s why we're really excited about this,” said [Matt Vogl](#), executive director of the National Mental Health Innovation Center at the CU Anschutz Medical Campus. “We thought if we can make things work in Alaska then we can probably make them work just about anywhere.”

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