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CU MEDIA HIGHLIGHTS

FEBRUARY 2013 WWW.CU.EDU

CU COMMUNITY GRABS HEADLINES AROUND THE GLOBE

UNIVERSITY OF COLORADO BOULDER

CU-BOULDER RESEARCHER HONORED BY NATIONAL ACADEMY OF SCIENCES

John Gosling is one of 18 individuals honored earlier this month for outstanding scientific achievements by the National Academy of Sciences. Gosling is a senior research associate at CU's Laboratory for Atmospheric and Space Physics. He was awarded the Arctowski Medal for research contributions regarding the generation of energetic solar events, such as solar flares and coronal mass ejections. Daily Camera, Jan. 6

USING SOUND TO NAVIGATE CAMPUS

New students and visitors at CU-Boulder can stream or download audio and text files that give detailed directions that use nonvisual cues as guideposts. It's one part of a way-finding map project. Karen Rosenschein of CU-Disability Services discusses the project on Colorado Public Radio. CPR, Jan. 14

PINE BEETLE OUTBREAK BUFFERS WATERSHEDS FROM NITRATE POLLUTION

A research team involving several scientists from CU-Boulder has found an unexpected silver lining in the devastating pine beetle outbreaks ravaging the West: Such events do not harm water quality in adjacent streams as scientists had previously believed. According to CU-Boulder team member professor William Lewis, the new study shows that smaller trees and other vegetation that survive pine beetle invasions along waterways increase their uptake of nitrate, a common disturbance-related pollutant. Science Daily, Jan. 14

TINY ROBOTS SWARM BOULDER

You know how ants work together to accomplish a task that no single ant could do alone? Scientists at CU-Boulder are modeling that with a swarm of Ping-Pong ball-sized robots designed to work together like industrious insects. Research team leader Dustin Reishus spoke with Ryan Warner at Colorado Public Radio. CPR, Jan. 4

CU-BOULDER ASTRONAUT ALUMNUS DRAWS ASSIGNMENT TO INTERNATIONAL SPACE STATION

NASA announced that astronaut **Steve Swanson**, a CU-Boulder alumnus, has been chosen as a crew member on two future expeditions on the ISS, an internationally developed research station that orbits the Earth about once every 90 minutes. Starting in March 2014, Swanson and five others will live on the station for six months as part of two overlapping expeditions. Daily Camera, Jan. 22

UNIVERSITY OF COLORADO COLORADO SPRINGS

STUDY SHOWS RED PEN USE BY INSTRUCTORS LEADS TO MORE NEGATIVE RESPONSE

Sociologists Richard Dukes and Heather Albanesi, right, of UCCS report in The Social Science Journal that when teachers use a red pen to add comments to student papers, students perceive them more negatively than if they use another color pen. Phys.org, Jan. 23

STYROFOAM ROBOTS INVADE UCCS ART GALLERY

An invading force of Styrofoam robots attacked the Galleries of Contemporary Art at UCCS. The art exhibit "Styroboto: Nothing Comes From Nothing" is by contemporary artist **Michael Salter**, who describes himself as an obsessive observer who searches through "the avalanche of mass media and corporate branding to find poignant, absurd and baffling pieces" for his work. KOAA.com, Jan. 15

PROJECT SEEKS TO END INTERPERSONAL VIOLENCE EXPERIENCED BY STUDENTS

Teaching faculty and staff to effectively intervene when students appear to have experienced interpersonal violence or when an abusive conversation is overheard is the goal of a new interpersonal violence prevention program led by a professor of criminal justice.

Katie Kaukinen, associate professor in the School of Public Affairs, leads a new campus-based program, Respect on Campus. For the spring semester, Kaukinen and a team of peer educators are offering to visit UCCS classes to empower faculty and students to prevent violence. Communiqué, Jan. 9

CHINESE UNIVERSITY LEADERS VISIT UCCS

Five university vice presidents from China will spend 17 weeks at UCCS to study American academia. The university presidents are from Jiangsu (John-Soo) Province. "We are honored to host our peers from Chinese colleges and universities at UCCS," Chancellor Pam Shockley-Zalabak said. "Through such exchanges, we develop knowledge, dispel stereotypes and connect and improve the world through education." Colorado Springs Business Journal, Jan. 11

UNIVERSITY OF COLORADO DENVER

PRESIDENTIAL INAUGURATION INTERTWINES WITH MLK DAY

The Presidential Inauguration took place on Martin Luther King Jr. Day, a federal holiday. This is only the second time in history the two events have fallen on the same date.

"The inauguration of our first African-American President, his second term, it's very significant," said C. Omar Montgomery, an adjunct professor at CU Denver. Montgomery was a keynote speaker at CSU-Pueblo's MLK Day ceremony. He challenged everyone to follow their passion in life and continue King's movement. "To change the social ills that plague us today." KOA.com, Jan 21

NEW THINKING ON CLOSING AMERICA'S SKILL GAP

CU Denver business professor and scholar Wayne Cascio joined 9News from the JP Morgan Center for Commodities. He and other researchers point out that many employers still struggle to fill certain types of vacancies, especially for so-called middle-skills jobs in computer technology, nursing, high-skill manufacturing, and other fields that require postsecondary technical education and training and, in some cases, college math courses or degrees. 9News, Jan. 28

DRUGGED DRIVING LAWS SHOW LITTLE IMPACT: ALL 50 STATES URGED TO ADOPT SUCH LAWS

A new study by economists at CU Denver and Montana State University reveals that so-called drugged driving laws have no discernible impact on traffic fatalities.

"These laws are intended to make the job of prosecuting drugged drivers easier," said Daniel Rees, professor of economics at CU Denver who co-authored the study. Using state-level data from the Fatality Analysis Reporting System (FARS) for the period 1990-2010, the researchers examined the relationship between adopting controlled substance thresholds for drivers and traffic fatalities. They found that the relationship is statistically indistinguishable from zero and concluded that there is no evidence that these limits reduced traffic deaths. Phys.org, Jan. 15

MINI-STEM SCHOOL OFFERED BY CU DENVER GRADUATE SCHOOL

Science, technology, engineering and math are known as STEM subjects and the disciplines are the foundation for many critical careers today and far into the future. The challenge is to take the fear out of studying STEM and present the subjects in an engaging way. "The key is to revise some prejudice, such as 'you have to be super smart to do well in science,' or 'math is hard and boring,'" said CU Denver Graduate School Associate Dean Inge Wefes. YourHub, Jan. 22

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

GUEST COMMENTARY: ANSCHUTZ MEDICAL CAMPUS MAKING STRIDES

Lilly Marks, vice president for health affairs at CU and executive vice chancellor at the CU Anschutz Medical Campus, writes: This University of Colorado campus is dedicated to making health care better and more efficient. Safer, cost-conscious health care benefits everyone. Denver Post, Jan. 24

COLORADO RESEARCHERS BREAK GROUND IN SCHIZOPHRENIA PREVENTION

Researchers in Colorado have broken new ground in the prevention of schizophrenia after giving a brain boosting supplement to pregnant women and newborns.

"This is really an idea that's been hatching for a very long time," said Randy Ross, M.D., at the CU School of Medicine. Researchers gave choline supplements to pregnant women in their final two trimesters. The infants then got it for 33 days. Researchers say the brains of the babies who got the supplement seemed better wired. CBS Denver, Jan. 21

CU MED SCHOOL RESEARCHERS REVEAL NEW HEPATITIS C SECRETS THAT COULD LEAD TO TREATMENT

Researchers at the CU School of Medicine have made new discoveries in the detailed behavior of hepatitis C — findings that could lead to new treatments for the disease.

The research, led by Jeffrey Kieft, associate professor at the Department of Biochemistry and Molecular Genetics, identified specific weaknesses in the virus that could eventually help lead the way to the development of new drugs.

"Viruses like hepatitis C are really good at developing resistance," Kieft said. "They find ways to get around current therapies, so I think there's always going to be a need to bring new therapies to market." Aurora Sentinel, Jan. 2

DRUG COULD HELP PREVENT DAMAGE TO INTERNAL ORGANS DURING SURGERIES

Doctors at the CU School of Medicine have discovered a group of molecules that could ultimately prevent damage to the body's organs during surgeries that require anesthesia. The study is important because severe organ injury is one of the leading causes of death in patients who have had surgeries.

The study marks the first step on the path toward identifying a possible drug that patients could take before or during surgery to lessen harm to organs. But that's still about five years away, said Holger Eltzschig, an anesthesiologist and professor of anesthesiology. Aurora Sentinel, Jan. 29