Securing mobile devices a must[1]

(Photo by Casey A. Cass/University of Colorado)

Mobile devices such as smartphones have become one of the primary tools people use to communicate and interact with the Internet. You can instantly talk to or message anyone else around the world while carrying the power of a computer in your pocket.

However, with all these capabilities come many risks to your personal information – as well as university information – if you use your mobile devices to access university information (which also includes your CU email).

Please read the April 2012 Office of Information Security Cyber Security newsletter[3] to understand how to secure your mobile devices.

You can also find useful guidelines on securing personally owned mobile devices here: http://www.cu.edu/content/policies-and-procedures[4]

Both sides come together at Conference on World Affairs[5]

(Photo by Casey A. Cass/University of Colorado)

The University of Colorado Boulder's annual Conference on World Affairs (CWA) returns to campus for the 64th time Monday through April 13, with 200 events including panel discussions, performances and plenaries.

More than 100 participants from around the country and the globe will pay their own way to travel to Boulder to participate in what Roger Ebert termed "the Conference on Everything Conceivable."

"The Conference on World Affairs is one of the few events in the country where both sides of the political spectrum can come together to have wide-ranging bipartisan discussion," said Juli Steinhauer, CWA co-chair. "It's dialogue as it should be."

Mike Franc, vice president of government studies at the Heritage Foundation, echoes Steinhauer's words.

"As conferences go, the Conference on World Affairs is entirely unique," Franc said. "Conferences that address the major issues of the day are a dime a dozen, as are conferences that sort the like-minded into windowless hotel ballrooms or exclusive resorts to preach their shared perspectives to one another. The organizers of the CWA, in contrast, work overtime to invite participants with a variety of opinions."

The 2012 keynote address will be delivered by Alice Rivlin, senior fellow at the Brookings Institution and founding director of the independent, nonpartisan Congressional Budget Office. Her address "Can the Center Hold: Democracy and Governance in a Polarized America" will take place at 11:30 a.m. Monday in Macky Auditorium. Rivlin will be introduced by CU-Boulder Chancellor Philip P. DiStefano.

The keynote address will be preceded by the CWA's colorful annual opening procession. Led by Rivlin and DiStefano at 11:10 a.m., the procession will advance through the avenue of international flags on display in Norlin Quad and into Macky Auditorium.

Leading Republican strategist Mark McKinnon will deliver a talk titled "The Architecture of a Successful Message" at 11:30 a.m. Wednesday in Macky Auditorium. McKinnon is the global vice chair of Hill+Knowlton Strategies and is the co-founder of No Labels, a political organization made up of Republicans, Democrats and independents whose mission

is to address the politics of problem solving.

New York Times columnist Drew Westen will deliver a plenary talk on “How Politics Lost the American People” at 1:30 p.m. Monday in Macky Auditorium. Westen is a leading voice on the psychology of politics and is the author of “The Political Brain: The Role of Emotion in Deciding the Fate of the Nation.” He has been a political adviser for a range of candidates and organizations, from presidential and congressional campaigns to Fortune 500 companies.

“Particularly in a presidential election year, when so many issues will be bubbling to the surface, I’m really looking forward to this year’s Conference on World Affairs,” Westen said. “It will be a pleasure to be in an environment where thinkers left, right and center can have a civil conversation without all the posturing and venom that comes out in a political season.”

As always, the CWA will offer not just political sessions, but a broad range of subjects and speakers. Conference panels and performances encompass everything from music and literature to environment and science, journalism, visual arts, diplomacy, technology, film, business, medicine and human rights.

Some additional highlights from the 2012 schedule include:

-- Bill Reinert, the national manager of advanced technology for Toyota who leads efforts on research, design and marketing of alternative-fueled vehicles and emerging technologies, will deliver a plenary address on the topic “Peak Oil” at 10:30 a.m. Wednesday in Macky Auditorium.

-- Chicago Sun-Times technology columnist and longtime CWA favorite Andy Ihnatko will give a plenary talk on Steve Jobs and Apple at 12:30 p.m. Wednesday in the University Memorial Center’s Glenn Miller Ballroom. Ihnatko also is a longtime columnist for Macworld magazine and one of the most in-demand commentators on Apple.

-- Grammy-winning pianists, composers and brothers Dave and Don Grusin will close the week with a talking and piano-playing duet at 2:30 p.m. April 13 in Macky Auditorium.

Members of the public attending CWA are encouraged to use public transportation, as there will be no event parking on campus. Free parking is offered on the third level of the Macy’s parking structure at the Twenty Ninth Street shopping center in Boulder, located at the southwest corner of 30th and Walnut streets, from which a free HOP bus ride is available to campus during CWA week.

The HOP will run on its normal route arriving every seven to 10 minutes between the hours of 7 a.m. and 7 p.m. Monday through Friday. The two stops nearest the Macy’s parking structure are at 29th and Walnut streets and at 30th and Walnut streets.

For a complete schedule and more information, visit the Conference on World Affairs website at http://www.colorado.edu/cwa[7].

Five questions for Revi Sterling[8]

Sterling visits a village in Zambia during work on a Gates Foundation project in Zambia and Zimbabwe.

Working in a village in the Darien Gap, Panama.

Failure can be a strong motivator. While working for Microsoft, S. Revi Sterling understood the potential for technology to support positive societal change, but she witnessed numerous examples of well-intentioned efforts come to nothing. She left her research position to pursue a doctorate in Information and Communication Technologies for Development.

After graduating from the ATLAS Institute in 2008, she turned her attention to creating a “world-class master’s program for those practitioner-focused students who have a fire in the belly to get out in the world and create opportunities for sustainable and equitable advancement, be it in health, education, livelihoods support, security or any other development sector.”

Now she is faculty director of ICTD Graduate Studies, and because the master’s program is only in its second year, she says she “wears a number of hats that someday (hopefully soon) can sit on someone else’s head.” Sterling created the six core courses for the program and teaches them, as well as other courses in engineering and business. She’s also responsible for everything from setting students up for successful practicum semesters to grant writing, recruiting, advising students, and collaborating with other like-minded programs, including Engineering for Developing Communities, SEEDS (Social Entrepreneurship for Equitable Development and Sustainability), and university Peace Corps efforts.

Sterling spends time relaxing during a project in the Peruvian Amazon with students and faculty from CU-Boulder’s Department of Electrical, Computer, and Energy Engineering.

In addition, she remains active in research and fieldwork focused on, in part, the role of technology in anti-trafficking efforts, community mental health (“Many of the communities where I work have been systematically traumatized by wars, displacement and other forms of disenfranchisement”), fieldwork ethics, and removing barriers to information critical to individual and community empowerment.

The ICTD field and Sterling have grown together. Early practitioners had successes and failures, she says, that demonstrated critical truths: People will only engage with a development initiative to the degree that they perceive its value; technology is not a panacea but a way to support and scale development strategies; and given the marginalized position of the people the program works with, the quality bar of the technology needs to be that much higher.

“So often, ICTD efforts are composed of second-hand computers with no functional, localized software, short research pilots that do not benefit the community but the researcher, and zero assessment and monitoring/evaluation. These three conditions truly keep me up at night, and have motivated the creation of the master’s program.”

1. Why did you choose CU or did it choose you?

In so many ways, CU and I found each other. It is a bit like the love story where the conventional wisdom assures each of us that there is that perfect person out there for us. While I am not that kind of romantic, I will say that CU, and primarily the ATLAS Institute, and I were meant to be together. It was and remains the only program where I could have designed and pursued the doctoral studies that I did, and it is the only school in the United States that could support the program I now run – the Master’s of Science in Information and Communication Technology for Development (MS-ICTD). This burgeoning field requires that students have strength and depth in both computer science and social science, making it a hard fit for a traditional department or college. Because of the structure of ATLAS and the support of the university administration, we are able to offer an interdisciplinary program that graduates students uniquely prepared for the complexity of working in humanitarian technology, while not perpetuating decades of international/community development failures. We come at technology and development through several perspectives that encourage debate, cognitive dissonance, mediation, and practice.

2. You recently were honored with an Anita Borg Women of Vision Award for your accomplishments and contributions concerning women in technology, including a participatory community radio technology you pioneered. Why did you choose to focus on gender and technology in foreign countries?

I was floored when I found out about the award because it’s one of the only “big” awards in the technology and gender space. A good deal of the impetus for the award is the work I did domestically, trying to strengthen the pipeline of women entering computer science and related fields. This was my main focus at Microsoft Research, where I was before coming to CU. I moved my focus from domestic to international as personal technology started to become ubiquitous in developing regions. I was concerned that if there were barriers for American women in high tech, the barriers would be all the more complex and difficult in areas where women do not enjoy the standard of living and

opportunities that we have. It's been demonstrated over and over that a community can only develop to the degree that the women are able to, and yet, ICTD that specifically targets women and girls remains scarce. The AIR project (Advancement through Interactive Radio) is only one of the efforts I've worked on to increase women's participation by bringing their voices into a public, respected, widely available medium in a non-obtrusive, no-cost way. It was the starting point for many other projects that focus on bringing women and their unique development concerns to the community and beyond in a way that ensures the highest level of personal safety and autonomy while keeping outside/research influence to a minimum. Anything that requires my direct interference to work is doomed. My role is to carefully map human needs into technical systems, and get out of the way.

3. What was it like when the community radio technology was used for the first time and how has it changed lives?

There have been a few "goose bump" stories where women have talked about their new-found respect and how that has increased their standing and decreased incidents of domestic violence and other forms of subjugation. These are the stories that make for a great day in the field. I also get chills when I consider some of the work that one of our Ph.D. students is doing in digitizing World Health Organization (WHO) labor monitoring tools because her work will absolutely save lives. However, the reality on the ground is that, no matter how well a technology fits an issue, there is so much that we can't affect. When I visited one of the communities where I had deployed AIR in 2006, it was exciting to see that the technology was still being used and valued, but several of the women that I worked with could not come to a reunion I held in a central market area because they did not have enough food to be able to walk the distance and back. These are the moments that are heartbreaking and confusing. Am I doing the right thing by creating communication and information channels when basic needs are at risk? But I am not an agricultural or water specialist: I'm a computer nerd and what I can do is link people with the growing numbers of NGO- and citizen-led applications that show where there is available potable water and at what price, or when the World Food Programme will be in the district, or how to migrate to low-water crops.

4. Explain the purpose of an "academic practitioner" and how you developed this idea.

The "academic practitioner" is the technology and development professional who has a strong academic background that will serve her or him well in policy and research circles, a solid understanding and comfort level with myriad fieldwork methods and frameworks to ensure a high level of rigor and integrity, and experience on the ground for at least a semester in order to learn how and when to apply what they've learned in the classroom to real life. Of course, many lessons can only be learned through the reality of fieldwork. This is where people learn to become attentive and innovative. I had a student working in rural Nigeria who realized he needed concrete to create a platform for an antennae; he found a road repair team three hours down the road and bartered for the necessary materials. This is just a normal day in the life. Fieldwork also uncovers gaps in education and domain-specific expertise and thus informs the courses that students chose. It's a Mobius strip – practice informing academe informing practice.

5. What do you consider some of the negatives of technology and can they be minimized?

I rarely blame technology for a failed humanitarian technology effort. This is not to say that technology is a neutral tool; it is embedded in a particular social context and generates responses that run the gamut from aspiration to fear. And yet, the developing world is littered with failed, leftover technology from school projects, civic organizations and research pilots. This is the fault of the people behind the technology. Either they did not pick an appropriate and sustainable technology, or they did not consider maintenance and training, or they placed it in a sub-optimal location in the community. In the worst cases, introducing technology into communities can exacerbate social divides between classes, genders and castes, replicating a have vs. have not situation. It's horrifying how many well-intended people and projects produce such short-sighted "solutions." What we need to do is channel this good will and energy into productive development approaches, which is easier said than done. But this is the motivation of the students in the MS-ICTD program. They know they want to improve the standard of living in a community, but they know they don't quite know how. Making this admission requires a certain level of self-reflexivity and broader world view that is a hallmark of our students.

Obituary: Ed Kelbel[12]

Ed Kelbel

Ed Kelbel, director of the Professional Golf Management Program at the University of Colorado Colorado Springs, died unexpectedly March 28 at a local hospital. He was 52.

He is survived by his wife, Rosemary Kelbel, program assistant, Department of Sociology, and other family members.

Kelbel joined UCCS as assistant director of the Professional Golf Management Program in 2006 and was promoted to director in 2008.

His obituary, as prepared by family members and published in the Colorado Springs Gazette, follows:

Edward Paul Kelbel Jr.

Edward Paul Kelbel, Jr. age 52 (passed away March 28, 2012)

Ed(ward) was the beloved husband of Rosemary Ann (Breithaupt). Their love-filled marriage spanned 28 years. Ed was a loving father to his son, Ted; daughter-in law, Katie; and daughter, Tricia.

He is preceded in death by his father, Edward Paul Kelbel Sr. of Harbor Springs, Mich.

He is survived by his mother, Mary Lou Kelbel; two brothers and three sisters, Mark (Audrey) Kelbel of Colorado Springs and children Remy, Karris and John, Pete (Linda) Kelbel of Petoskey, Mich., and children Mackenzie, Peter and Grace, Julie (David) Leik of Greensboro, N.C., and children Cassie, Emily and Chandler, Sue (Todd) Ortlieb of Petoskey, Mich., and children Cal and Emma, Mollie (Mark) Carter of Harbor Springs, Mich., and children Jack and Caroline.

Ed recently marked 27 years of membership in the PGA of America. He was employed by the University of Colorado Colorado Springs as the director of Professional Golf Management Program. He truly enjoyed sharing his vast knowledge of golf and the golf business with his students. Prior to moving to Colorado Springs in August 2006, he had been the general manager and PGA professional at the Emerald Golf Course in St. Johns, Mich. He was instrumental in growing this business for 12 years. He also worked at the Cheboygan Golf and Country Club and Petoskey Bay View Country Club, Mich., as the golf professional.

Ed graduated from Michigan State University in 1981 and received his master's degree from Ferris State University in 1986. At MSU, Ed was a varsity golf scholarship letter winner. His high school years were spent at Harbor Springs High School where he was instrumental in establishing the golf team in 1974. He was both state champion and a U.S. All-American Golfer in 1976. Additionally, he participated in the baseball and basketball teams and is still listed among the top 10 Harbor Springs Basketball scoring list despite playing before the three point line.

Visitation and funeral mass were earlier this week in Colorado Springs. Ed will be laid to rest at Lakeview Cemetery in Harbor Springs, Mich.

A scholarship fund will be set up in Ed's memory to honor students in the UCCS Professional Golf Management Program, details to be available through UCCS.

The family encourages masses to be said for the repose of his soul, helping others through random acts of kindness, spreading joy and kindness to those who cross our paths and enjoying the beauty of God's creation that surrounds us.

http://www.legacy.com/obituaries/gazette/obituary.aspx?n=edward-paul-kelbel&pid=156800266&fhid=6111[14]

Strategic plan headed to Board of Regents[15]

A UCCS strategic plan that will guide the campus for the next eight years will be shared with the CU Board of Regents at the board's meetings April 18-19 in Denver.

After two all-campus meetings and dozens of small group meetings, Chancellor Pam Shockley-Zalabak will present a draft of Strategic Planning 2020 to the regents. The plan proposes seven values of excellence, a new vision statement and 12 overall goals for the university in the coming years.

"I want to thank everyone who contributed to the direction that we will suggest to the regents," Shockley-Zalabak said. "The draft document reflects the broad participation of the campus and represents what happens when we work cooperatively to a common goal."

A draft version of a new mission statement, which was developed by a 15-member steering committee and shared at a Feb. 8 all campus meeting, is:

"UCCS, a premier comprehensive undergraduate and specialized graduate research university, provides students with academically rigorous and life-enriching experiences in a vibrant university community. We advance knowledge, broaden access and integrate student learning with the spirit of discovery for the benefit of southern Colorado, the state, nation and world."

The UCCS values of excellence are:

STUDENT FOCUS
We value students and never forget that students are our reason for being. We consider students and student outcomes in all the decisions we make. We provide a supportive environment in order to create lasting and significant educational experiences for every student.

INTEGRATION
We value integration of teaching and learning with research and creative work. Scholarship enriches teaching and teaching enriches scholarship. We see these activities as interdependent, allowing for synergies that benefit students, faculty and all members of the university community.

INNOVATION
We value innovation and an entrepreneurial spirit. We are creative problem solvers in the classroom, in our research and in our campus operations. We are catalysts for economic, social and cultural change in our communities. We provide opportunities for our community members to develop the skills of innovation and creative expression.

COLLABORATION
We value collaboration and teamwork as absolutely necessary for success in today's world. We model collaboration in our research, teaching, and campus operations. We actively seek opportunities to collaborate, build partnerships and engage with external organizations.

INCLUSIVE DIVERSITY
We value inclusive diversity as a foundation for teaching and scholarship that prepares students, faculty, staff and community members for both local and global multicultural realities. We provide an open, safe and supportive campus environment based on mutual respect, engagement and learning for everyone, including the full spectrum of backgrounds, social identities, abilities, cultures, perspectives and university roles.

DYNAMIC RESPONSIBLE GROWTH

We value dynamic growth while continuing to be financially responsible, academically sound and environmentally sustainable. We meet the future with energy, enthusiasm and a commitment to retaining a close, interconnected campus community.

INTEGRITY
We value integrity and expect ethical behavior from each member of the campus community in all interactions. We build an environment where we treat each other with respect and appreciate each other's contributions.

To see draft university goals, as well as comments submitted throughout the process, please visit http://www.uccs.edu/chancellor/strategic-planning-2020.html[16]

Wartgow's service as chancellor a chance to 're-engage'[17]

[18]
CU President Bruce Benson asked Jerry Wartgow to take on the job of chancellor for the University of Colorado Denver l Anschutz Medical Campus in 2010. At the time, both knew there was a lot of work ahead.

Wartgow wasn't looking for work at the time.

"But this has been a chance to re-engage, and that's been fun," he said. He admitted he likely "would not have come out of retirement if not for Bruce Benson." Wartgow officially retired March 30.

Stepping into the chancellor role will be Don Elliman[19], who greeted well-wishers last week in the Terrace Room at the Lawrence Street Center.

Colleagues -- including deans, staff, faculty, even representatives from the CU Foundation and the Auraria Campus administration -- gathered to wish Wartgow well as he is set to begin his second retirement.

"We go back about 35 years," Benson said of his friend. Their professional paths have crossed over the years, particularly related to education and the Auraria Campus. Benson even joked, "Jerry, you've been a real failure at reitrement."

In thanking Wartgow for the work and contributions he's made here, Benson also acknowledged the efforts of Provost Rod Nairn in successfully achieving the first accreditation for the consolidated university.

Wartgow gave special 'shout outs' to a number of individuals, including the leadership team and assistant Diana Kelly.

Wartgow also shared that when he's been asked, 'What were you expecting when you took this job?,' his reaction is, "There's a remarkable resiliency the people have here to make this university work. And they did."

"This institution is on a trajectory to the top," Wartgow said. "It's been wonderful working with all of you."

Next steps and stops for Wartgow and his wife, Diane, include travel to Arizona and a roadtrip to Key West, Fla., with a return route through Wisconsin.

Conference explores future of medicine, health[20]

[21]

The future of health and medicine will be explored in the TedMed 2012[22] conference, which will be simulcast at the Anschutz Medical Campus Tuesday through April 13.

TedMed -- standing for Technology, Entertainment and Design, in the context of medicine and health care -- brings together thought leaders[23] to present their most compelling ideas in several sessions over four days. The presentations originate at the Kennedy Center in Washington, D.C., and are being presented via simulcast at medical schools around the country through a sponsorship by the Association of American Medical Colleges[24].

The sessions can be viewed for free in the Education Building 1, Room 1500[25], beginning April 10.

Presentations include "War On Cancer, Year 40: Who's Winning?," "Can the Power of Poetry Save your Soul ... And Your Cells?," "Why is My Joystick Smarter Than Your Stethoscope?" and "Can Medical School be a 'Fantastic Voyage'?"

Each presentation lasts 10 to 15 minutes and each 90-minute session consists of four to six presentations. Viewers at Anschutz Medical Campus will be able to submit questions for discussion.

More schedule details are listed here[26].

Please submit an RSVP[27] to help the organizers track attendance and notify you about future TedMed events on the Anschutz Medical Campus.

Research on path to increase morphine effectiveness, decrease abuse [28]

Yin (Photo by Glenn J. Asakawa/University of Colorado)

A University of Colorado Boulder-led research team has discovered that two protein receptors in the central nervous system team up to respond to morphine and cause unwanted neuroinflammation, a finding with implications for improving the efficacy of the widely used painkiller while decreasing its abuse potential.

Scientists have known that a particular protein receptor known as toll-like receptor 4, or TLR4, helps to activate inflammation-signaling pathways to attack foreign substances like bacteria and viruses, said Hang “Hubert” Yin, CU-Boulder assistant professor of the chemistry and biochemistry department and faculty member of the Biofrontiers Institute. The new study showed opiod analgesics like morphine also trigger such neuroinflammation by first binding to an accessory protein receptor known as a myeloid differentiation protein receptor 2, or MD-2, which then works in concert with TLR4 to respond to morphine in the central nervous system, said Yin, who led the study.

The new findings should help researchers develop new drugs not only to increase the effectiveness of medical opiates like morphine by preventing neuroinflammation that enhances pain by increasing the excitability of neurons in the pain pathway, but also to influence the TLR4/MD-2 protein complex in a way that may help prevent drug abuse. Such pharmaceuticals could be designed to decrease side effects like tolerance, dependence and addiction not only in opiates, but in methamphetamines, cocaine and even alcohol, Yin said.

“While inflammation is part of the body’s natural defense system to protect it after injury or infection, too much inflammation is unhealthy,” said Yin. “We hope our new findings on how this particular protein complex works can help us to understand morphine-induced inflammation and eventually lead to therapeutics to make morphine work more

efficiently with fewer side effects."

A paper on the subject is being published this week in the Proceedings of the National Academy of Sciences. Co-authors include CU-Boulder researchers Xiaohui Wang, Lisa Loram, Khara Ramos, Armando de Jesus, Kui Cheng and Annireddy Reddy and Linda Watkins, as well as Jacob Thomas, Andrew Somogyi and Mark Hutchison of Australia's University of Adelaide. The National Institutes of Health funded the study.

MD-2 is a receptor found on human immune cells in the central nervous system known as glial cells and appears to be left over from millions of years of evolution, said Watkins, a distinguished professor in CU-Boulder's psychology department. When MD-2 bound to morphine in the study, the glial cells -- which normally act as "housekeeper cells" to clean up debris and support proper neuron function -- excited the neurons that transmit pain signals and hindered the ability of morphine to suppress pain.

The heightened excitement of glia cells by opiates and other drugs appears to amplify the rewarding qualities of several commonly abused drugs, according to the research team. Glial cells, which originally were thought by scientists to hold neurons in the brain together somewhat like glue, outnumber neurons by up to 50 to one.

The team members used a multidisciplinary approach that included biochemistry, biophysics and cellular biology to investigate the TLR4/MD-2 protein complex and to pinpoint the relationship between MD-2 and morphine. As part of the study the team used laboratory "knock-out mice" -- genetically engineered mice in which existing genes or proteins are inactivated -- to infer the function of TLR4 and its relationship with morphine-induced analgesia, said Yin.

"The exciting thing about this research is that we have discovered that there is not just one receptor that detects morphine, there is a second one that nobody knew about before, namely MD-2/TLR4," said Watkins. "We have shown this protein complex essentially cuts morphine off at the knees, preventing it from doing its job in controlling pain."

As part of the study, several "small molecule inhibitors" developed and tested by the research team to target and deactivate TLR4/MD-2 demonstrated that the morphine-induced inflammation is exclusively tied to the protein complex, said Yin.

Millions of Americans suffer from chronic, debilitating pain that makes it extremely painful to perform even the simplest activities like showering and dressing, and which differs from pain associated with injuries, which generally heal. Chronic pain sufferers include victims of cancer and AIDS who have nerve damage.

It is estimated that four out of every 10 people in the United States are likely to be in chronic pain, costing the nation as much as $635 billion annually in lost productivity and health care expenses. The United States is one of the world's highest users of morphine, which has been around since the 1850s and which ironically was first marketed as a cure for opium and alcohol addiction.

Yin said the CU-Boulder researchers have been working with the University of Colorado Technology Transfer Office, or TTO, and have filed a group of related patents on potential therapeutics for optimizing current pain management therapies. Several of the small molecule inhibitors used in the study to target and inactivate the TLR4/MD-2 protein complex have been exclusively optioned to BioLineRX, a publicly traded drug development company in Israel, through CU's TTO.

Directed by CU Nobel laureate Tom Cech, the Biofrontiers Institute was created to advance human health and welfare by exploring critical frontiers of unknown biology and translating new knowledge into practical applications. The institute was designed to educate a new generation of interdisciplinary scientists and expand Colorado's leadership in biotechnology.

"Using interdisciplinary approaches to look for unconventional drug targets is a central theme in my work," said Yin. "Even in graduate school, I was attracted to the idea of 'rational design' -- using computer simulation and synthetic chemistry to design something useful like cancer drugs. Working across disciplines is where the future of science lies."

For more information visit Yin's home page at http://www.colorado.edu/chem/yinlab/[30],

Watkins' home page at http://www.colorado.edu/neuroscienceprogram/watkins.html[31], the BioFrontiers Institute home page at http://cimb.colorado.edu/[32] and CU's TTO home page at https://www.cu.edu/techtransfer/[33].

Fulbright for Hastings-Tolsma in College of Nursing[34]

Hastings-Tolsma

Marie Hastings-Tolsma, associate professor at the College of Nursing, has been selected to receive a Fulbright Award for South Africa for 2012-2013 by the J. William Fulbright Foreign Scholarship Board.

Hastings-Tolsma teaches in the nurse midwifery and doctoral nursing programs, as well as practices in the faculty nurse midwifery full-scope practice. Her research examines nurse midwifery outcomes and, in particular, alternative therapies used in cervical ripening. Last year, Hastings-Tolsma was honored as a Faculty Fellow by the American College of Nurse Midwives.

"This is a wonderful accomplishment and recognition for Dr. H-T," said colleague Nancy Lowe, professor and chair, Division of Women, Children and Family Health in the College of Nursing.

The Fulbright Prize honors the largest and most significant educational and cultural exchange program in history, as well as the career and spirit of its creator, the late Senator J. William Fulbright of Arkansas. The prize recognizes and rewards outstanding contributions toward bringing peoples, cultures, or nations to greater understanding of others.

U.S.-Brazil Network announces free Boulder events[36]

The Center for the Study of Conflict, Collaboration and Creative Governance (3CG) at CU-Boulder will host three, free events Wednesday through April 13 as part of the U.S.-Brazil Network initiative. The events focus on environmental governance practices in Brazil.

"U.S.-Brazil Network: Bridging the Humanities and the Sciences" events are:

4 p.m. Wednesday: "Populações Tradicionais no Maranhão e a Expansão do Agronegócio," a presentation in Portuguese Maristela Andrade, sociology professor at the Federal University of Maranhão (UFMA). (Koelbel S 127)

4 p.m. Thursday, April 12: "Environmental Governance Throughout Brazil: Challenges and Opportunities From the Amazon to the Atlantic Forest," a panel presentation by Brazilian scholars from the University of São Paulo (USP), the University of Brasilia (UNB) and the National Institute for Research in the Amazon (INPA). A reception follows. (Guggenheim 205)

4 p.m. Friday, April 13: Meeting of CU's "Brazil Cluster," uniting Brazilians and Brazilianists on Colorado's Front Range with a reading by award-winning Brazilian writer Adriana Lisboa. A reception with music and food to celebrate U.S.-Brazil connections follows. (Koenig Alumni Center)

Attendance is limited at the April 13 event; please contact Kathleen.McCabe@colorado.edu[37] if you plan to attend; for more information about the events, contact her at 303-990-2349.

The events are presented by 3CG in partnership with the Center to Advance Research and Teaching in the Social Sciences (CARTSS), the President's Fund for the Humanities, the Latin American Studies Center (LASC), the

President's Leadership Class, the Institute of Behavioral Science (IBS), the Department of Spanish and Portuguese, the Department of Anthropology, the Department of Political Science and the Geography Department.

CIRES Fellow awarded honorary doctorate[38]

Pielke

Roger A. Pielke Jr., a professor in the environmental studies program at the University of Colorado Boulder and a Fellow of the Cooperative Institute for Research in Environmental Sciences (CIRES), has been awarded an honorary doctorate from Linköping University in Sweden, one of the nation's top educational institutions focused on interdisciplinary research and teaching.

Pielke will receive the award during May graduation ceremonies at the university. In awarding the degree, the university said Pielke "has broken new ground in his research on how society is affected by extreme weather events such as hurricanes and floods" and also is a well-known analyst of how science is used and abused in climate and energy policy making. "His criticism of the UN Climate Panel has attracted much attention and contributed to the revision of the Panel's audit work. Professor Pielke is a fearless debater who has criticized both climate scientists and environmental commentators such as climate skeptics."

Pielke helped establish the Centre for Climate Science and Policy Research at Linköping University 10 years ago, and has been a visiting researcher at the Department of Water and Environmental Studies and currently is collaborating with university philosophy researchers on the topic of the mythology of the Green Revolution and the ole of science in democratic societies.

Sutton presents to White House subcommittee[40]

Sutton

Jeannette Sutton, senior research associate at the University of Colorado Colorado Springs Trauma, Health and Hazards Center, recently travelled to the White House to give a presentation to the Subcommittee on Disaster Reduction.

Sutton was one of three presenters invited to discuss social media's growing role in disaster management. As one of the few social scientists to focus on technology use in disasters, Sutton was invited to address ongoing research in the field. Other speakers included Mark Keim, Center for Disease Control and Prevention, and Lea Shanley, Woodrow Wilson International Center for Scholars, who spoke about the practical use of social media and some of the challenges of the medium.

Sutton said social media is a topic that is receiving a lot of buzz at the federal level. The Subcommittee on Disaster Reduction is part of the National Science and Technology Council and facilitates national strategies for reducing disaster risks and losses that are based on effective use of science and technology. Members include scientists and other representatives from 27 federal agencies including the Department of Homeland Security, the Federal Emergency Management Agency and the Department of Defense-Networks and Information Integration.

Sutton is a disaster sociologist currently conducting academic research related to community resilience, disaster mitigation, preparedness, response, and recovery. Her research primarily focuses on the evolving role of information exchange and communication technology, and more specifically, on the uses of social media in crises and disasters.

The Trauma, Health and Hazards Center is one of four centers that make up the National Institute of Science, Space and Security Centers at UCCS.

Advocates invited to class for Budget 101[42]

[43]

The next CU Advocates educational forum, CU Budget 101, is set for Friday, April 20, at 1800 Grant St.

The free event, presented by the CU Advocates program and the Office of the President, is set for 8 to 9 a.m. on the fifth floor, with registration and continental breakfast beginning at 7:30 a.m.

Geoff Barsch, assistant vice president of budget and finance, will speak at the forum and answer questions, addressing such topics as:
Funding sources for CU's budget Which funds pay for educational and operational expenses How funds are allocated Investment in financial aid How CU spends a state dollar Rising costs of educating a student
Early registration, by April 17, is recommended, as space is limited. Click here to register[44].

Questions: Michele McKinney, 303-860-5622, michele.mckinney@cu.edu[45].

Instructors' resource-conserving neighborhood featured in book[46]

Zero Carbon Homes: A Road Map

David Kahn, a senior instructor in landscape architecture studies, and **Michael Tavel**, senior instructor in architectural studies, at CU Denver's College of Architecture and Planning have had their Geos Net-Zero Energy Neighborhood featured in detail in a new book titled "Zero Carbon Homes: A Road Map." The book, published by Routledge and available on Amazon, provides a thorough analysis and comparison of five resource-conserving neighborhood design: Geos in Arvada, BedZED in London, Vauban Sonnenschiff in Freiburg,B001 in Malmo, and Hammarby Sjostad in Stockholm, Sweden. The author, Jo Williams, is director of the Sustainable Urbanism Masters Programme at University College London.

Tavel also has created and run an after-school program in environmental literacy that is featured in this month's Architect Colorado magazine, "Turning the Classroom Inside-Out." In its second year, the "Green Neighborhood Class" is taught by parents who are architects, donating their time in order to provide a diversity of environmental experiences to public elementary school students at Academia Ana Marie Sandoval in Denver. Other architect parents who have helped Michael teach this course include University of Colorado Denver CAP graduates Kevin Anderson, Greg Sader, and Scott Sturgis.

Krizek named senior transportation fellow[48]

Krizek

Kevin J. Krizek, professor of planning and design, co-director of the Active Communities / Transportation (ACT) Research Group and director of the doctorate Program in Design and Planning has been named University of Colorado Boulder's Senior Transportation Fellow. The new position in the Environmental Center was created to help provide the campus and the community with a vision and plan toward an advanced sustainable transportation system. The role includes interacting with campus and community transportation planning to assist with and synergize local and regional transportation issues, working with the CU Environmental Center's sustainable transportation program, mentoring CU-Boulder students, and assisting faculty and staff in developing expertise and innovation related to transportation demand management.

In addition, Krizek recently published with Eric W. Stonebraker, a Ph.D. student in design and planning, the article "Assessing Options to Enhance Bicycle and Transit Integration" in Transportation Research Record: Journal of the Transportation Research Board, No. 2217, pp. 162–167.

System Staff Council elects members[50]

System Staff Council recently conducted elections with the following employees elected, or re-elected, as members:

Judy Anderson, University Counsel (re-elected); **Lisa Carr**, University Information Systems; **Darren Chavez**, Institutional Research; **Jim Dages**, Payroll & Benefit Services; **David Pierce**, Office of the University Controller (re-elected); **Nora Sandoval**, Budget and Finance; **Rana Silver**, University Information Systems; and **Lisa Vallad**, Office of the University. These members will join the continuing council members to advocate for System Administration staff. Continuing council members are: **Leo Balaban**, University Information Systems; **Buffy Garrier**, Procurement Service Center; **Lexie Kelly**, Office of Treasurer; **Debbie Martin**, Internal Audit; **Tracy Miles**, University Information Systems; **David Poticha**, Technology Transfer; and **Tricia Strating**, Human Resources. To become involved in System Staff Council initiatives, visit https://www.cu.edu/staff/ssc[51] for the mission statement, meeting schedule, and more information.

Dropping names …[52]

Alcott

Linda Alcott, assistant professor of French, Department of Modern Languages, College of Liberal Arts and Sciences at the University of Colorado Denver, presented a paper recently at the Sixth International Women in French Conference held at Arizona State University. The conference program focused on "Crossing Boundaries: French and Francophone women in Literature and Science, Culture and the Arts." Alcott's paper is titled "From Self-Sacrifice to Androgyny: How Mme de Graffigny's Lesser Known Heroines Imagine the Autonomous Ideal." … Neurology Resident **Mario Cerdan-Trevino**, M.D., has won a "New England Journal of Medicine (NEJM) Scholar Award" for a 500-word essay he submitted for a competition among college, medical and post-graduate students, residents and fellows. It was part of NEJM's 200th anniversary. Applicants were asked to write (and illustrate) how to harness new technology to improve health. Neurology professors **John Corboy**, M.D., and **Richard Hughes**, M.D., and fellow resident **Wes Reynolds**, M.D., contributed suggestions to Cerdan-Trevino for the article.

Links

[1] https://connections.cu.edu/stories/securing-mobile-devices-must[2] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/dyk-f.png[3] https://www.cu.edu/content/oismonthlycybersecuritynewsletter[4] https://www.cu.edu/content/policies-and-procedures[5] https://connections.cu.edu/stories/both-sides-come-together-conference-world-affairs[6] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/cwa.png[7] http://www.colorado.edu/cwa[8] https://connections.cu.edu/stories/five-questions-revi-sterling[9] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/5q_revi-top.png[10] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/5q_revi-1.png[11] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/5q_revi-2.png[12] https://connections.cu.edu/people/obituary-ed-kelbel[13] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/kelbel.png[14] http://www.legacy.com/obituaries/gazette/obituary.aspx?n=edward-paul-kelbel&pid=156800266&fhid=6111[15] https://connections.cu.edu/stories/strategic-plan-headed-board-regents[16] http://www.uccs.edu/chancellor/strategic-planning-2020.html[17] https://connections.cu.edu/stories/wartgow%E2%80%99s-service-chancellor-chance-%E2%80%98re-engage%E2%80%99[18] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/ucd.png[19] http://www.ucdenver.edu/about/newsroom/newsreleases/Pages/Elliman-named-new-chancellor.aspx[20] https://connections.cu.edu/stories/conference-explores-future-medicine-health[21] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/anschutz_tedmed_p.png[22] http://www.tedmed.com/home[23] http://www.tedmed.com/2012speakers[24] https://www.aamc.org/initiatives/tedmed[25] http://www.ucdenver.edu/about/WhoWeAre/Chancellor/VP-HealthAffairs_EVC-AMC/TedMed2012/PublishingImages/TedMedMap.jpg[26] http://www.tedmed.com/conference/schedule[27] http://www.ucdenver.edu/about/WhoWeAre/Chancellor/VP-HealthAffairs_EVC-AMC/TedMed2012/RSVP/Pages/form.aspx[28] https://connections.cu.edu/stories/research-path-increase-morphine-effectiveness-decrease-abuse[29] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/ucb.png[30] http://www.colorado.edu/chem/yinlab/[31] http://www.colorado.edu/neuroscienceprogram/watkins.html[32] http://cimb.colorado.edu/[33] https://www.cu.edu/techtransfer/[34] https://connections.cu.edu/people/fulbright-hastings-tolsma-college-nursing[35] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/p_hastings-tolsma.png[36] https://connections.cu.edu/stories/us-brazil-network-announces-free-boulder-events[37] mailto:Kathleen.McCabe@colorado.edu[38] https://connections.cu.edu/people/cires-fellow-awarded-honorary-doctorate[39] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/p_pielke.png[40] https://connections.cu.edu/people/sutton-presents-white-house-subcommittee[41] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/p_sutton.png[42] https://connections.cu.edu/stories/advocates-invited-class-budget-101[43] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/cu-adv_edu-p.png[44] https://www.cusys.edu/cuadvocates/edu-forum.html[45] mailto:michele.mckinney@cu.edu[46] https://connections.cu.edu/people/instructors%E2%80%99-resource-conserving-neighborhood-featured-book[47] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/p_zero-carbon-homes.png[48] https://connections.cu.edu/people/krizek-named-senior-transportation-fellow[49] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/p_krizek.png[50] https://connections.cu.edu/people/system-staff-council-elects-members[51] https://www.cu.edu/staff/ssc[52] https://connections.cu.edu/people/dropping-names-133[53] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/04/p_Alcott.png