STEM educator's far-reaching impact recognized with Chase Faculty Community Service Award[1]
[2]

Timberley Roane, Ph.D., is the recipient of the 2020 Chase Faculty Community Service award, recognition that honors her unrelenting support of the Native American/American Indian community in the education of science, technology, engineering and mathematics (STEM).

An associate professor, Roane[3] has been a faculty member in the Department of Integrative Biology at CU Denver's College of Liberal Arts and Sciences for 20 years.

The Chase Faculty Community Service Award[4] is presented annually to a full-time CU faculty member who, in addition to his or her university responsibilities, has, pro bono, provided exceptional educational, humanitarian, civic or other service in the community. An advisory council submits a recommendation to CU President Mark Kennedy, who bestows the honor, which includes a $10,000 grant sponsored by an endowment from JPMorgan Chase through the CU Foundation.

Roane was formally recognized during a reception held virtually on Sept. 25.

Roane's contributions and passion are far-reaching. She is a mentor for the American Indian Science and Engineering Society (AISES) and has served as an event coordinator and recruiter at local and national centers and conferences, including AISES, as well as the Eastern Shoshone Tribe College and Career Fair and the Denver Indian Center. As a mentor for AISES, Roane volunteers her time to multiple students by providing constructive feedback, giving fair and unbiased evaluations, and supporting her students so they can navigate the demanding rigors of discipline-focused conferences for the advancement of their careers in STEM.

Roane also is dedicated to Denver's STEM community as a regular presenter at Denver Cafe Scientific, where she provides expertise in scientific topics to the public. In contributing to Denver youth, Roane is a regular judge for middle school and high school science fairs, sponsors high school students who perform research in her laboratory for one semester, and also participates in K-12 Native student recruitment events.

Roane also applies her biological knowledge to the field of museum preservation. Because many objects in museums were treated with pesticides containing mercury and arsenic, Roane is investigating whether bacteria can be used to remove these harmful chemicals. Such remediation is particularly important for items such as Native American artifacts that are being returned to the tribes – the rightful owners who may wish to use the artifacts in rituals.

To support Native American/American Indian college students, Roane developed the Environmental Stewardship of Indigenous Lands (ESIL) certificate. ESIL provides culturally relevant training in topics such as tribal sovereignty, environmental law, transcultural competency and traditional ecological knowledge. Graduates from the ESIL program bring an expertise to their communities to better partner with corporations and seek mutually beneficial relationships.

Roane not only focuses on providing students a chance to work with indigenous lands and communication, she also creates a sense of community. Roane's involvement doesn't end at recruitment: She guides students through every step of the process, from applying to the University of Colorado Denver, to providing logistical advice on moving to Denver, then major advising, internships, and finally landing their first professional engagement after leaving CU Denver.

"In receiving this award, I'd like to thank all who've shared their voices and all who have supported me in finding opportunity for voices to be heard," Roane said. "It is important for me being in academia and in STEM to provide opportunities for others to engage in science within the context of their own identities. Science is not, or should not, be about one school of thought or one singular approach, noting that knowledge is the culmination of many experiences. In my role as a faculty member and in my personal community endeavors, it is about engaging with people to hear what they have to say and to invite their participation in increasing our understanding of our sense of place within the context of STEM."

The Chase Faculty Community Service Award – established in 1991 with a $100,000 donation – is funded annually by

an endowment from the JPMorgan Chase Foundation through the CU Foundation. The endowment provides an annual award of $10,000 to a full-time faculty member at the University of Colorado who has rendered exceptional service in his or her community.

“Dr. Roane is an excellent and most deserving choice for the award and JPMorgan Chase is pleased to honor her,” said Joe Coleman, Business Banking Market Manager for Chase in Colorado. “I was just in awe of her background, work and contributions, especially in support of the Native American/American Indian Community; in her role as a STEM Educator; and her work with the American Indian Science and Engineering Society. It was most impressive to read about the Environmental Stewardship of Indigenous Lands certificate program. Her work is genuinely impactful and creating a legacy among all the students, programs and communities she has touched.”

Nominations[5] are being accepted for next year’s Chase Award. Deadline for submissions is Nov. 2.

University of Colorado tops $1 billion in sponsored research funding for fourth consecutive year[6] [7]

For the fourth consecutive year, faculty at the University of Colorado attracted over $1 billion in annual sponsored research funding and gifts.

The 2019-20 fiscal year’s $1.41 billion total in annual sponsored research funding and gifts across the four-campus university system is on par with the previous year’s $1.47 billion total, which remains a record for CU.

Most sponsored research funding is awarded by federal agencies. In 2019-20, CU received $829.7 million in federal awards and $398.9 million in non-federal awards. Gifts toward research via the CU Foundation account for the remainder.

“The research funding our prolific faculty bring in has a tremendous economic ripple effect on our state, but more important, it allows them to continue their excellent work addressing some of society’s most pressing issues in energy, health care, climate change, space, cybersecurity and more,” said CU President Mark Kennedy.

Following are the year’s totals in sponsored research funding and gifts at CU campuses, along with highlights of the endeavors that are leading innovation at CU and leaning into the future across Colorado and beyond:
University of Colorado Anschutz Medical Campus: $762.2 million. The CU School of Medicine won a five-year, $6.7 million grant to establish a unified Type 1 and Type 2 diabetes research community at the CU Anschutz Medical Campus. The grant from the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) and the designation as a Diabetes Research Center will strengthen CU Anschutz’s research across the campus, CU system and state. While already a recognized diabetes research hub, the designation opens the door even wider to the most advanced diabetes technologies and resources in the Rocky Mountain region. The Diabetes Research Center will be co-directed by Lori Sussel, Ph.D., of the Barbara Davis Center for Diabetes, and Jane Reusch, M.D., professor of endocrinology in the School of Medicine. **University of Colorado Boulder: $613.9 million.** How do screen time, drug use, exposure to environmental toxins or concussions affect the development of an adolescent’s brain? What role do genes play in influencing its size, structure and function? Why, neurologically speaking, do teenagers do the crazy things they do? These are among the previously unanswerable questions CU Boulder researchers hope to help unravel with a new seven-year, $11 million grant renewal from the National Institutes of Health. The funding supports the continuation of the landmark Adolescent Brain Cognitive Development (ABCD) study, launched in 2015 as the largest long-term study of brain development and child health ever conducted in the United States. **University of Colorado Colorado Springs: $18.3 million.** A $983,137 grant from the Colorado Springs Health Foundation is supporting the development and implementation of trauma-informed behavioral health care sciences in hospital emergency departments. Led by principal investigator Kristin Samuelson, associate professor of psychology, in conjunction with the National Institute of Human Resilience, the purpose of the grant is to develop and deliver resilience-focused behavioral health assessment and treatment to trauma survivors at three major Colorado Springs hospitals: Children’s Hospital Colorado, UCHealth and Centura Health. The team also will evaluate the effectiveness

of its stepped model of care that attends to the psychological needs of physical trauma patients with the goal of preventing the development of longer-term mental health problems. **University of Colorado Denver: $18 million.** The Administration for Community Living/DHHS awarded researchers a $976,000 State Grant for Assistive Technology to Cathy Bodine and her staff at the Center for Inclusive Design and Engineering (CIDE) to support state efforts to improve the provision of assistive technology to individuals with disabilities through comprehensive, statewide programs. CIDE uses innovative technology and engineering to help those living with disabilities – including sensory, cognitive, mobility and communication needs – to access the world around them. The center has grown from a single project in 1989 to providing assistive technology information and services to more than 3 million people around the world.
Sponsored research funding from federal, state, international and foundation entities targets specific projects to advance research in laboratories and in the field. Research funding also helps pay for research-related capital improvements, scientific equipment, travel and salaries for research and support staff and student assistantships. CU cannot divert this funding to non-research-related expenses.

A significant amount of sponsored research funding is directed to departments and researchers with unique expertise, such as biotechnology and aerospace, which stimulates industry.

Campuses to lead CU Online partnerships with the Office of Digital Education[8]
[9]

The focus of the systemwide CU Online program is shifting to the campuses after an assessment of the work to date reiterated what the CU team working on the initiative found – that campuses and programs need to maintain control over essential academic functions, including instruction, course design and content, program design, admission and graduation requirements and financial aid.

The move comes after the project was paused in mid-August because the finance team working on the proposed financial model found it was not viable. Alpha Education, specialists in online education, assessed the work to date. It recently shared findings and recommendations with the president, chancellors and Faculty Council.

“We have tremendous and talented faculty working on online programs across CU, so it makes a lot of sense to continue to tap into their expertise by making the campuses the focus of the broad CU Online effort,” said CU Denver Chancellor Michelle Marks.

Efforts going forward will have two streams of work: one will continue the evolution of the systemwide Office of Digital Education (ODE) and the second will focus on academic program efforts on campuses. Programs and ODE – which provides online support services such as recruiting, marketing, instructional design and student success – will mutually agree on when to partner.

Alpha Education found that the finances can be modified to work for the campuses and for ODE. The operation will continue to be a systemwide resource offering services to the four campuses, which will develop master services agreements that detail what academic programs will do and what ODE will do in terms of funding and responsibilities. Programs to be promoted as part of the broader CU Online initiative will be determined by mutual agreement between campuses and ODE.

Alpha Education also found that pooling resources (such as the services ODE provides) to gain competitive online competencies represents the best win-win scenario for campuses and CU. They noted that ODE has a solid base of online education experience to build upon, yet there is still work to be done in selected areas of the operation to elevate its competitive competencies. That work is already underway, said Scot Chadwick, interim associate vice president of online learning.

One result of the change is that the systemwide Online Accelerator Committee (OAC) and its working groups, which have been shepherding the initiative since the summer, will disband. Campuses are developing their own processes for

accelerating online offerings and will designate a primary online liaison to work with ODE. The OAC's financial and marketing/communications working groups will continue to collaborate on shared online topics or projects as the need arises.

"As we continue our transition to serving all the campuses, we're confident ODE will become a trusted partner that provides high-value services that help the campuses grow their online presence and reach," Chadwick said.

Since summer, ODE has been making the transition from serving only the Denver and Anschutz campuses to serving all the campuses. It has been supporting, including marketing, a dozen programs from across the system this fall as part of the CU Online initiative, with additional programs scheduled to launch in spring semester. CU Online is aiming for a significant promotional launch in fall 2021.

ODE and the campuses will continue to leverage Alpha Education as a resource through the next phase, said CU President Mark Kennedy. EY Parthenon, which began consulting on the initiative last fall, has completed its portion of the effort.

"This initiative has always been an iterative process. We built on the work EY Parthenon did last fall and spring, which led to the Online Accelerator Committee advancing the effort through the summer and early fall," said CU President Mark Kennedy. "It's appropriate that the campuses individually engage with ODE from here and move us toward growth in CU's online presence and capabilities."

Kennedy said that although the campuses will take a greater hand in the initiative, it will still be a collaborative effort among campuses, ODE, chancellors and shared governance groups. Efforts will include an inventorying and mapping a timeline for addressing known systemwide issues, including determining system investment levels, program enrollment targets and addressing program duplication. Campus leadership will also identify and address future systemwide issues as they arise.

President to direct CU Foundation funds to augment mental health services on campuses[10]
[11]

CU President Mark Kennedy and the CU Foundation Board of Directors are stepping up to provide more funding for mental health services on the four campuses, a need driven in large measure by the pandemic.

The CU Foundation is providing $2 million, which Kennedy will direct evenly to the four campuses. The board's finance committee approved the move on Tuesday, and final approval is expected from the full CU Foundation board soon.

"The chancellors let me know that mental health services for students, faculty and staff are in high demand as a result of the multiple challenges COVID-19 has brought about and it's important that we expand our capacity to help meet that demand," Kennedy said. "I appreciate our partnership with the CU Foundation, which allows us to address some of the urgent needs across CU."

Early in the semester, the CU Foundation also provided $5 million in emergency assistance for tuition and other educational services for students negatively impacted by the pandemic. The campuses distributed the bulk of the funding as fall semester started.

Kennedy said the recent round of funding will likely be used to hire additional counselors, but the campuses will have latitude to address areas of highest need.

"We have some great professionals working in this critical area, so we are pleased we will be able to lighten their load a bit," he said.

[CU's All Four:One marketing campaign takes home national awards][12]
[13]

The University of Colorado system's All Four:One marketing campaign recently earned major marketing and advertising industry honors.

In the Communicator Awards, the largest and most competitive awards program honoring creative excellence for communications professionals, CU received the competition's highest honor: the Award of Excellence for Integrated Marketing Campaign, alongside such notable brands as Amazon, ESPN Films, Publicis Sapient, Macy's, PepsiCo Design & Innovation, Forbes Media, and Savvy.

The Communicator Awards attracted over 6,000 entries from across the U.S. and around the world. It is the leading international creative awards program honoring creative excellence for communication professionals. Founded almost three decades ago, the annual competition honors the best in advertising, corporate communications, public relations and identity work for print, video, interactive and audio.

"These awards are testament not only to the tremendous asset CU's four campuses are to the state and beyond, but also to collaboration among communicators from across the system to tell that story," said Vice President for Communication Ken McConnellogue. "We have a great university and it's important that we share that every chance we get."

CU's All Four:One campaign, which started more than four years ago, raises awareness of the four distinct CU campuses, as well as the collective power of the university system, and their tremendous influence and impact on the state of Colorado. Its multimedia approach reaches markets around the state and beyond. A team from each campus worked with Greenhouse Partners, a Boulder-based branding and marketing firm, on the project.

CU also was a standout at the Collegiate Advertising Awards (CAA), an elite, national program recognizing higher education organizations for excellence in communications, marketing, advertising and promotions of their schools. CU won Gold for Total Advertising Campaign, making it among the top 5% of entrants in North America.

The 2019 CAA program received entries from the United States and Canada representing small community colleges to very large schools and universities. Awards were issued for entries that received top marks from judges placing them in the top 16% of the nation for advertising excellence. Judging criteria included creativity, layout and design, functionality, message effectiveness, production quality and overall appeal.

[Better sleep can improve mental wellness][14]
[15]

Mental health is one of the most overlooked global issues we face today. Nearly 1 billion people have been diagnosed with a mental disorder, and the COVID-19 pandemic is affecting the mental health of many more people worldwide: from anxiety about the economy, job loss, and contagion, to social isolation and the grief of losing loved ones.

While mental illness, anxiety and depression are universally experienced, a significant gap exists for many between the need for mental health services and its availability. More than 75% of people in low- and middle-income countries don't receive treatment for their mental, neurological, and substance use disorders, [according to the World Health Organization][16].

Oct. 10 is [World Mental Health Day][17], an international day for global mental health education, awareness and advocacy against social stigma. In honor of World Mental Health Day, the CU Health Plan invites eligible employees to

consider our new employee wellness program, Sleepio[18]. The online, science-backed, sleep improvement program can help you get to the root of stubborn sleep issues and nurture mental wellness through lasting, more restful sleep.

If you are struggling with your mental health, it's important to know that you're not alone, and there are resources available to you for support. The Real Help Hotline is a free mental-wellness resource available to all CU and CU Med employees and their families. Visit BeColorado.org[19] for more information on the Real Help Hotline.

In addition to utilizing support resources, improving your sleep is another great first step toward improving your mental health. Poor sleep can result in an increased risk of depression and anxiety, and puts us at greater risk of conditions like obesity and diabetes.

Sleepio's online program provides easy-access tools, including easy-to-learn cognitive and behavioral techniques, designed to help you build healthier sleep habits that can strengthen your mental wellness. These techniques help you establish a healthy sleep pattern, addressing the mental factors associated with sleep problems such as the "racing mind," so you can overcome the worry and other negative emotions that come with being unable to sleep. By developing a "pro-sleep" routine to achieve a strong connection between bed and sleep, falling asleep – and staying asleep – becomes more automatic and natural.

To get started with Sleepio, you'll first take a brief, 2-minute sleep test at www.sleepio.com/cuhealthplan[18], which will provide you with your Sleep Score and a personalized tip you can try out as soon as tonight. After taking the initial sleep test, continue progressing through Sleepio's 20-minute online program sessions to better understand the relationship between healthy, restful sleep habits and improved mental wellness. Finally say goodbye to restless nights, groggy mornings, and rest easy knowing you're on your way to lasting better sleep patterns.

President's Employee of the Year Award to be presented next month[20]

System Staff Council has announced the President's Employee of the Year Awards ceremony will be held virtually on Nov. 4. This year's President's Employee of the Year Award Winner and nominees will be honored.

Click here to register[21] for the event, set for 3-4:30 p.m.

The President's Employee of the Year Award is presented to one staff member from system administration in recognition and appreciation of exceptional job performance. It includes a $1,000 cash award (pre-tax).

Nominations are accepted from fellow staff, faculty or students who have first-hand knowledge of the nominee's performance. Considerations for nomination should include information on the employee's job performance, specifically as it relates to customer service, teamwork, leadership and excellence.

Nominations[22] must be submitted by 11:59 p.m. Oct. 16. To view the nomination criteria and procedures, please visit System Staff Council's President's Employee of the Year Award[23].

The award recipient will be announced the last week of October.

Colorado business sentiment negative but improving[24]

School of Public Affairs launches series on public life after COVID-19[25]

Whose Black Lives Matter? The Political Influence of Racial Appeals on Instagram[26]

CU Anschutz announces unique technology to rapidly screen new drugs, therapies[27]

Patients with a rare form of epilepsy now have a new treatment option [28]

Chief information officer Levine to retire; search for successor to begin [29]

West to join Scholes, Spaulding for conversation on race, religion, politics[30]

Hip-hop dance maestro Harris wins major award[31]

Links
[1] https://connections.cu.edu/spotlights/stem-educator-s-far-reaching-impact-recognized-chase-faculty-community-service-award[2] https://connections.cu.edu/sites/default/files/chase_01_0.jpg[3] https://clas.ucdenver.edu/integrative-biology/timberley-roane[4] https://www.cu.edu/oaa/recognitions/chase-faculty-community-service-award[5] https://www.cu.edu/oaa/forms/chase-nomination[6] https://connections.cu.edu/stories/university-colorado-tops-1-billion-sponsored-research-funding-fourth-consecutive-year[7] https://connections.cu.edu/sites/default/files/spons-res_top.jpg [8] https://connections.cu.edu/stories/campuses-lead-cu-online-partnerships-office-digital-education[9] https://connections.cu.edu/sites/default/files/online_campus-driven_top.jpg[10] https://connections.cu.edu/stories/president-direct-cu-foundation-funds-augment-mental-health-services-campuses[11] https://connections.cu.edu/sites/default/files/fac_cncl_kennedy.jpg[12] https://connections.cu.edu/stories/cu-s-all-fourone-marketing-campaign-takes-home-national-awards[13] https://connections.cu.edu/sites/default/files/afo_award_feat_0.jpg[14] https://connections.cu.edu/stories/better-sleep-can-improve-mental-wellness[15] https://connections.cu.edu/sites/default/files/sleepio_01.jpg[16] https://www.who.int/news-room/detail/27-08-2020-world-mental-health-day-an-opportunity-to-kick-start-a-massive-scale-up-in-investment-in-mental-health[17] https://www.who.int/news-room/events/detail/2020/10/10/default-calendar/the-big-event-for-mental-health[18] http://www.sleepio.com/cuhealthplan[19] https://www.becolorado.org/program/the-real-help-hotline/[20] https://connections.cu.edu/stories/president-s-employee-year-award-be-presented-next-month[21] https://www.cvent.com/c/express/c407ebbd-caf1-4254-ab1b-86e1b3f0ef95[22] https://www.cu.edu/ssc/forms/presidents-employee-year-award-nomination-form[23] http://click.communications.cu.edu

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https://connections.cu.edu/stories/school-public-affairs-launches-series-public-life-after-covid-19[26]
https://connections.cu.edu/stories/whose-black-lives-matter-political-influence-racial-appeals-instagram[27]
https://connections.cu.edu/stories/cu-anschutz-announces-unique-technology-rapidly-screen-new-drugs-therapies[28]
https://connections.cu.edu/stories/patients-rare-form-epilepsy-now-have-new-treatment-option[29]
https://connections.cu.edu/people/chief-information-officer-levine-retire-search-successor-begin[30]
https://connections.cu.edu/people/west-join-scholes-spaulding-conversation-race-religion-politics[31]
https://connections.cu.edu/people/hip-hop-dance-maestro-harris-wins-major-award