



CU BOULDER OUTREACH AWARDS

2016–17



Office for Outreach and Engagement
UNIVERSITY OF COLORADO **BOULDER**



A MESSAGE FROM THE COMMITTEE CHAIR

If anyone doubts the value of work being done at the university to address the needs of Colorado's diverse communities, they need look no further than the annual CU Boulder Outreach Awards.

Recipients of these grants exemplify the scholarly rigor, entrepreneurial spirit and public commitment that distinguish the research, teaching and creative work of our world-class faculty. Their engaged scholarship helps to address the diverse needs of communities throughout Colorado.

As chair of the Outreach Committee since 2012, it has been a great pleasure to participate in reviewing and selecting outstanding proposals from across all the university's divisions. In recent years, the committee has seen a marked increase in the number of submissions, as well as in their overall quality.

I am happy to report that this year the Office of the Chancellor, Office of the Provost and Division of Continuing Education have increased the total amount of funds available, from \$360,000 to \$560,000 annually. As a result, we were able to select 42 outstanding projects for awards in 2016-17.

I invite you to read about the projects in this booklet and join us in celebrating the awardees, and the culture of scholarly public service and community engagement they embody.

Sincerely,

Bud Coleman

Roe Green Professor of Theatre

Chair, Department of Theatre & Dance

2016–17 OUTREACH AWARDS

The CU Boulder Outreach Awards fund faculty-led outreach and engagement projects that connect faculty research, teaching and creative work with public needs. Staff as well as undergraduate and graduate students play a crucial role in advancing these projects. The Office of the Chancellor, Office of the Provost and the Division of Continuing Education fund the awards, which are administered by the Office for Outreach and Engagement. Award support has been used to leverage additional funding from other sources.

Since 1999, the CU Boulder Outreach Committee has selected nearly 700 projects and awarded more than \$4.5 million. Thanks to the high quality of this year’s proposals, 42 projects received \$560,000 in funding, which is \$200,000 more than in the past.

The CU Boulder Outreach Committee funds projects that meet at least one of the following criteria:

- Respond to a direct request made by a school or community group
- Establish a long-term relationship with a group or community
- Serve a community with limited access to CU Boulder programs
- Make the work of CU Boulder’s faculty accessible to the public
- Involve CU Boulder undergraduate and graduate students in project development, implementation and/or evaluation

CU BOULDER OUTREACH COMMITTEE

Professor Bud Coleman

*Committee Chair
Chair, Department of Theatre & Dance*

David Meens

*Director, Office for Outreach
and Engagement*

Associate Professor Jaelyn Eberle

*Department of Geological Sciences
Curator, University of Colorado Museum of
Natural History*

Dorothy Rupert

*Former Colorado State Legislator and
Community Representative*

Associate Professor Jennifer Hayghe

College of Music

Professor Joe Ryan

*Department of Civil, Environmental
and Architectural Engineering
College of Engineering and Applied Science*

Senior Instructor Veronica House

*Associate Director, Program for Writing
and Rhetoric*

Professor James White

*Director, Institute of Arctic and Alpine
Research (INSTAAR)
Department of Geological Sciences
Environmental Studies Program*

Associate Professor A. Susan Jurow

School of Education

Professor Dayna Matthew

School of Law

COLLEGE OF ARTS AND SCIENCES

Attention, Behavior, and Learning Clinic

Associate Professor Erik Willcutt and Research Assistant Nomita Chhabildas
Department of Psychology and Neuroscience

The clinic provides comprehensive evaluations for children who are experiencing academic, behavioral and/or emotional difficulties while offering participating graduate students valuable educational experience. The clinic operates on a sliding scale that allows many low-income families to access these services at low to no cost.

Brain and Behavior Clinic and Boulder County Ten Year Plan to Address Homelessness

Assistant Professor Emily Richardson
Department of Psychology and Neuroscience

The Brain Behavior Clinic in the Department of Psychology and Neuroscience is partnering with the Boulder County Shelter for the Homeless to identify and document cognitively disabled persons as part of Boulder County's 10-Year Plan to Address Homelessness. Richardson and her students provide free neuropsychological evaluations of homeless shelter clients who are suspected of having developmentally based cognitive deficits.

CU Contemporary Dance Works Residency Tour

Professor Nada Diachenko
Department of Theatre & Dance

CU Contemporary Dance Works is a graduate student touring company that brings dance to communities across the state that are underserved in the arts. The company works with K-12 students to integrate dance with existing core curriculum and engages entire communities by offering performances and workshops during a weeklong residency. During the spring tour, the company will return to Delta County on the Western Slope.



CU Contemporary Dance Works Residency Tour

The CU/Pojoaque Youth Culture Camp

Assistant Professor Scott G. Ortman

Department of Anthropology

This project is part of a collaboration between the Department of Anthropology and the Pueblo of Pojoaque, a native tribe. Held during the department's summer archaeological field school, the camp aims to increase awareness of ancestral sites among pueblo youth, increase historical consciousness, and tell the Tewa people's story using archaeological, historical and traditional knowledge. In addition, the project encourages pueblo youth to pursue STEM careers, exposes participants to contemporary archaeological methods, and promotes a collaborative approach to archaeological research.



CU/Pojoaque Youth Culture Camp

CU-STARs: CU Science, Technology and Astronomy Recruits

Associate Professor Erica Ellingson

Department of Astrophysical & Planetary Sciences

This program builds a community of undergraduate science majors from diverse backgrounds. During the academic year, the students in CU-STARs visit several middle and high schools in urban and rural areas throughout Colorado to lead hands-on science classes, informal demonstrations and evening “star parties” for the whole community.



CU-STARs: CU Science, Technology and Astronomy Recruits

CU Theatre Tour: The Odyssey Remixed

Associate Professor Markas Henry
Department of Theatre & Dance

The Department of Theatre & Dance continues its tradition of taking the magic of live theatre to Front Range K–12 schools, community centers and retirement communities. This project adapts literary or dramatic works for groups that are either new to or have limited access to theatre. In the 2016 theatre tour, a faculty-organized, student-led team will present *The Odyssey Remixed*. The modern adaptation will focus on communication in romantic, friend and family relationships and make a classic piece of literature accessible to audiences today.

Dance Outreach

Senior Instructor Nii Armah Sowah
Department of Theatre & Dance

This project brings the work of the dance faculty and students directly to diverse communities and K–12 students across Colorado through a variety of interactive programs. These programs include performances, lectures/demonstrations and classes that encourage people of all ages and backgrounds to express creativity through dance and introduce them to a variety of approaches to dance.

Empowering Families through Museum Exhibits on Child Development

Professor Yuko Munakata
Department of Psychology and Neuroscience

This partnership with the Children's Museum of Denver at Marsico Campus is based on the National Living Laboratory model, developed at the Museum of Science in Boston to educate the public about child development through interactive science activities and break down boundaries between scientists and the public. Undergraduate and graduate students develop hands-on activities, create research handouts for museum visitors, and determine how to assess the exhibit's impact on families.



Empowering Families through Museum Exhibits on Child Development

Everyday Colorado: Generating Local Knowledge about Health & Environment

Associate Professor Jill Litt
Environmental Studies

Colorado is facing dramatic changes in industrial activities, environmental conditions and land-use development patterns. This project will profile contemporary concerns from Colorado residents, share results to shape environmental decision-making at state and local levels, and develop a National Institute for Health Research to Action proposal to translate findings into statewide action.

Kids Code: Expanding Tech Opportunities for Underrepresented Students

Associate Professor Eliana Colunga
Department of Psychology and Neuroscience

CU Boulder computer science faculty and students, and CU Science Discovery outreach specialists, work with public schools and libraries in Lafayette to offer technology-focused classes to K-8 students and training for teachers. Classes target girls, students of color and other underrepresented students to increase interest and confidence in computer science.



Kids Code: Expanding Tech Opportunities for Underrepresented Students

Literacy Practicum

Associate Professor Kira Hall
Department of Linguistics

The Department of Linguistics partners with Boulder community literacy programs to provide a service-learning component for an undergraduate course. CU Boulder students work with at-risk children and adults to improve reading and writing skills by applying targeted teaching strategies and information taught during the campus course.

RDS Center: Reaching Out to People with Bipolar

Research Associate Alisha Brosse and Adjunct Professor David Miklowitz
Department of Psychology and Neuroscience

The Robert D. Sutherland (RDS) Center for the Evaluation and Treatment of Bipolar Disorder provides comprehensive treatment to people with bipolar disorder. This community-based clinic also trains graduate students in clinical psychology and offers public seminars, talks and workshops. Student therapists are taught current, evidence-based intervention strategies and provide more than 500 hours of clinical care each year to patients who can not afford treatment.

SCHOOL OF EDUCATION

College Readiness: Supporting Diverse High School Students in Boulder

Assistant Professor Terrenda White

CU Boulder's School of Education is collaborating with Pathways 2 Teaching (P2T), an innovative college readiness program that encourages 11th- and 12th-grade students to explore teaching as a career while also examining educational justice issues. P2T serves hundreds of low-income and first-generation students in Denver, and is expanding to Centaurus and Boulder high schools this fall. The program increases college access and opportunity by strengthening relationships between the School of Education faculty and high school students in Boulder.

Families and Educators Together: A Partnership with Boulder Valley School District

Research Associate Kristen Davidson

As part of this project, school leaders, a community liaison, teachers and parents will identify one literacy-related goal, an additional academic goal and one nonacademic goal and develop strategies to advance these goals through family engagement. These types of research-practice partnerships provide a promising approach that allows researchers and practitioners to learn from each other and jointly advance mutual goals of improving student learning and advancing equity.

Starting a Worker-Owned Cooperative on Black Mesa

Associate Professor Ben Kirshner

The INVST Community Studies program is working with the Black Mesa Water Coalition based in Piñon, Arizona (part of the Navajo Nation), to help the community start worker-owned co-ops, to develop training materials, and to present that information next summer. This project will deepen the coalition's partnership with INVST by working to turn the coalition's women's wool buying project into a worker-owned cooperative business.

COLLEGE OF ENGINEERING

Assessing Drinking Water Quality on Colorado's Western Slope

Professor Joseph Ryan

Department of Civil, Environmental and Architectural Engineering

The goal of this project is to help with a new study of private drinking water wells in six counties on Colorado's Western Slope, including Delta, Gunnison, Hinsdale, Montrose, Ouray and San Miguel. The risks to private drinking water wells will be evaluated by creating an inventory of these wells, evaluating potential hazards and exposures via groundwater, and developing an outreach plan to encourage testing of the wells.

Designing STEAM Kits for Children in Hospital Settings

Research Associate Daniel Knight
Department of Mechanical Engineering

This partnership between the Department of Mechanical Engineering, CU Science Discovery and the Children’s Hospital of Denver is developing Science, Technology, Engineering, Art and Math (STEAM) kits for long-term care patients. During the summer, undergraduate students created “pretotypes” of the kits, which include hands-on activities that must follow strict guidelines for a hospital setting. CU Boulder mechanical engineering design teams will create high-resolution, trade-show ready kits with the goal of delivering them to the hospital by 2018.



Designing STEAM Kits for Children in Hospital Settings

Fifty 3D Books for Fifty Families Worldwide

Assistant Professor Tom Yeh
Department of Computer Science

This project focuses on creating customizable and inclusively designed 3D tactile picture books for visually impaired children with direct input and collaboration from their families. This year, a team of professors and students will research and build technology to create 50 books for 50 families, and involve undergraduate students from the Engineering GoldShirt program, many of whom come from underrepresented backgrounds.



Fifty 3D Books for Fifty Families Worldwide

GRADUATE SCHOOL

Building on the Success of the Colorado Archaeology in the Classroom Project

Professor Stephen Lekson

CU Museum of Natural History and Department of Anthropology

The CU museum continues to expand this program based on Professor Lekson's archaeological research so that more elementary students and teachers in classrooms and communities across the state can discover the science, history and geography of Colorado. Participating schools will receive teaching kits containing artifacts, maps, tools, lessons and teacher guides. Using hands-on activities with archaeology materials, methods and tools, nearly 20,000 elementary students will engage in Colorado history.



Building on the Success of the Colorado Archaeology in the Classroom Project

Colorado Mammal Evolution Fourth-Grade Classroom Kit

Research Associate Alexandra Rose

Institute of Arctic and Alpine Research (INSTAAR)

This project will create kits to help fourth-grade students learn about biological evolution—variation and adaptation—through exploring the natural history of native Colorado mammals. This kit will feature real and cast mammal specimens, skins, feet and skulls, tools for measuring and observing and in-class activities specifically designed to address Colorado state standards. The kits will be piloted in Boulder Valley School District this year and distributed to 17 rural Colorado schools next summer.

Girls At the Museum Exploring Science (GAMES): After-School Science at the Natural History Museum

Assistant Professor Christy McCain

CU Museum of Natural History and Department of Geological Sciences

GAMES is a unique program developed to encourage fourth- and fifth-grade girls' interest in science. Weekly after-school visits to the CU museum allow the girls to explore archaeology, botany, entomology, paleontology and zoology through hands-on activities and direct interaction with scientists and museum professionals.

SCHOOL OF LAW

The Acequia Project: Assisting Low-Income Farmers in the San Luis Valley

Professor Sarah Krakoff

This project provides free legal assistance to low-income and predominately Hispanic farmers in the San Luis Valley whose water rights are at risk. CU Boulder law students work closely with local farmers or irrigators to draft bylaws for their acequias, which are irrigation ditches that capture runoff from mountain snowmelt, so they can take advantage of Colorado laws. The goal is to help protect the traditional and democratic ways that acequias operate, which form the basis for much of the community's cultural life.



The Acequia Project: Assisting Low-Income Farmers in the San Luis Valley

American Indian Law Clinic Tribal Outreach Projects: Election Protection and Pine Ridge Community Development

Associate Clinical Professor Carla Fredericks

The American Indian Law Clinic provides pro bono legal services to disadvantaged tribal communities while giving CU Boulder law students the opportunity to work with community members and affect Indian law issues. The students assist the Mountain Ute tribal community in Towaoc, Colorado, with voter engagement, education and nonpartisan action to ensure native participation in the 2016 election. They also provide community outreach and legal services to the Pine Ridge community and the Thunder Valley Community Development Corporation, a nonprofit on the Pine Ridge reservation.

Constitutional Literacy in Colorado High Schools

Associate Professor Melissa Hart

This initiative reaches high school students around the state through two projects: the Marshall-Brennan Constitutional Literacy Project, and Colorado Constitution Day. Colorado Constitution Day sends CU Boulder law students and CU alumni around the state for a one-day interactive presentation to high school students on a constitutional topic. The Marshall-Brennan Project involves weekly lessons throughout the school year in social studies classrooms in underserved metro-area schools, where law students coach the high school students for moot court competition on campus and in Washington, D.C.



Constitutional Literacy in Colorado High Schools

The Korey Wise Innocence Project

Clinical Professor Ann England

This project — the only one of its kind in Colorado — seeks to identify and exonerate people who have been wrongfully convicted in Colorado, while educating a new generation of law students to be compassionate forward-thinking attorneys. This year, the project will work with community partners who are experts in misidentification of suspects by victims and improper police procedures. In addition, students will be recruited and trained to investigate a backlog of wrongful convictions.

UNIVERSITY LIBRARIES

Shakespeare at CU: First Folio Outreach Kit

Associate Professor Deborah Hollis

Special Collections and Archives

CU Boulder hosted an exhibit last summer of the First Folio: The Book that Gave Us Shakespeare, which was on tour as part of the 400th anniversary of William Shakespeare's death. This partnership with the CU Art Museum will create a box of materials from the Folio exhibition, including a Folio facsimile, 3D printed images from the Folio, Elizabethan ruffs, skulls and materials for various Shakespeare-inspired crafts. These outreach kits will extend the exhibit's impact and be available to CU Boulder, other universities, local K-12 schools and community members.

COLLEGE OF MUSIC

Piano for Dreamers

Professor Alejandro Cremaschi

Due to the high cost of piano lessons in the Boulder area, low-income families find it challenging or impossible to find quality piano instruction. Piano for Dreamers offers no-cost introductory piano classes for fourth- and fifth-grade children who are supported by the I Have a Dream Foundation. Graduate student instructors teach the classes, and undergraduate piano majors assist. By the end of the semester, children are able to perform simple songs with good technique, read and interpret basic music notation and symbols, and compose simple pieces.



Piano for Dreamers

World Music in Middle School Ensembles

Assistant Professor David Rickels

This project facilitates a partnership among public school band and orchestra teachers, their students, and College of Music faculty and students at all levels. The program incorporates multifaceted mentoring relationships: CU Boulder undergraduates mentor high school students, who then mentor middle school students. The project explores the effects of these relationships on teacher effectiveness while providing a low-cost musical experience for middle school band students.

INTERDISCIPLINARY AND FACULTY GROUP AWARDS

American Indian Histories in the National Park Service

Professor Patty Limerick, *Center of the American West and Department of History*
Professor Penelope Kelsey, *Department of English and Center for Native American Indigenous Studies*
Professor Andrew Cowell, *Department of Linguistics*

Through this project, the Center of the American West and the Center for Native American and Indigenous Studies are working with the National Park Service to assess how the park service can expand and deepen the ways it interprets American Indian histories. This year, the centers will work with tribal representatives to offer a workshop at Rocky Mountain National Park (RMNP) to discuss the histories and treaty rights of tribal nations with connections to RMNP, and to consider the practical implications of this research for interpretation and tribal collaborations at the park.

Border Crossing: Renewing El Pueblo In/Out of School

Associate Professor A. Susan Jurow, *School of Education*
Research Associate Sarah Hug, *Alliance for Technology, Learning and Society (ATLAS)*

Since 2010, Sanchez Elementary School in Lafayette, Colorado, and the School of Education have partnered to improve academic learning of low-income children and prepare pre-service teachers to teach these students effectively. Undergraduate students run an after-school club called El Pueblo Innovation Club where they mentor third-, fourth- and fifth-graders and create STEAM (Science, Technology, Engineering, Art and Mathematics) projects. This year, the partnership will connect the club to in-class instruction and hold forums for university and Sanchez partners to fully support children's learning.

Building Community Knowledge Around Sustainable Neighborhood Design

Associate Professor Brian Muller, *Environmental Design Program*
Assistant Professor Shawhin Roudbari, *Environmental Design Program*
Associate Professor Joel Hartter, *Department of Environmental Studies*

This project is the first initiative of the CU Boulder-city of Boulder Metrolab network, a partnership that seeks to include CU Boulder faculty and students in city planning, focusing on design, community engagement and sustainable technologies. The project will focus on the 8.8-acre Boulder Community Hospital site recently acquired by the city of Boulder and the adjacent "eco-district." The goals include designing a framework for community collection of data and stories of neighborhood residents, developing neighborhood designs and policy proposals built on collected data and narratives, and incorporating work in relevant classes at CU Boulder and the Boulder Valley School District.

The Boulder Housing Research Initiative

Associate Professor Jennifer Fluri, *Department of Geography*

Instructor Abby Hickcox, *Honors Program*

In its second year, this initiative aims to collect and share data on affordable housing in Boulder with affordable housing organizations and local residents. The project uses collaborative and inclusive research methods (both qualitative and quantitative) to incorporate various perspectives and synthesize disparate efforts, opportunities and initiatives related to access to affordable housing in Boulder.

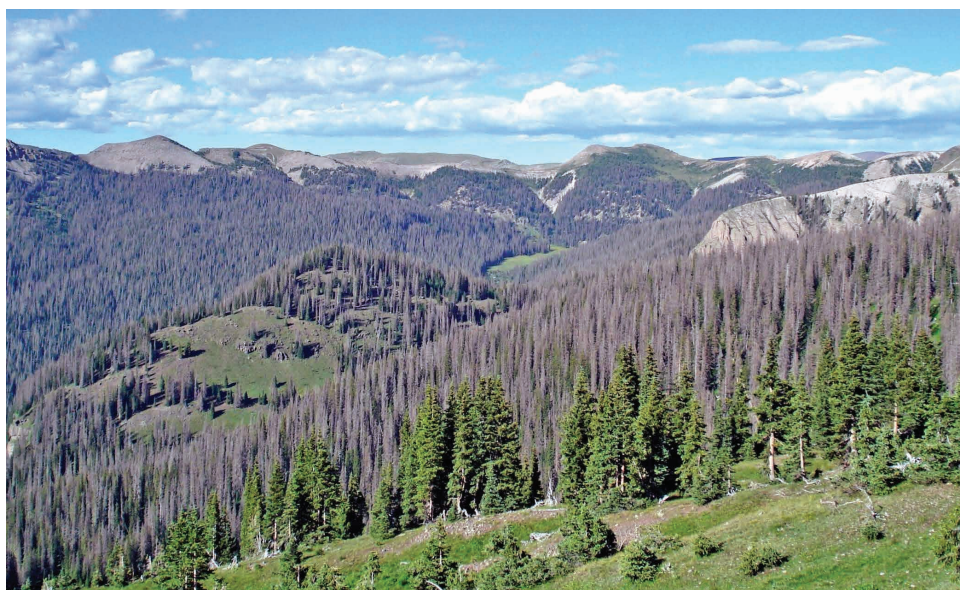
Climate Change in Our Back Yard

Professor Robert Anderson, *Institute of Arctic and Alpine Research*

(INSTAAR) and Department of Geological Sciences

Director Doug Duncan, *Fiske Planetarium*

The project aims to create programs and lectures for planetarium visitors that highlight examples of local climate change. Images and data collected from local landscapes (including Glacier National Park and the Colorado Rockies) by CU researchers and partners will illustrate narratives that place local climate change—and its impact on landscape and geography—in a global context. The lecture series is designed for both the general public and school groups.



Climate Change in Our Back Yard

Climate Education and Resiliency for Denver Public Schools

Senior Research Associate Susan Sullivan, *Cooperative Institute for Research in Environmental Sciences (CIRES)*

Professor William Penuel, *School of Education*

This interdisciplinary project will be working with Denver Public Schools (DPS) to train teachers on how to implement climate education curriculum and help schools develop workshops focused on climate education. This project contributes to needs expressed by DPS, supports best practices for climate and energy education in the district in the context of resiliency planning, and develops capacity for the state of Colorado to approve new educational standards in science.

“Dig In! To Local Food” Community Literacy Project

Senior Instructor Veronica House, *Program for Writing and Rhetoric*

Assistant Professor Peter Newton, *Department of Environmental Studies*

Associate Professor Phaedra Pezzullo, *Department of Communication*

This project aims to create a countywide food-literacy campaign working in collaboration with The Shed, a city/county group committed to fostering a healthier Boulder County. The data-driven campaign will use courses, interviews, social media, nutrition campaigns and an arts competition with local schools to help residents understand what aspects of local food they support, frame public discussion, and encourage policymakers to facilitate behavioral and systemic change.

Increasing Latino Visibility in Boulder County Classrooms

Distinguished Professor Emerita Marjorie McIntosh, *Department of History*

Instructor Kent Willmann, *School of Education*

Associate Professor Arturo J. Aldama, *Department of Ethnic Studies*

The Boulder County Latino History Project was created in 2013 to document and share the history of Latinos in the county. High school and college interns, volunteers and other community members — many of them Latino — gathered oral histories, newspapers, photographs and other primary source materials that are now available in published books, at bocolatinohistory.colorado.edu and through presentations to school and community groups. The project is currently helping K–12 teachers incorporate Latino history and culture into their classes through curriculum and will offer a teacher workshop in summer 2017.



Increasing Latino Visibility in Boulder County Classrooms

Just Transition: Equity and Engagement in Energy and Climate Action

Assistant Professor David Ciplet, *Department of Environmental Studies*

Lecturer Adam Reed, *Department of Environmental Studies*

By 2050, the city of Boulder's climate action plan seeks to reduce carbon dioxide emissions by 80 percent. This project will work to advance community engagement, research and policy measures to ensure a socially just transition to affordable and clean energy. In partnership with community leaders and underrepresented constituents, the project will facilitate dialogues on green jobs and energy justice, establish equity targets for the city's climate action plan, develop publications and communication tools, and generate community engagement opportunities for undergraduate and graduate students.

Organizing Alternatives to Gentrification in a Non-Dominant Community

Associate Professor A. Susan Jurow, *School of Education*

Associate Professor Brian Muller, *Environmental Design Program*

This partnership between CU Boulder and the food justice organization ReVision supports the transformation of Denver's Westwood neighborhood from a food desert to a food oasis. Through ReVision's garden initiative, residents grew more than 40,000 pounds of vegetables last year and plan to open Denver's first grocery cooperative supplied with the vegetables. However, as Westwood becomes a more desirable neighborhood, low-income residents are being displaced. This project aims to understand the effects of gentrification and community wealth building in Westwood and how ReVision's efforts have shaped residents' conceptions of community and activism, and also plan community development efforts.

Promoting Brain Development and Health Through Neuroscience Education

Professor Marie Banich, *Department of Psychology and Neuroscience*

Assistant Professor Monique LeBourgeois, *Department of Integrative Physiology*

Recent research from CU Boulder shows that exercise protects and enhances brain structure and function; meditation aids in the treatment and prevention of depression; high levels of stress impair brain function; sleep plays a critical role in early childhood development; and certain foods provide protective effects on brain function. The goal of this project is to bring this important research directly to the community through targeted neuroscience lessons and demonstrations in local classrooms, which teach students and teachers how healthy lifestyle choices can protect and enhance brain function and psychological well-being.



Promoting Brain Development and Health through Neuroscience Education

Shakespeare and Violence Prevention: Using Theatre to Improve School Climate

Senior Research Associate Beverly Kingston, *Center for the Study and Prevention of Violence*

Assistant Professor Tamara Meneghini, *Department of Theatre & Dance*

This collaborative effort between the Colorado Shakespeare Festival, the Department of Theatre & Dance and the Center for the Study and Prevention of Violence works to reduce bullying and violence in Colorado schools through a live performance and hands-on workshops for students in grades 3–12. This program integrates current research and bullying themes to spark school dialogues about the cycle of violence, school safety and ways to speak out against bullying. Schools can participate in the center's climate survey that enables administrators to better understand their school's strengths and challenges.



Shakespeare and Violence Prevention: Using Theatre to Improve School Climate

Student Science for the Northeast Denver Community

Professor Jana Milford, *Department of Mechanical Engineering and Environmental Engineering Program*

Professor Shelly Miller, *Department of Mechanical Engineering and Environmental Engineering Program*

Assistant Professor Kevin O'Connor, *School of Education*

This collaboration engages Denver School of Science and Technology Cole High School students in community-centered scientific investigations focused on how the proposed I-70 East construction project will impact noise and air quality. Students will measure noise and air pollution in their community using low-cost smartphone and Arduino-based devices, and survey community members about perceptions of personal impacts and disturbances. They will deliver their findings to public officials to help inform decisions about how to reduce noise and air-quality impacts related to the I-70 project.

Young Women's Vocal Empowerment

Associate Professor Beth Osnes, *Department of Theatre & Dance*

Clinical Assistant Professor Jen Walentas Lewon, *Speech, Language
and Hearing Sciences*

This project brings together experts from theatre and speech-language pathology to empower women from underresourced communities so they can participate in sustainable development projects. An introductory curriculum will be implemented in Denver, New York City, Guatemala and Tanzania to help women strengthen their voices and expand their expressive range. The goal is to help women gain confidence as they use their voices in various social contexts.



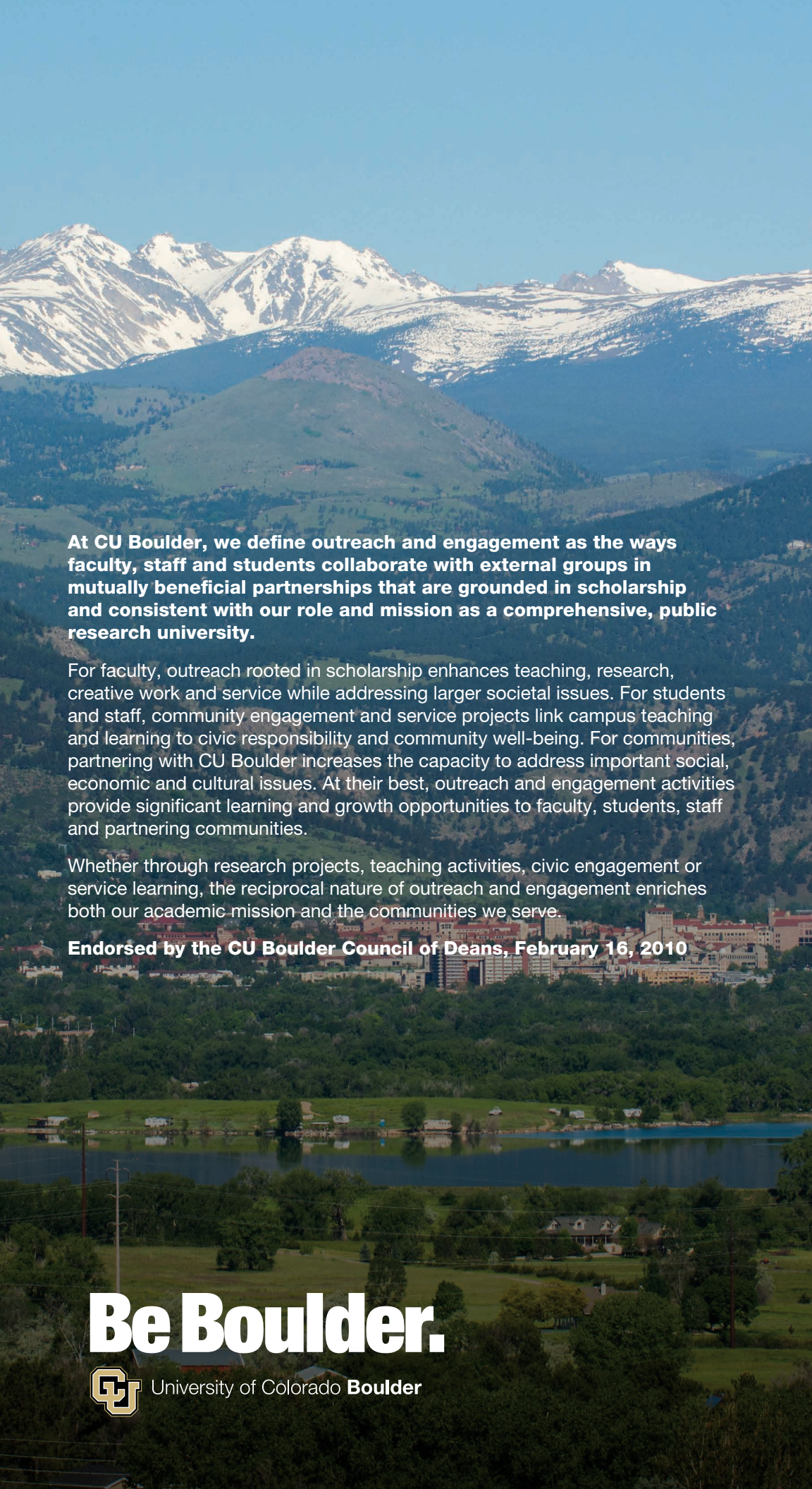
Young Women's Vocal Empowerment

The Office for Outreach and Engagement

Since 2001, the Office for Outreach and Engagement has connected research, teaching and creative work with public needs across Colorado and beyond, and supported faculty, staff and community partners doing outreach and engagement. The office also provides administrative support and oversight for the CU Boulder Outreach Committee and Awards.

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At CU Boulder, we define outreach and engagement as the ways faculty, staff and students collaborate with external groups in mutually beneficial partnerships that are grounded in scholarship and consistent with our role and mission as a comprehensive, public research university.

For faculty, outreach rooted in scholarship enhances teaching, research, creative work and service while addressing larger societal issues. For students and staff, community engagement and service projects link campus teaching and learning to civic responsibility and community well-being. For communities, partnering with CU Boulder increases the capacity to address important social, economic and cultural issues. At their best, outreach and engagement activities provide significant learning and growth opportunities to faculty, students, staff and partnering communities.

Whether through research projects, teaching activities, civic engagement or service learning, the reciprocal nature of outreach and engagement enriches both our academic mission and the communities we serve.

Endorsed by the CU Boulder Council of Deans, February 16, 2010

Be Boulder.



University of Colorado **Boulder**