

OPEN CU ^[1]



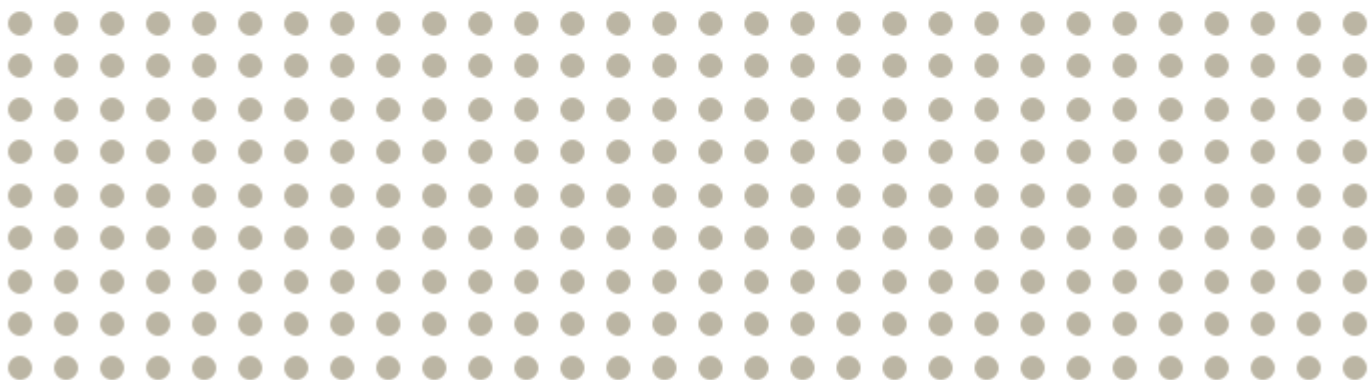
Open CU is based on a premise of openness and collective impact across CU's four campuses and beyond.

Each campus brings Open Educational Resources (OER) expertise, resources, and practices for awareness and adoption to the shared table, all of which are customized to meet campus needs and cultures. By working together, the campuses succeed in their common goal of increasing the reach of quality OER experience and cost savings for students.

Total Cost Savings to Students 2020-2021



\$125,000+



These numbers reflect Open CU Grant outcomes and not all campus OER activity and use we know is occurring without our specific awareness.

Want to learn more about OER in Colorado?



[2]

Open CU Champions

Annual System award honoring campus faculty for high-impact implementation of OER in their course(s) and for their OER advocacy.

2020 OER Champions

Linda Button, UCCS



Joanne Addison
Senior Instructor, College of Education

Dr. Button utilizes a variety of OER, not only using it as her curriculum but introducing it to her education students and requiring them to locate, select, and evaluate OER for their course projects in hopes that they will incorporate it into their own classrooms. Her resources are highly rated by participating students, and she is dedicated to giving her students a rich educational experience.

Julia Dixon, Anschutz



Julia Dixon

Assistant Professor Emergency Medicine

Dr. Dixon has developed OER used to support the WHO Basic Emergency Care Course, EMED 6631 Wilderness Advanced First Aid, Pre-Health Wilderness and Emergency Medicine Course. The videos provide hands-on examples with clear guidance for essential skills. Her commitment to OER has shown what a force multiplier open source innovative educational resources can be to different contexts.

Brad Hinson, Denver



Brad Hinson

Assistant Dean & Senior Instructor, Digital Learning & Technology, School of Education & Human Development

Brad is a tireless advocate for open educational resources and open education through teaching, organizing, oversight, imagining, and partnering. As Assistant Dean & Senior Instructor of Digital Learning & at the School of Education and Human Development (SEHD), Brad runs IT operations in the SEHD, leads faculty professional development and support centered on digital education, and serves as faculty in the SEHD Learning Design & Technology program.

Brooke Huibregtse, Boulder



Brooke Huibregtse

Instructor Psychology & Neuroscience, Institute for Behavioral Science

Dr. Huibregtse completely overhauled materials for the Behavioral Genetics course, offered by the department with the largest number of declared undergraduate majors in the CU system. She was able to curate a complex set of OER materials that actually improve and update the longstanding curriculum of the course, and thus was able to drastically reduce costs for students, while also actually increasing the quality of course content.

2021 OER Champions

Eleanor Haberl, Boulder



Eleanor Haberl
Research Associate, Boulder

Haberl is a research associate on an NSF project on Artificial Intelligence and Ethics (PI Tom Yeh and Co-PI's B. Dalton and S. Forsyth). She authored 5 short stories with embedded AI ethical dilemmas to develop students' critical understanding of AI ethical issues. These stories are open source digital materials and are being used in two CU Boulder (Computer Science and English) courses taught by T. Yeh and B. Walsh, as well as in high school English Language Arts classes and Science Discover summer camps on AI.

Debnath Chatterjee, MD, FAAP, Anschutz



Debnath Chatterjee, MD, FAAP

Associate Professor of Anesthesiology, Director of Fetal Anesthesia, Colorado Fetal Care Center,

Program Director, Pediatric Anesthesiology Fellowship, University of Colorado

Dr. Chatterjee has given presentations to his department about how to find openly licensed images and OER. He was recently awarded an OER creation grant from the CU Anschutz OER committee to fund the creation of an OER pediatric airway course. The comprehensive OER pediatric airway course will include case studies, quiz questions, and recorded presentations that will be accessible to anyone. The course will be linked to OER repositories.

Stephen Hartke, Denver



Stephen Hartke

Associate Professor, Department of Mathematical and Statistical Sciences

Professor Hartke has used and developed OER and OSS (open-source software) materials in his courses for many years, primarily in Math 3000 Introduction to Abstract Mathematics and Math 4110/5110 Theory of Numbers. In both courses, Professor Hartke uses OER textbooks and has developed a series of class handouts to present material and guide classroom discussions. The Math 3000 handouts have been shared with the other instructors of Math 3000 and used in every section since Spring 2016. Other instructors have added their own additions to the handouts, which have been incorporated in the primary versions maintained by Professor Hartke. (So far, no other instructor has taught Math 4110/5110, since it is only taught every other year.) Professor Hartke also uses open-source software (primarily Sage or Python and SymPy) in his number theory course.

Lynnane George, Ph.D, UCCS



Lynnane George, Ph.D

Professor, College of Engineering and Applied Science

Dr. Lynnane George has progressively integrated OER into her astrodynamics course over the last five years which has culminated into a custom eText using Pressbooks. She has revised, remixed, and created her own material to create a comprehensive and relevant curriculum for the subject matter.

In 2020-2021, the Open CU initiative continues to:

- Ensure that the Open CU campus teams (including teaching and learning centers, libraries, offices of information technology, and accessibility units) continue to deliver high-quality awareness and adoption workshops to additional educators and assisting

educators with their course redesign efforts.

- Provide financial incentives to faculty to adapt or create OER content that is fully accessible, discoverable, and openly-licensed.
- Targeting educators teaching high school concurrent enrollment courses for participation.
- Build a cadre of educator experts and advocates who will integrate open education principles into campus academic culture.

The Open CU initiative serves students across Colorado, including urban and rural populations, non-traditional and underrepresented students, and high school students across the state. This initiative has garnered over \$200K in grant and in-kind funding.

Campus Web Resources and Information

CU Boulder Campus

OWeek Activities: <https://libguides.colorado.edu/openedweek> [3]

Websites/libguide pages

Open educational resources: <https://libguides.colorado.edu/oer> [4]

Creative Commons licenses: <https://libguides.colorado.edu/cclicenses> [5]

Open pedagogy: <https://libguides.colorado.edu/openped> [6]

CU Scholar Open Educational Resources Collection:

<https://scholar.colorado.edu/collections/qf85nc31p> [7]

OER Award

Open educator award: <https://libguides.colorado.edu/openeducator>

News Posts [8]

[Call for applications](#) [9]

[Open Educator Award story](#) [10]

Additional Resources

[2020–2021 Course OER Creation/Adaptation Initiative call for proposals](#) [9] (widely distributed via university communication channels)

[Accessibility check-list](#) [11]

[Memo of Understanding \(2021-2022 version\)](#) [12]

Canvas course for grant participants

CU Anschutz Medical Campus

Open Educational Resources (OER) at CU Anschutz: OER Home [13]

OER in Promotion & Tenure presentation at the 2020 Open Education Conference [14]

OER Creation Projects

Teaching Future Nurses [15]

Clinical Decision Support Artifact Design Assignment [16]

Nurse Practitioner Student's Pocket Guide to Clinical Guidelines [17]

CU Plastinated Organ Library [18]

UCCS Campus

Web Resources

Faculty Resource Center OER page [19]

Faculty Resource Center OER SUCCESS (Start, Use, Choose, Customize, Educate, Survey, Share) Program [20]

Faculty Resource Center Universal Design for Inclusive Teaching (UDIT) Program [21]

Kraemer Family Library OER Libguide [22]

List of UCCS Courses Using OER, No-cost, or Low-cost Materials for Fall 2021 [23]

UCCS OER Council

UCCS OER Initiative (Council) [24]

CU Denver Auraria Campus

OER LibGuide: <https://guides.auraria.edu/textbookalternatives> [25]

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Source URL: <https://www.cu.edu/open-cu>

Links

- [1] <https://www.cu.edu/open-cu>
- [2] <https://www.youtube.com/watch?v=XchfnN6dvyY>
- [3] <https://libguides.colorado.edu/openedweek>
- [4] <https://libguides.colorado.edu/oer>
- [5] <https://libguides.colorado.edu/ccllicenses>
- [6] <https://libguides.colorado.edu/openped>
- [7] <https://scholar.colorado.edu/collections/qf85nc31p>
- [8] <https://libguides.colorado.edu/openeducator>
- [9] <https://www.colorado.edu/libraries/2020/07/02/apply-july-20-2020-2021-course-oer-creationadaptation-initiative>
- [10] <https://www.colorado.edu/libraries/2021/03/04/cu-boulder-2021-open-educator-award-winners-announced>
- [11] <https://docs.google.com/document/d/1vf0ODKHmjkXrR1hdR-hBIJls72Uxh5wcBAxTicCil-Q/edit>
- [12] <https://docs.google.com/document/d/1v4LdTfUhmUPPpFaSQtd4TXKLzs30SF5Yz9fF6eSciBk/copy>
- [13] <https://library-cuanschutz.libguides.com/oer>
- [14] <https://youtu.be/69tTvD5rGcl>
- [15] <https://www.merlot.org/merlot/viewSite.htm?id=9161873>
- [16] <https://www.merlot.org/merlot/viewSite.htm?id=9163297>
- [17] <https://www.merlot.org/merlot/viewSite.htm?id=9163203>
- [18] <https://www.anatomylibrary.org/>
- [19] https://frc.uccs.edu/teaching_resources/open-educational-resources
- [20] <https://frc.uccs.edu/sites/g/files/kjihxj1261/files/inline-files/OER%20Brochure.pdf>
- [21] https://frc.uccs.edu/sites/g/files/kjihxj1261/files/inline-files/UDITbrochure_20210126.pdf
- [22] <http://libguides.uccs.edu/oer>
- [23] <https://open.uccs.edu/course-affordability>
- [24] <https://drive.google.com/file/d/19V2STbthuQsrSm6BqwUpVamnICF1N4YE/view?usp=sharing>
- [25] <https://guides.auraria.edu/textbookalternatives>
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