



MARYLAND OPEN SOURCE
TEXTBOOK *Initiative*

**ADVANCING
POSTSECONDARY
STUDENT SUCCESS
THROUGH OER:**

A STATEWIDE SUMMIT ON OPEN EDUCATIONAL
RESOURCES IN HIGHER EDUCATION

DEC. 8, 2017

*College Park Marriott Hotel
& Conference Center*

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The Kirwan Center for Academic Innovation, MarylandOnline, and University of Maryland University College would like to thank the summit planning committee for their contributions in framing the program structure and content.

Advancing Postsecondary Student Success Through OER Planning Committee

Deb Adair, Executive Director, Quality Matters

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Kat Bugg, Assistant Vice President, Communications & Events, University of Maryland University College

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Karen Rege, Director for eLearning and Instructional Resources, Harford Community College and Board Member, MarylandOnline

Richard Sebastian, Director, OER Degree Initiative, Achieving the Dream

Peter Smith, Orkand Endowed Chair and Professor of Innovative Practices in Higher Education, University of Maryland University College

Fiona Yung, Vice President, edBridge Partners, LLC



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 #MDOERSummit

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Advancing Excellence in e-Learning
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University College

Special thanks to our partners:

Achieving the Dream | Lumen Learning | Quality Matters

FEATURED SPEAKERS



JAMES C. ROSAPEPE

Maryland State Senator

A former member of the USM Board of Regents, Jim has represented College Park in the Maryland Senate since 2006. He is Senate Chair of the Joint Technology Committee and, in 2017, he sponsored the Textbook Cost Savings Act of 2017, the new law to incentivize Maryland colleges to move from expensive textbooks to free or low-cost open source materials.



CABLE GREEN

Director of Open Education, Creative Commons

Cable Green is the Director of Open Education at Creative Commons (CC), a nonprofit organization that provides the well-known suite of open licenses that have become the global standard used by governments, institutions and individuals across culture, education, and science to promote sharing, collaboration and innovation. Dr. Green works with the global open education community and governments to leverage open licensing, open content, practices and policies to significantly improve access to effective education and research resources so everyone in the world can attain all the education they desire. He is a leading advocate for open licensing policies that ensure publicly funded education materials are open by default. Dr. Green has 20 years of academic technology, online learning, and open education experience, and helped establish the Open Course Library. He holds a PhD in educational psychology from Ohio State University.

 @cgreen

 <https://www.linkedin.com/in/cablegreen>



DAVID WILEY

Co-founder & Chief Academic Officer, Lumen Learning

David Wiley is co-founder and chief academic officer of Lumen Learning, an organization dedicated to increasing student success, broadening access and improving the affordability of education through the adoption of open educational resources. Previously, Dr. Wiley was an Associate Professor in the Department of Instructional Psychology & Technology at Brigham Young University and a Postdoctoral Fellow in Instructional Technology at Utah State University. He has received numerous recognitions including an NSF CAREER grant, appointments as Education Fellow at Creative Commons, Nonresident Fellow at the Center for Internet and Society at Stanford Law School, and Shuttleworth Fellow. As a social entrepreneur, Dr. Wiley founded or co-founded Lumen Learning, Degreed, and Mountain Heights Academy. In 2009, *Fast Company* named him one of the 100 Most Creative People in Business. He holds a PhD in Instructional Psychology & Technology from Brigham Young University.

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 <https://www.linkedin.com/in/opencontent>

PROGRAM



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By attending or participating in the event, you acknowledge that you may appear in any video or photographs, and any and all claims regarding the use of your image are waived. If you have any questions or concerns, please contact the Kirwan Center for Academic Innovation at cai@usmd.edu.

8:00 – 8:45 AM

Registration and Poster Showcase | MAIN CORRIDOR OUTSIDE CHESAPEAKE BALLROOM

Learn from colleagues across two- and four-year Maryland public higher education institutions who have successfully adopted, adapted, created, and advanced OER at their institutions. See the list of posters and presenters on [page 10](#).

8:45 – 9:00 AM

Welcome | CHESAPEAKE BALLROOM

MJ Bishop, Director, William E. Kirwan Center for Academic Innovation, University System of Maryland (USM)

Javier Miyares, President, University of Maryland University College (UMUC)

Wendy Gilbert, Executive Director, MarylandOnline

9:00 – 9:10 AM

Opening Remarks | CHESAPEAKE BALLROOM

James C. Rosapepe, Maryland State Senator, introduced by **Joann A. Boughman**, Senior Vice Chancellor for Academic and Student Affairs, USM

9:10 – 10:20 AM

Keynote Address: The Changing Landscape of OER in Higher Education | CHESAPEAKE BALLROOM

What would it mean for open education to transition from a movement championed by small pockets of faculty, staff, and administrators to the mainstream? What if teaching and learning content, practices and policy were open across whole departments, institutions, and systems? In this keynote address, Cable Green and David Wiley will discuss the evolution of open education; its impact on students, faculty and institutions; and its potential to fundamentally change the way we think about student learning, pedagogy, sharing, ownership and control, and public funding.

Cable Green, Director of Open Education, Creative Commons and **David Wiley**, Co-founder & Chief Academic Officer, Lumen Learning

10:20 – 10:35 AM

Break and Coffee | MAIN CORRIDOR OUTSIDE CHESAPEAKE BALLROOM

Posters will be available for viewing outside of the Chesapeake Ballroom throughout the Summit.

PROGRAM

10:35 – 11:25 AM

Concurrent Sessions

OER 101 | GENERAL VESSEY SALON 1

For those new to OER, this session will cover definitions, understanding copyright, the public domain, and open licensing. It will also highlight lessons learned from UMUC's Open Educational Resources initiative, which removed textbooks from all undergraduate and graduate courses.

Cable Green, Director of Open Education, Creative Commons and **Laureece Hymes**, Digital Rights Manager, Learning Design & Solutions, UMUC

OER Research & Evaluation | ROOM 0101

One of the core benefits of OER is cost-savings to students, but what other benefits do students - and others - gain from engaging with OER? This session will highlight national efforts to assess the impact of OER on student access, affordability, achievement outcomes, and costs, and discuss strategies for assessing impact that can be applied to local contexts.

Rebecca Griffiths, Senior Researcher, Center for Technology in Learning, SRI International; **Jonathan Lashley**, Senior Instructional Technologist, Boise State University; and **Richard Sebastian**, Director, OER Degree Initiative, Achieving the Dream

OER Quality | GENERAL VESSEY SALON 2

Among the first concerns raised in OER initiatives relates to the quality of the materials being adopted, adapted, and/or created. In this session, panelists will discuss faculty and student perceptions of OER quality and progress toward implementing OER within a quality assurance framework.

Christine Voelker, K-12 Program Director, Quality Matters and **Jack Boeve**, Senior Content Curator, UMUC

OER Equity | ROOM 1105

This session will examine student equity issues that OER addresses as well as equity issues that OER introduces. While benefits include increasing affordability and access to course materials, there is the potential for introducing bias and exacerbating digital divides through the use of OER. Join the presenters in delineating strategies for enhancing equity-promoting qualities of OER.

Francesca Carpenter, Associate Director, OER Degree Initiative, Achieving the Dream, and **Shirley Leyro**, Assistant Professor of Criminal Justice and **Daphnie Sicre**, Assistant Professor, Speech, Communications and Theatre Arts Department, both of Borough of Manhattan Community College, City University of New York

OER Accessibility | ROOM 2115

A critical feature of the OER movement is a commitment to accessibility for diverse learners, but what does that mean in practice? This panel will lay out common challenges related to creating accessible OER as well as lessons learned from working through these challenges effectively.

Emily Medina, Director, Learning Solutions Group, UMUC; **Amy Mason**, Access Technology Specialist, National Federation for the Blind; and **Karen Rege**, Director for eLearning and Instructional Resources, Harford Community College

OER Stories, Part I | CHASEN FAMILY ROOM

In this session, faculty and staff will present their "OER stories," detailing efforts to adopt and scale OER through fast-paced, structured presentations accompanied by audience Q&A.

Increasing Affordability in General Psychology

Katrina Kardiasmenos, Associate Professor of Psychology, Bowie State University

PROGRAM

10:35 – 11:25 AM

(CONTINUED)

OERs: Why, Results, Pros, and Cons

Scott Saunders, Associate Dean, Mathematics and Engineering, Baltimore City Community College

Successful OER Adoption in a Business Curriculum

MaryBeth Furst, Professor of Business, Howard Community College

Scaling OER in College Algebra

Deborah Wiles Devlin, Lecturer, Mathematics Department, Frostburg State University

“Reply Hazy, Try Again Later”: A SWOT Analysis of OER

Elizabeth Irtenkauf, Collection Development Coordinator and *Jean Boggs*, Reference & Instruction Librarian, both of Community College of Baltimore County

HowardOpen: A Central Structure for Advancing OER Implementation Through Faculty Support

David Buck, Professor of English; *Eric Belt*, Assistant Director, eLearning; and *Nana Owusu*, Director, Library and Learning Commons, all of Howard Community College

11:25 – 11:40 AM

Break

11:40 – 12:30 PM

Concurrent Sessions

The OER 101, OER Research & Evaluation, OER Quality, OER Equity, and OER Accessibility sessions will repeat during this time block. See page 6 for session descriptions. OER Stories, Part II will feature new lessons learned related to adopting, adapting, creating, and scaling OER.

OER 101 | GENERAL VESSEY SALON 1

Cable Green, Director of Open Education, Creative Commons and *Laureece Hymes*, Digital Rights Manager, Learning Design & Solutions, UMUC

OER Research & Evaluation | ROOM 0101

Rebecca Griffiths, Senior Researcher, Center for Technology in Learning, SRI International; *Jonathan Lashley*, Senior Instructional Technologist, Boise State University; and *Richard Sebastian*, Director, OER Degree Initiative, Achieving the Dream

OER Quality | GENERAL VESSEY SALON 2

Christine Voelker, K-12 Program Director, Quality Matters and *Jack Boeve*, Senior Content Curator, UMUC

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Emily Medina, Director, Learning Solutions Group, UMUC; *Amy Mason*, Access Technology Specialist, National Federation for the Blind; and *Karen Rege*, Director for eLearning and Instructional Resources, Harford Community College

PROGRAM

11:40 – 12:30 PM

(CONTINUED)

OER Stories, Part II | CHASEN FAMILY ROOM

Student Engagement and Experiential Learning Using Open Educational Resources in Psychology

Katherine Cameron, Associate Professor of Psychology and *Julie Manley*, Faculty of Psychology, both of Coppin State University

Increasing Student Engagement Using OER in Developmental English Courses

Karen Kyger, Associate Professor of English and *Sarah Johnson*, Assistant Professor of English, both of Howard Community College

Library Support of Science Courses: Working Outside the Box with OERs

Susan Brazer, Science Research and Instruction Librarian, Salisbury University

Curation and Design of Composition OER: Building a Course Template and Accessibility Compliance Tool

David Buck, Professor of English and *Eric Belt*, Assistant Director, eLearning, both of Howard Community College

Faculty Professional Development for Institution-wide OER Adoption

Jessica Young, Assistant Director of Distributed Learning, Frederick Community College

Creating, Maintaining, and Hosting OER in Introduction to Psychology: Seven Years Later

Scott Roberts, Director of Instructional Excellence & Innovation, Teaching & Learning Transformation Center, University of Maryland, College Park

12:30 – 1:30 PM

Lunch and Roundtable Discussions | CHESAPEAKE BALLROOM CORRIDOR AND CHESAPEAKE BALLROOM

Join colleagues from across the state in networking around topics of common interest. Start by picking up lunch in the corridor outside of the Chesapeake Ballroom and then joining a topical conversation inside. Topics will be listed on table stands.

1:40 – 2:50 PM

Interactive OER Workshops

Through a combination of presentations, demos, table discussions, and Q&A, participants will learn about strategies, resources, and tools to adopt and adapt existing OER or create new OER content. These interactive workshops are targeted by attendee role: faculty in “meta” disciplines, library staff, and instructional designers.

Faculty Workshop I: Arts & Humanities | GENERAL VESSEY SALON 2

For faculty in communications, creative writing, English, first year seminar, geography, history, journalism, linguistics, literature, media studies, performing arts, philosophy, theology, and visual arts.

David Buck, Professor of English, Howard Community College; *Bonni Miller*, Interim Director of Instructional Technology & Online Learning and Lecturer in English and Modern Languages, University of Maryland Eastern Shore; and *Alyson “Indy” Indrunas*, Director, Teaching & Learning, Lumen Learning; moderated by *Diana Zilberman*, Associate Dean for Academic Services, Baltimore City Community College

PROGRAM

1:40 – 2:50 PM

(CONTINUED)

Faculty Workshop II: Social Sciences, Education and Business | GENERAL VESSEY SALON 1

For faculty in accounting, anthropology, business, economics, education, law, marketing, political science, public safety, psychology, social work, and sociology.

Anjula Batra, Professor of Business, Howard Community College; **Katrina Kardiasmenos**, Associate Professor of Psychology, Bowie State University; and **Jamison Miller**, Director, Teaching & Learning, Lumen Learning; moderated by **Jürgen Hilke**, Executive Director, The Center for Distributed Learning, Frederick Community College and Chair, Board of Directors, MarylandOnline

Faculty Workshop III: Science, Technology, Engineering, and Math | ROOM 1105

For faculty in biology, chemistry, computer sciences, earth sciences, engineering, environmental sciences, information sciences and technology, mathematics, medicine and health sciences, physics, space sciences, and statistics.

Jesse Kiefner, Associate Professor, Mathematics, Community College of Baltimore County; **Deborah Devlin**, Lecturer, Mathematics, Frostburg State University; and **Josh Baron**, Executive Director, Northeast, Lumen Learning; moderated by **Buddy Muse, Jr.**, Associate Director, Distance Learning, Montgomery College

Library Staff Workshop | CHASEN FAMILY ROOM

Mark McBride, Library Senior Strategist, Office of Library and Information Services, State University of New York System Administration; **Ann Fiddler**, Open Education Librarian, City University of New York; and **Emily Medina**, Director, Learning Solutions Group and **Laureece Hymes**, Digital Rights Manager, both of UMUC

Instructional Designers Workshop | ROOM 0101

Rob Coyle, Learning Design Manager and **Caroline Egan**, Learning Design Manager, both of UMUC; and **Karen Rege**, Director for eLearning and Instructional Resources, Harford Community College and Board Member, MarylandOnline

2:50 – 3:05 PM

Break

3:05 – 4:00 PM

Closing Plenary: Next Steps: Implementing, Scaling, and Sustaining OER at Our Institutions | CHESAPEAKE BALLROOM

After a day of learning about the evolving landscape of OER and digging into OER by institutional roles, the closing plenary will allow institutional teams the opportunity to move the conversation to next steps. Where are we along the continuum of OER adoption? What myriad costs are associated with implementing OER? What kinds of support will we need to move forward?

MJ Bishop, Director, William E. Kirwan Center for Academic Innovation, USM and **Julie Porosky Hamlin**, Director, MarylandOnline

POSTERS

Posters 1-12: Course-Specific OER Adoption/Adaptation/Creation

Poster 1: Developmental Mathematics

Scott Saunders, Associate Dean, Mathematics and Engineering, Baltimore City Community College

Poster 2: General Psychology

Katrina Kardiasmenos, Associate Professor of Psychology, Bowie State University

Poster 3: Introduction to Sociology

Nelda McCray, Associate Professor of Anthropology and Sociology, Community College of Baltimore County

Poster 4: College Algebra and Developmental Math

Kamal Hennayake, Professor of Mathematics, Chesapeake College

Poster 5: General Psychology

Katherine Cameron, Associate Professor of Psychology and *Julie Manley*, Faculty of Psychology, both of Coppin State University

Poster 6: Chemistry 201

Peggy Biser, Associate Professor of Chemistry, Frostburg State University

Poster 7: College Algebra

Deborah Wiles Devlin, Lecturer, Mathematics Department, Frostburg State University

Poster 8: PSYC 100 - Introduction to Psychology

Scott Roberts, Director of Instructional Excellence & Innovation, Teaching & Learning Transformation Center, University of Maryland, College Park

Poster 9: Successful OER Adoption in a Business Curriculum

MaryBeth Furst, Professor of Business, Howard Community College

Poster 10: Increasing Student Engagement Using OER in Developmental English Courses

Karen Kyger, Associate Professor of English and *Sarah Johnson*, Assistant Professor of English, both of Howard Community College

Poster 11: ENGL-121 College Composition

David Buck, Professor of English and *Eric Belt*, Assistant Director, eLearning, both of Howard Community College

Poster 12: College Algebra & Trigonometry

Alketa Nina, Associate Professor of Mathematics and *Debbie Fries*, Assistant Professor of Mathematics, both of Wor-Wic Community College

Posters 13-18: Broad-Based OER Efforts

Poster 13: Supporting Anatomy & Physiology I & II through OER

Susan Brazer, Science Research and Instruction Librarian, Salisbury University

Poster 14: "Reply Hazy, Try Again Later": A SWOT Analysis of OER

Elizabeth Irtenkauf, Collection Development Coordinator and *Jean Boggs*, Reference & Instruction Librarian, both of Community College of Baltimore County

Poster 15: Creating Degree Pathways Using OER

Jessica Young, Assistant Director of The Center for Distributed Learning, Frederick Community College

Poster 16: MarylandOnline Leadership Institute - OER Collaboration Group

Colleen McKnight, Director of Library Services, Frederick Community College; *Jeremy Harvey*, Instructional Technologist, Baltimore City Community College; and *Jinsong Zhang*, Senior Instructional Designer, Graduate and Professional Studies, Stevenson University

Poster 17: HowardOpen

David Buck, Professor of English; *Eric Belt*, Assistant Director, eLearning; and *Nana Owusu*, Director, Library and Learning Commons, all of Howard Community College

Poster 18: Strategies to Engage Faculty in OER Implementation

Michael Mills, Vice President, E-Learning, Innovation, and Teaching Excellence and *Shinta Hernandez*, Department Chair, Sociology, Criminal Justice, Anthropology, both of Montgomery College

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William E. Kirwan Center for Academic Innovation, University System of Maryland |

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The William E. Kirwan Center for Academic Innovation was established in June 2013 to capitalize on recent findings from the learning sciences and the capabilities of emerging technologies to increase access, affordability, and quality of higher education. The Kirwan Center's charge is to identify best practices in academic innovation and facilitate efforts to take them to scale across the University System of Maryland.

MarylandOnline

MarylandOnline is a consortium of community colleges and senior institutions in the state of Maryland. The organization was founded to promote and support the distance learning communities of its member colleges.

University of Maryland University College | 🐦 @UMUC

Now commemorating its 70th anniversary, UMUC is a world leader in innovative educational models. Its award-winning online programs, in disciplines including biotechnology, cybersecurity, data analytics, and information technology, are in high demand in today's increasingly technical, global workplace. UMUC offers open access with a global footprint and a specific mission — to meet the learning needs of students whose responsibilities may include jobs, family, and military service. A pioneer in distance education since 1947, UMUC today is harnessing the power of learning science and technology to deliver high quality, low cost, accessible higher education. In 2015, UMUC's Undergraduate School completed the transition from costly publisher textbooks to primarily open educational resources, saving students an estimated \$17 million in the first year alone and earning positive media attention and several awards, including the Presidential Award from the Open Education Consortium and a WCET Outstanding Work (WOW) honor. The Graduate School completed a similar transition in 2016.

Learn more at umuc.edu.



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