



# TEACHING WITH OER

Using the 5Rs to improve learner success



# Jessica Young – Frederick Community College

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- Assistant Director of Distributed Learning
- Adjunct Faculty, Education
- Mentor for MOLLI OER annual projects
- [Jyoung@Frederick.edu](mailto:Jyoung@Frederick.edu)



# OER Development Initiative at FCC

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- 2013 Early Adoptions
  - 4 courses (Processes and Acquisitions of Reading, Human Growth and Development, Business Communications, and Foundations of Mathematics)
- 2014 – 2016 Faculty professional development to spread awareness
  - Introductory Workshops
  - Development of an Intro to OER course
  - Stipends for research and adoptions
- 2017 – 2019 OER Development Initiative
  - Internal and external grant awards to support adoptions
  - 40+ courses offered using OER (160+ sections)
  - 2 Full program pathways available in an OER track

## FCC OER Development Initiative Impact

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- 2,000+ students
- Over \$200,000 saved

# MOLLI OER Annual Projects

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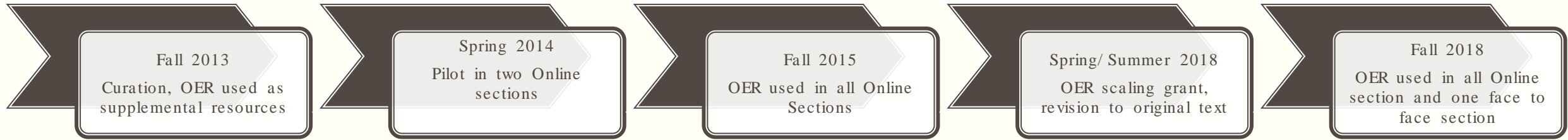
- 2017 – Increase collaboration and sharing of OER between Maryland Colleges and Universities
  - 2018 MO.S.T summit presentation
  - Created the MOLLI OER site on OER Commons
- 2018 – Create a communication plan to help spread OER awareness to faculty at institutions where OER has not yet been adopted
  - A mixed cohort presentation at AFACCT
  - Guest speakers at faculty professional development events



# OER in Human Growth and Development

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# Teaching with OER?

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# The 5's of OER

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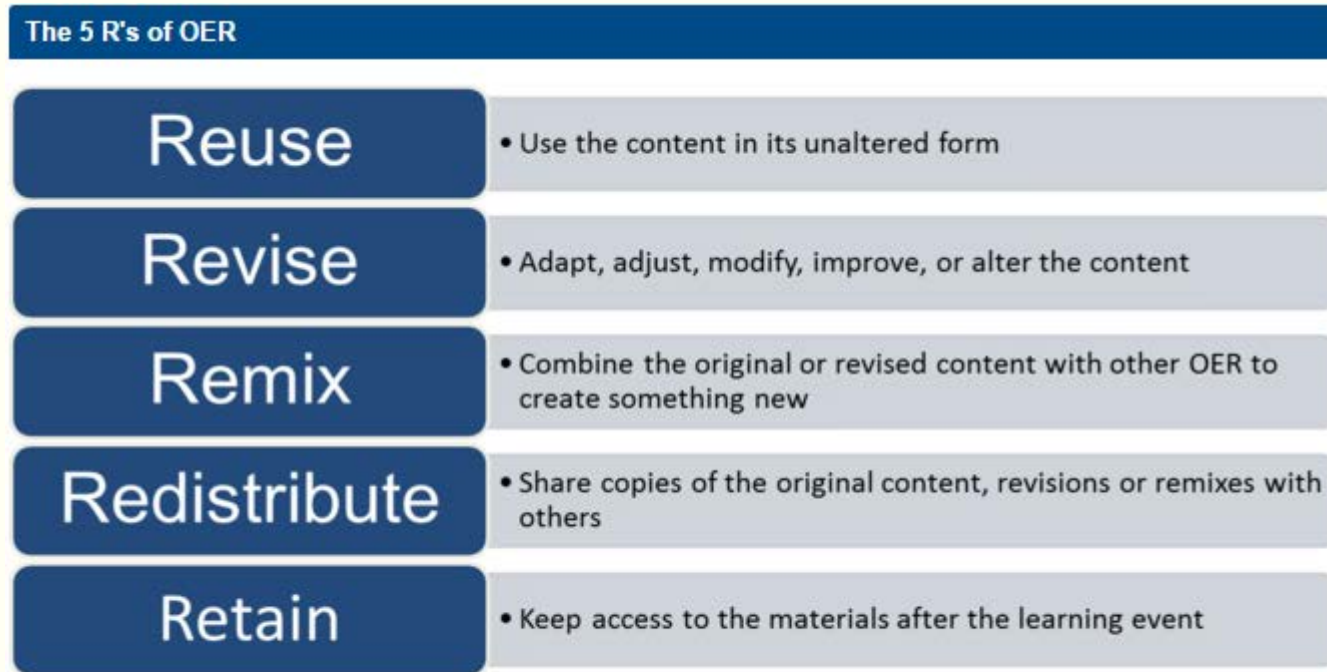
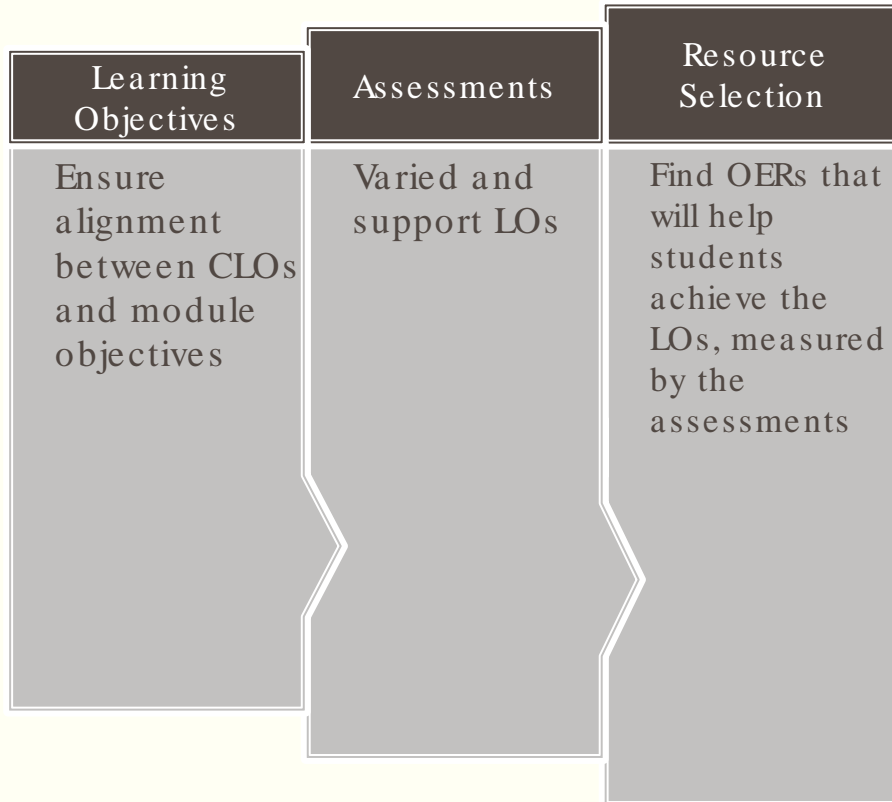


Image adapted from Lumen Learning. (2014). Slide Show Presentation Open Education in the MOST Pilot Program.


# OER adoption process



## HUMAN GROWTH AND DEVELOPMENT

jyoung

READ

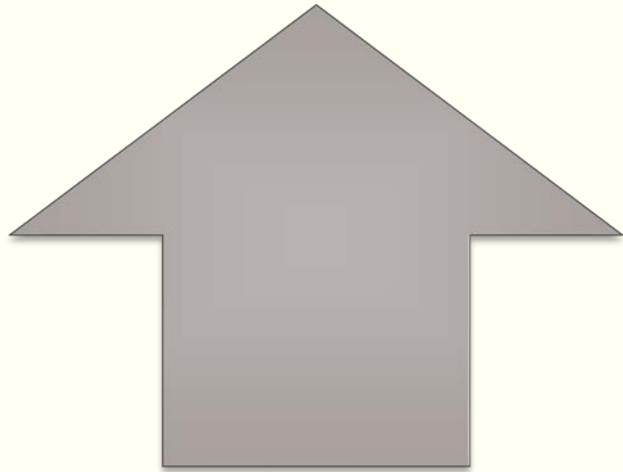


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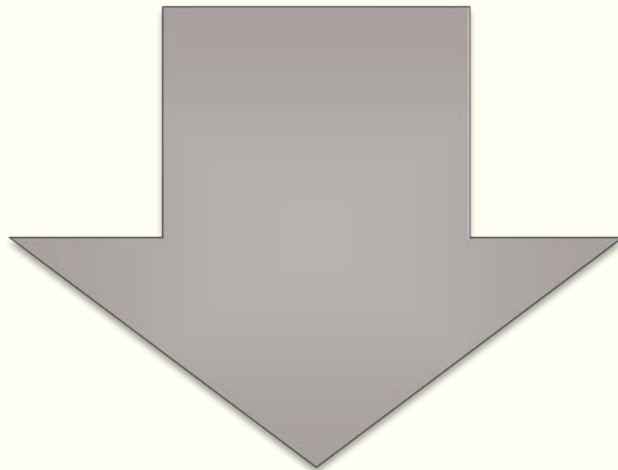
<p><b>Chapter 1: Lifespan Development</b></p> <ul style="list-style-type: none"> <li>What is Lifespan Development?</li> <li>Lifespan Theories</li> </ul>	<p>Introduction</p> <p>Cognitive Development</p> <p><b>Chapter 7: Memory</b></p> <ul style="list-style-type: none"> <li>Introduction</li> <li>How Memory Functions</li> <li>Parts of the Brain Involved with Memory</li> <li>Problems with Memory</li> <li>Ways to Enhance Memory</li> </ul>	<p>Introduction</p> <p>What is Personality?</p> <p>Freud and the Psychodynamic Theory</p> <p>Neo-Freudians: Adler, Erikson, Jung, Horney</p> <p>Learning Approaches</p> <p>Humanistic Approaches</p> <p>Biological Approaches</p> <p>Trait Theorists</p> <p>Cultural Understanding of Personality</p>
<p><b>Chapter 2: Research in life-span development</b></p> <ul style="list-style-type: none"> <li>Research in life-span development</li> <li>Why is research important?</li> <li>Approaches to research</li> <li>Ethics in research</li> </ul>	<p><b>Chapter 8: Information Processing</b></p> <ul style="list-style-type: none"> <li>Theory of Mind</li> <li>Information Processing</li> </ul>	<p><b>Chapter 14: Moral Development and Social Influences</b></p> <ul style="list-style-type: none"> <li>What is Social Psychology?</li> <li>Attachment</li> <li>Self-Concept</li> <li>Self-presentation</li> </ul>
<p><b>Chapter 3: Biological Foundations of Development</b></p> <ul style="list-style-type: none"> <li>Introduction to Biopsychology</li> <li>Human Genetics</li> <li>The Nervous System</li> </ul>	<p><b>Chapter 9: Learning</b></p>	

# Impact to teaching and learning

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- Preparation time
- Engagement
- Persistence
- Enrollment



- Overall cost of the degree program
- Students who did not have access to required resources
- D/ F rates
- Bookstore staff ☹️

# Reflections from Faculty

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“ I wish I was aware of the time commitment to curate OER for my course. With so many resources out there it was difficult to stay focused on the task at hand.”

“Freedom..I finally felt in control of the content I was delivering to my students.”



Image Credit: NASA licensed in the public domain

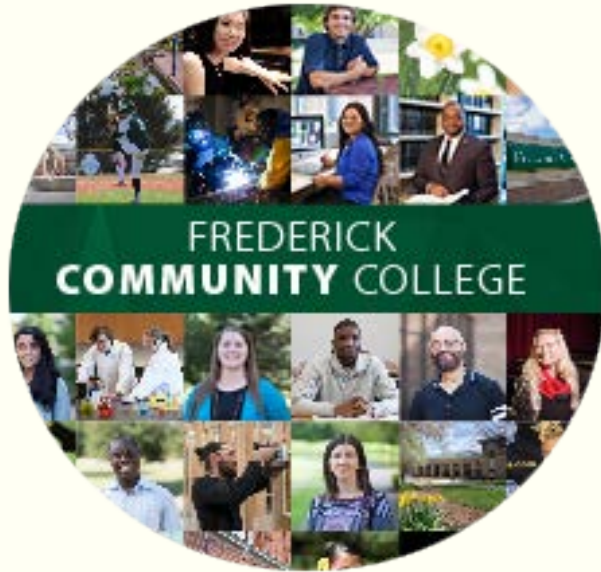
“I was able to meet students where they are at and easily make changes to the resources when necessary.”

“OERs allowed me to engage with the students better since I was learning the delivery of the content with them. The variety of resources used in my class (videos, websites, articles, etc.) increased exponentially.”

“Using a digital resource in my face to face class was challenging. It was hard to tell if the students did the reading at all.”

# Student Surveys

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“ I dropped two classes last semester because the books cost a lot. Reading a book Online was hard but I was happy that I didn’t have to buy another book.”

“When will other professors start using free textbooks???”

“I prefer having a print copy. It was a pain to printed every page.”

# Feedback and analytics from OER courses to improve teaching and learning

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- General Education Outcomes assessment project
- Faculty and student surveys
- Efficacy studies to investigate differences

What information/data would be most valuable to you to transition your teaching when using OER?

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# Resources for early adopters

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<http://guides.frederick.edu/OER>

