The Campus Alberta Open Educational Resources (OER) Initiative is designed to assist with reducing the costs of post-secondary education for students and provide students and faculty members with the flexibility they need; offering updated, relevant content for learning. Freely available online OER opens up unlimited access to quality international educational content.

This section of the report will evaluate the outcomes of the Campus ABOER Initiative and efforts of ABOER funded projects. The colors in the charts below match the first chart on page 2, “Funding Distribution by Project Type”. Content in the timeline below without color-coding reflects work by the Alberta OER Team within the 12% administration budget.

**LEARNER IMPACT**
- Development Projects
- Adoption Pilot Projects
- Awareness Projects
- First Nations College Support
- Alberta OER Repository
- Alberta OER Summit
- Peer Reviews

**COST SAVINGS**

**COLLABORATION**

**AWARENESS**

**SUSTAINABILITY**

**Timeline:**
- July - Dec 2014: Community of Practice Development (stakeholder assessment, speaking engagements, webinars, toolkits, etc.)
- Jan - June 2015: Alberta OER Summit
- July - Dec 2015:
  - Development Projects
  - Awareness Projects
- Jan - June 2016:
  - Environmental Scan 1
  - Adoption Pilots
  - FN College Support
- July - Dec 2016:
  - Alberta OER Repository
  - Peer Reviews
- Jan - July 2017:
  - Program Evaluation

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FUNDING DISTRIBUTION

Distribution of Funding by Project Type

- Development Projects: $1,277,537.62 (72.6%)
- Adoption Pilot Projects: $196,296.95 (11.2%)
- Awareness Initiatives: $131,832.85 (6.6%)
- Alberta OER Summit: $67,347.58 (3.8%)
- Alberta OER Repository: $47,985.00 (2.7%)
- First Nations College Support: $30,000.00 (1.7%)
- Peer Reviews: $9,000.00 (0.5%)

Total Funding Distribution: $1,760,000

Distribution of Funding by Institutional Type

- Comprehensive Academic and Research Institutions: $888,938.19 (54.0%)
- Comprehensive Community Institutions: $536,020.80 (32.6%)
- First Nations Colleges: $144,400.00 (8.8%)
- Baccalaureate and Applied Studies Institutions: $55,208.43 (3.2%)
- Polytechnical Institutions: $13,000.00 (0.8%)
- Independent Academic Institutions: $7,100.00 (0.4%)

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## OUTCOMES BASED EVALUATION

### Development, use and, assessment of open educational resources

| Foster awareness and use of open educational resources as a strategy for reducing student costs related to textbook purchases | ABOER projects (6.6%, $131,832.85) had primary objectives of raising awareness of open educational resources  
Awareness efforts included open online webinars, conference presentations, education consultations and toolkit collaborations  
Alberta OER Summit will follow 3 other institutionally-led ABOER-funded events drawing provincial attendance 2016-2017  
$30,000 (1.7%) allocated to First Nations College Support resulted in increased institutional capacity to develop and use OER |
|---|---|
| Fund pilot projects related to selecting, adapting, using and evaluating open educational resources in post-secondary classrooms | ABOER projects (83.3%, $1,473,834.57) had primary objectives of reducing student costs by integrating OER in courses  
Projects funded include OER Development Projects (17), OER Adoption Pilots (21), Awareness Initiatives (6), Peer Reviews (18), and First Nations College Support. |
| Explore the use of open licensing frameworks such as Creative Commons, in the development of open educational resources | All projects funded by ABOER required the use of open licensing; CC-BY or CC-BY-SA  
All content published and/or shared by ABOER has been CC-BY licensed  
ABOER Starter Kit, accompanying webinar, and ABOER resources page include how-to support on open licensing |
| Support capacity development for the sustainable development of quality learning materials | Capacity building became a stronger focus in Phase II project awards and the efforts of the Alberta OER team  
Community of Practice led to a working committee to contribute to program evaluation and planning of Alberta OER Summit  
Adoption Pilot projects (11.2%, $196,296.95), included an allocation of 25% capacity development funding per project  
First Nations College Support (1.7%, $30,000) efforts supported capacity building |
| Foster strategic partnerships within Alberta and with other jurisdictions for the innovative development, use and assessment of open educational resources | Counsel from BCcampus throughout initiative lifespan has allowed for growth in strategic maturity in the Alberta OER team  
Canada OER monthly calls led to collaboration and information sharing among provinces and national project opportunities  
Funding (1.7%, $30,000) was allocated for First Nations College Support model with Alberta First Nations Colleges  
Awards deliberation processes actively sought collaborative opportunities in funding applications to support growth of the Alberta OER community; connecting past project leads with applicants, etc.  
OER Development and Adoption Pilot projects resulted in collaborative projects among institutions |
| Support communities of practice on open educational resources | Alberta OER Community of Practice actively draws faculty engagement across Alberta  
Planning the Alberta OER Summit is supported by a planning committee including 18 representatives from across Campus Alberta and First Nations Colleges  
Program Evaluation conducted with a working committee sourced from the Alberta OER Community of Practice |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Activities which enhance the long-term impact of the Minister’s investment and the sustainability of the open educational resources movement.</strong></td>
<td></td>
</tr>
</tbody>
</table>
| Managing a peer review granting program | Peer Reviews are published on the AlbertaOER.com website and shared with the OER creator  
Peer Review Fund (0.5%, $9,000) contributed to the assessment and published peer review of global OER  
Peer Review program required Alberta OER team evaluation of peer review submissions prior to publication |
| Managing an adoption pilot granting program | Adoption Pilot projects (11.2%, $196,296.95), included an allocation of 25% capacity development funding per project |
| Establishing a repository for Alberta open educational resources, potentially in partnership with another jurisdiction | Repository contract with BCcampus is in place from May 2016 - 2018  
Open resources developed through ABOER funding are published to the Alberta OER Repository collection  
Copy-editing and coordination of upload by the Alberta OER team ensured accurate licensing and open access formatting  
Repository contract also includes pilot for public submission of OER |
| Developing and releasing toolkits to support post-secondary institutions to build their capacity to implement and benefit from open educational resources | ABOER Champions Toolkit and OER Starter Kit are published to the AlbertaOER.com website  
Peer review and contribution of OER Toolkits are encouraged and actively sought  
Toolkits continue to be presented by the Alberta OER team at various professional development events |
| Maintaining a website for public and stakeholder communication | AlbertaOER.com includes Alberta OER Repository, Peer Reviews, Toolkits, webinars, and how-to resources  
A revision to the website is drafted to heighten the online presence of the Alberta OER Community of Practice  
Articles on each ABOER project have been published to the AlbertaOER.com website throughout the lifecycle of the initiative |
| Initiating an Alberta open educational resources community of practice | Alberta OER Community of Practice, launched Sept 2016, actively draws faculty engagement from across Alberta with an objective of openly sharing knowledge and facilitating cross-institutional collaboration  
Community of Practice members are actively engaged in the planning of the Alberta OER Summit (May 11, 2017)  
Members also supported planning and research for Alberta OER Program Evaluation (Mar 31, 2017) |

Left column items above are direct excerpts from the Campus Alberta OER Initiative Proposal; Schedule A, Alberta Advanced Education Grant Agreement dated March 31, 2016.
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<tr>
<th>Original Text Costs</th>
<th>Fall 2016</th>
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<th>Post</th>
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<th>Forecast (1 yr)</th>
<th>Forecast (5 yrs)</th>
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<th>Course Impact</th>
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<td>University nuhelot’jne thayots’j istameyimakanak Blue Quills</td>
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<td>Medicine Hat College (MHC)</td>
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<td>GLGY401 GLGY441 GLGY503</td>
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</table>

Note: numerous adoption pilots reported institutional cost savings in addition to or instead of student savings

Cost savings in Table 1 represents a sum of both institution and student saving opportunities.
<table>
<thead>
<tr>
<th>Institution</th>
<th>Pre</th>
<th>Post</th>
<th>Enrolment</th>
<th>Cost Savings 1 year</th>
<th>Cost Savings 5 years</th>
<th>Cost of OER Development</th>
<th>Institution / OER Title</th>
<th>Courses</th>
<th>Forecasted</th>
<th>Other</th>
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<tbody>
<tr>
<td>University of Alberta, Mount Royal University</td>
<td>$230.00</td>
<td>$0.00</td>
<td>180</td>
<td>$41,400.00</td>
<td>$207,000.00</td>
<td>$54,000.00</td>
<td>Open Genetics Textbook + Digital Exercises</td>
<td>BIOL2101</td>
<td>Molecular BIO 2202, Principles Ecology and Evolution 2213, Molecular Genetics 3103, Intermediate Cell Bio 3102, Evolutionary Bio 3106</td>
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<td>Creative Clinical Teaching in Health Professions: Open Access Textbook</td>
<td>$70.00</td>
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<td>MHST 623, MHST 624</td>
<td>MHST 625 Personalizing Learning Through Collaborating and Mentoring in Health Care Environments</td>
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<td>OER Textbook on Occupational Health and Safety</td>
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<td>$146,844.00</td>
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<td>HADM315, HADM326</td>
<td>HADM 3XX: Health Communication</td>
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<td>Beginner Spanish OER</td>
<td>$185.00</td>
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<td>434</td>
<td>$80,290.00</td>
<td>$401,450.00</td>
<td>$121,000.00</td>
<td>SPAN 200, SPAN 201</td>
<td>1st semester Spanish courses Partial use in 2nd and 3rd years</td>
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<td>University of Alberta, Mount Royal University</td>
<td>$775.93</td>
<td>1,950</td>
<td>$269,588.73</td>
<td>$1,347,943.63</td>
<td>$300,000.00</td>
<td>&quot;To provide a clear sampling of cost recovery related to OER development (above), 10 OER development projects were removed (listed below)&quot;</td>
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</table>

Institution

- University of Alberta
- Olds College
- Athabasca University
- Medicine Hat College
- University of Calgary
- Bow Valley College
- University of Calgary, Mount Royal University
- Bow Valley College, NorQuest College
- Athabasca University
- Athabasca University
- Mount Royal University
- Athabasca University

OER Title

- OER Interactive Physics Simulations
- Workplace Communications Open Curriculum
- Intermediate Financial Accounting I and II OER Tutorial
- Microbiology Textbook / CMMB 250 Microbiology
- Open Logic Textbook
- Improving Reading Skills for Success in Postsecondary Education
- OER for Introductory Mathematics Courses
- In the Workplace: An Intermediate Integrated Skills Textbook
- Rocket Scientists' Guide to Money and the Economy
- Building In-service Teacher OER Capacity for Graduate Credit
- Open Source Textbook in Applied Logistics Management
- Open Physical Geography Course

OER Development funded by ABOER

- $80,501.00
- $200,000.00
- $20,000.00
- $21,473.85
- $43,000.00
- $64,800.00
- $39,623.19
- $200,000.00
- ESL textbook
- Partially funded; still in development
- Partially funded; still in development
Table 3: Cost Recovery of Adoption Pilot Program

<table>
<thead>
<tr>
<th>Cost Component</th>
<th>Amount</th>
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<tbody>
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<td>$200,000 invested in Adoption Pilots will recover</td>
<td>$1.76M in 2</td>
</tr>
<tr>
<td></td>
<td>years</td>
</tr>
<tr>
<td>ABOER grant funding</td>
<td>$1,760,000.00</td>
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<tr>
<td>Savings forecasted over 5</td>
<td>$5,534,398.89</td>
</tr>
<tr>
<td>Savings forecasted per year</td>
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</tr>
<tr>
<td>$1.76M divided by savings per year</td>
<td>1.7418361673</td>
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</tbody>
</table>