Preliminary Outcomes
October 2014 – September 2019
Grant Years 1-5 of the U.S. Department of Education
Title III Strengthening Institutions Program funding
What is STLR?

STLR is how UCO tracks our progress towards our mission of providing transformative educational experiences to students, across our core tenets.
What is STLR?

UCO students have experiences, both in and out of class, critically reflect on those, and may have an expansion of perspective or worldview as a result.
What is STLR?

STLR encourages, records, and measures the impact of these experiences on students at 3 levels. Those STLR “credits” display on students’ STLR Snapshots.
Involvement in STLR
Student Attendance at STLR Events
(N=52,506 Swipes / 874 Events)

# OF CARD SWIPES

YEAR 2 (2015-2016): 5,346
YEAR 3 (2016-2017): 8,671
YEAR 4 (2017-2018): 12,815
YEAR 5 (2018-2019): 17,344
Enrolled Students with any STLR Experience (as of each fall census date)

YEAR 1 - 18% (FALL 2015)
- High STLR: 1,122
- Low STLR: 1,904
- No STLR: 13,892

YEAR 2 - 34% (FALL 2016)
- High STLR: 3,374
- Low STLR: 2,265
- No STLR: 10,798

YEAR 3 - 29% (FALL 2017)
- High STLR: 2,898
- Low STLR: 1,699
- No STLR: 11,382

YEAR 4 - 54% (FALL 2018)
- High STLR: 4,974
- Low STLR: 3,359
- No STLR: 7,060

YEAR 5 - 63% (FALL 2019)
- High STLR: 5,874
- Low STLR: 3,468
- No STLR: 5,479
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<thead>
<tr>
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<tbody>
<tr>
<td>Business</td>
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<td>109</td>
<td>174</td>
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<td>324</td>
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<tr>
<td>Education</td>
<td>75</td>
<td>240</td>
<td>294</td>
<td>429</td>
<td>694</td>
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<tr>
<td>Fine Arts &amp; Design</td>
<td>6</td>
<td>25</td>
<td>51</td>
<td>68</td>
<td>150</td>
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<tr>
<td>Liberal Arts</td>
<td>54</td>
<td>172</td>
<td>258</td>
<td>252</td>
<td>405</td>
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<tr>
<td>Math &amp; Science</td>
<td>28</td>
<td>120</td>
<td>201</td>
<td>228</td>
<td>340</td>
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<tr>
<td>Forensic Science</td>
<td>6</td>
<td>32</td>
<td>53</td>
<td>54</td>
<td>89</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>202</strong></td>
<td><strong>666</strong></td>
<td><strong>978</strong></td>
<td><strong>1,232</strong></td>
<td><strong>2,011</strong></td>
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<tr>
<td>(% of UCO Grads)</td>
<td><strong>9%</strong></td>
<td><strong>25%</strong></td>
<td><strong>37%</strong></td>
<td><strong>47%</strong></td>
<td><strong>78%</strong></td>
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<td>-----------</td>
<td>-----------</td>
</tr>
<tr>
<td>Business</td>
<td>2</td>
<td>11</td>
<td>3</td>
<td>1</td>
<td>43</td>
</tr>
<tr>
<td>Education</td>
<td>10</td>
<td>27</td>
<td>53</td>
<td>85</td>
<td>181</td>
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<tr>
<td>Fine Arts &amp; Design</td>
<td>2</td>
<td>2</td>
<td>7</td>
<td>9</td>
<td>19</td>
</tr>
<tr>
<td>Liberal Arts</td>
<td>3</td>
<td>25</td>
<td>18</td>
<td>38</td>
<td>60</td>
</tr>
<tr>
<td>Math &amp; Science</td>
<td>1</td>
<td>3</td>
<td>11</td>
<td>10</td>
<td>14</td>
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<tr>
<td>Forensic Science</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
<td><strong>68</strong></td>
<td><strong>92</strong></td>
<td><strong>150</strong></td>
<td><strong>329</strong></td>
</tr>
<tr>
<td>(% of UCO Grads)</td>
<td>(3%)</td>
<td>(12%)</td>
<td>(16%)</td>
<td>(28%)</td>
<td>(61%)</td>
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## STLR Trained Employees

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>Full-Time Faculty</td>
<td>44</td>
<td>125</td>
<td>88</td>
<td>64</td>
<td>48</td>
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<tr>
<td>Adjunct Faculty</td>
<td>74</td>
<td>32</td>
<td>23</td>
<td>29</td>
<td>21</td>
</tr>
<tr>
<td>Full-Time Staff</td>
<td>65</td>
<td>49</td>
<td>29</td>
<td>30</td>
<td>37</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>144</strong></td>
<td><strong>206</strong></td>
<td><strong>140</strong></td>
<td><strong>123</strong></td>
<td><strong>103</strong></td>
</tr>
</tbody>
</table>
Descriptive Statistics
Achievements Awarded by Tenet
Fall 2014 - Fall 2019

- Global & Cultural Competencies: 23%
- Health & Wellness: 23%
- Leadership: 18%
- Research, Creative & Scholarly Activities: 11%
- Service Learning & Civic Engagement: 25%

N = 98,738

*Includes both “Low STLR” swipe events and “High STLR” assessments of submitted artifacts
STLR Achievement Level Frequencies*
Fall 2014 - Fall 2019

- Exposure: 9%
- Integration: 4%
- Transformation: 87%

N = 98,738

*Includes both “Low STLR” swipe events and “High STLR” assessments of submitted artifacts
STLR Achievement Levels on Submitted Artifacts*
Fall 2014 - Fall 2019

Exposure
Integration
Transformation

N = 27,422

*Includes only “High STLR” engagements where students created a learning artifact assessed using STLR rubrics.
Graduates Awarded Transformation

Number of Graduates

# of Unique Grads (% of UCO Grads)

# of Transformations

- Fall 2015: 11 (0%)
- Spring 2016: 42 (3%)
- Fall 2016: 82 (8%)
- Spring 2017: 152 (11%)
- Fall 2017: 286 (16%)
- Spring 2018: 149 (13%)
- Fall 2018: 297 (16%)
- Spring 2018: 570 (13%)
- Fall 2018: 198 (16%)
- Spring 2019: 224 (21%)
- Fall 2019: 736 (20%)
- Spring 2019: 292 (20%)
- Fall 2019: 535 (17%)
- Spring 2020: 325 (17%)
- Fall 2020: 841 (16%)

Data: Student Transformative Learning Record
STLR Impacts
I feel that my teaching is improving.

I feel my students are learning at deeper levels with transformative learning.

I felt my students learned more and I have evidence to support this claim.

I felt my students learned more with transformative learning.

I feel my students are learning at deeper levels with transformative learning.

I feel that my teaching is improving.

Su2019 Faculty Response to “After attending STLR Training…”

Statement Percent Agree or Strongly Agree

I acquired new knowledge or modified my existing knowledge about transformative learning. 85%

I felt my students learned more with transformative learning. 80%

I felt my students learned more and I have evidence to support this claim. 61%

I feel my students are learning at deeper levels with transformative learning. 76%

I feel that my teaching is improving. 74%

(N=46)
UCO Retention Trends - STLR
First-Time, Full-Time Freshman

<table>
<thead>
<tr>
<th>Year</th>
<th>STLR Assessed</th>
<th>Non-STLR Students</th>
<th>UCO Cohort Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>73</td>
<td>62</td>
<td>52</td>
</tr>
<tr>
<td>2016-2017</td>
<td>78</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>2017-2018</td>
<td>76</td>
<td>44</td>
<td>62</td>
</tr>
<tr>
<td>2018-2019</td>
<td>79</td>
<td>42</td>
<td>68</td>
</tr>
</tbody>
</table>

Linear trends:
- Linear (STLR Assessed)
- Linear (Non-STLR Students)
- Linear (UCO Cohort Overall)
UCO Retention by STLR Engagement
First-Time, Full-Time Freshman

Cohort 1 (2015-2016) N=2,261
Cohort 2 (2016-2017) N=2,173
Cohort 3 (2017-2018) N=1,983
Cohort 4 (2018-2019) N=1,776

% Retained (Fall to Fall)

Cohort 1: 70†, 52
Cohort 2: 68†, 50
Cohort 3: 61†, 44
Cohort 4: 63†, 42

† Results are statistically significant at p<.001
* “Low STLR”: Engaged only through attending STLR-tagged events and automatically assigned lowest level of achievement (“exposure”); “High STLR”: Created a learning artifact assessed using STLR rubrics.
Semester GPA by STLR Engagement

Title III Priority Population* First-Time, Full-Time Freshman Cohort 3 (N = 1,387), Cohort 4 (N = 920)

† Results are statistically significant at p<.001

* Low socio-economic status, first generation, underrepresented minorities.

** “Low STLR”: Engaged only through attending STLR-tagged events and automatically assigned lowest level of achievement (“exposure”); “High STLR”: Created a learning artifact assessed using STLR rubrics.
UCO 4-Year Graduation Rate
Fall 2015 – Spring 2019

The 4-year graduation rate of STLR-engaged students in December 2019 was over 10 times higher than students with no STLR credit at UCO.
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