The Magic of Student Learning & Participation: What Does The Evidence Show

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PROJECT BACKGROUND

- **Orientation to Health Science**
- History of health care
- Organizational structure
- Healthcare systems, inter and intra-relationship,
- Regulatory and licensure requirements.
- Goal setting, time management, test-taking skill .

- **Brief description of OER project/initiative**
- College of Health Professions, College of Art, Sciences, & Education, College of Behavioral & Social Science and College of Business.
- **Objectives/goals of project/initiative**
- Eliminate cost of textbook for students
- Reduce student anxiety
- Increase student engagement/participation
- Reduce missed assignment & test
- Reduce faculty burnout

IMPACT (CON'T.)

- Increase easy access to course material of first day of school
- Different leaning style
- 99% of student complete the course
- Increase student engagement and performance
- Increase student participation
- Decrease student absent rate in class
- Decrease none submission of class assignment
- Increase test scores
- Improve student writing: (Reflective statement)

- **Impact on teaching practice**
- Innovation
- Technical
- Student accessibility
- Different learning style

IMPLEMENTATION

- Adapt: Each Program Learning Outcome
- Adopt: Student Learning Outcome (SLO)

- **External sources of support**: Creative Common, OER Commons, MERLOT. Khan Academy, Open Textbook Library, Saylor Academy open textbooks NBC learn & Google Scholar.

- **Professional development**: Coppin State University

- **Internal sources of support**: Instructional designers' staff (CSU)

- **New resources, & tools**:
- Muddiest point, Flipgird, YouTube videos, NBC learn, Nearpod quizlet, Kahoot etc.

LESSONS LEARNED

- **Successes**
- Increase student retention
- Improve student participation
- Reduce student none submission of assignment

- **Challenges**
- Student acceptance to (OER)
- Self -selection biases of professor
- Selection bias of the professor
- Omitted variable biases of the professor
- Missing video links or course documents

- **Recommendations**
- **Check class resource**
- Be open to change
- Attend OER conferences
- Share Ideas

- **What would you have done differently or done the same way?**

- Attend OER conferences & Seminars
- Use Program learning outcome/Student learning outcome

IMPACT

- Number of faculty: Two
- Students: Sixty
- Sections: Two
- Courses impacted most recent semester: (Three semesters)
- (67 x 60 = $4,020 (Fall 2019 semester)
- (67 x 58) = $ 3,886(Spring 2018)
- (65 x 49) = $ 3, 283) (Fall 2018)
- (67 x 9) = $ 603 (Summer 2019)

- **Total: $ 11,792**

FUTURE PLANS

- Seek grant funding
- Write grants to implement more OER courses for CSU
- Attend OER conference and seminars
- Continue to attend Instructional design camps both internally and externally
- Record the use of OER student before start of school