

## Workshop for Distance Learning Programs in STEM: Experiences, Challenges, and Solutions

April 6-7, 2018

University of Nevada, Las Vegas (UNLV)

### Overview

Nationally, the need for STEM workers is increasing rapidly. Students from Generations Y and Z are already at ease with online learning technologies. Universities need to deliver STEM curricula using distance learning to embrace broader participation in STEM education.



As the number and versatility of technological distance learning tools steadily increases, STEM faculty can offer courses and degree programs online, or in a hybrid format consisting of online lecture portions, face-to-face discussions, and hands-on experiences.

**This workshop provides a forum for faculty, especially those from *public Minority Serving Institutions (MSIs)*, to understand the means for migrating programs to a distance learning mode.**

### Who Should Attend

Experienced STEM faculty as well as those considering adopting the technology, especially faculty from the Southwest and those teaching in universities with significant number of underrepresented students.

**Register at <https://tinyurl.com/unlvdistlearn>  
by March 9, 2018**

**To be considered for financial travel support, you must register by  
February 5, 2018**

## Goals

The workshop aims to spur faculty interest in developing effective distance learning programs to fit the needs of the curriculum and students, with the goal of *achieving student learning outcomes*.

## Topics

- Factors that lead to success of distance learning;
- Challenges faced by experienced faculty and how they overcame them;
- Students' perception of online courses;
- Meeting goals of STEM education using distance learning;
- Assessment of STEM courses delivered through distance learning;
- Review of technology and course development tools that are suited for STEM fields.



## Outcome

Development of lesson plans for a course of choice with the help of experts

## Financial Travel Support

Financial support for travel and lodging is available for some qualified faculty. To be considered, you must register by February 5, 2018, and express your desire for support on the registration form. Financial support is not guaranteed.

## Questions

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