VI STEM Institute 2016-2017

Summer Training Schedule
The VI Institute for STEM Education Research and Practice (VI-ISERP), also known as the STEM Institute, will provide teacher-training programs for STEM teachers in the USVI. These programs involve yearlong activities that begin with training during summer workshops. These workshops are open to secondary mathematics, science teachers, technology coordinators, and VI STEM leaders and administrators.

Overview

Week 1: (June 20-24: Entire Day): PBL for Culturally Responsive STEM learning
Week 1: (June 20-24: Afternoons): Tech-in-STEM training on coding and computing for secondary STEM teachers with online prerequisite modules
Week 2 (June 27-July 1: Entire Day):
  Integrated STEM Learning with Relevant Mathematical & Scientific Modeling and Technologies
Fridays: (June 24 and July 1st: Entire Day): STEM Leadership Summit and Mentor Teacher Training

WEEK 1 (June 20-24): PBL for Culturally Responsive STEM learning
9AM-12PM  Morning session – Hands-on-PBL in action from teacher perspective. Interdisciplinary examination of project themes with relevant local practices from mentor teachers and participants. Collaborative design and analysis of IBL lessons and PBL projects using Culturally Responsive STEM practices.
12PM-1PM  Lunch
1PM-4PM  Afternoon session – PBL Training theory and practices.
4PM-4:30PM  Participant Reflections

WEEK 1: (June 20-24): Tech-in-STEM training on coding and computing for secondary STEM teachers
1:00PM-4:30PM  Local instructional technology support training for selected middle and high school teachers. Participants will receive training to become instructional resource teachers on integrating coding, technology, and problem solving into math and science education. Trained teachers will participate in the yearlong follow-up activities with online components. The emphasis will be on integrating coding and programming in secondary STEM education. For further information contact alewit@uvi.edu. The interested applicants should complete a set of prerequisite screening tasks that will be made available online.

WEEK 2 (June 27-July1): Integrated STEM learning using PBL with Relevant Mathematical and Scientific Modeling and Technologies
9AM-12PM  Morning session – Advanced STEM Perspectives on the collaborative project themes Integrated STEM learning with Relevant Mathematical and Scientific Modeling and Technologies
12PM-1PM  Lunch
1PM-4PM  Afternoon session – PBL unit design and implementation plans
4PM-4:30PM  Participant Reflections

Fridays – Leadership/Mentor Teacher Training
On June 24 and July 1st:
9AM-12PM  Morning session – Project groups present for the administrators
  Follow-up group discussions on:
    Implementing interdisciplinary PBL units in schools
    Effective Support structures; Promising collaborative arrangements
    among teachers; Administrator reflections and feedback on the
    implementation
12PM-1PM  Lunch
1PM-4PM  Afternoon session – Research integration/Teacher presentations/feedback.
4PM-4:30PM  Participant Reflections

For additional information please contact:

  Dr. Celil Ekici (celil.ekici@uvi.edu) - for St. Croix
  Dr. Nastassia Jones (nastassia.jones@uvi.edu) - for St. Thomas/St. John - or
  Ms. Kamaria Alexander (kamariaalexander@gmail.com)

**DEADLINE: May 20, 2016, or until slots are filled.**

04/26/16