

Transforming Undergraduate Education in STEM Through Culturally Relevant Pedagogy and Community Engagement



Community Learning Exchange 1

Date: January 24, 2020

Time: 8:30-12:30

Place: Quinta Mazatlán, 600 Sunset Dr, McAllen, TX 78503

Focus: Critical Self Awareness

Faculty will:

1. Learn to write an autoethnography based on hopes and dreams, to build the skill set to guide students in writing their “story”, connecting it to science, higher education, progress, success, etc.
2. Engage in critically assessing the role of an Hispanic Serving Institution (HSI)

Agenda:

8:30 a.m. Breakfast, Welcome and Opening Remarks

9:00 a.m. Workshop Facilitated by UTRGV’s NSF Program Team

12:00 p.m. Lunch and Closing Remarks

12:30 p.m. Adjourn

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Community Learning Exchange 2

Date: March 20, 2020

Time: 8:30-12:30

Place: ZOOM Meeting

Focus: Knowing Your Student

Faculty Development Learning Objectives

1. Acquire skills to reflect as practitioners in unique moments such as the COVID-19 pandemic
2. Engage in understanding and knowing UTRGV student demographics, history and cultural wealth
3. Learn about building democracy
4. Decipher lessons learned for case studies

Agenda:

- I. UTRGV Student Testimonials: Students share their stories based on following guiding questions:
 - What do you want your professors to know about you on the first day of class?
 - How can professors be responsive to you and your life's realities?
- II. The Promotora Educational Model: Proyecto Juan Diego Promotoras will each address 1 of 3 questions:
 - What is the Promotora educational model and why is it effective?
 - What do professors need to know about the strengths and needs of students and families?
 - What do faculty need to be doing to be responsive to the realities of students and families?
- III. Knowing Your Student: Online Reflections: Faculty will reflect on and respond to what they heard by answering questions through the ZOOM Chat feature
- IV. Closing Circle and Adjourn

**Transforming Undergraduate Education in STEM
Through Culturally Relevant Pedagogy
And Community Engagement
Community Learning Exchange 3**



Date: April 10, 2020

Time: 8:30 a.m. -12:30 a.m.

Place: ZOOM Meeting

Focus: Building a Community of Learners

Learning Objectives

1. To understand the value of community engagement and culturally relevant pedagogy to Hispanic Serving Institutions (HSI)
2. To understand the effect of cultivating a Community of Learners
3. To identify opportunities for integrating community engagement and culturally relevant practices in teaching philosophy and pedagogy

Agenda

- I. Welcome and Opening Remarks
- II. Community of Learners Context
- III. An Open Discussion with UTRGV Leadership
 - Dr. Patricia McHatton, Executive Vice President for Academic Affairs & P-16 Integration
 - Dr. Parwinder Grewal, Executive Vice President for Research, Graduate Studies and New Programs
- IV. Community Partner Perspectives
 - ARISE/LUPE leaders will share CESL course experience, lessons learned, new ideas for future CESL courses
- V. Updating Your Teaching Philosophy and Pedagogy
- VI. Closing Circle
- VII. Adjourn

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Community Learning Exchange 4

Date: May 1, 2020

Time: 8:30-12:30

Place: ZOOM Meeting

Focus: Course Development

Faculty Development Learning Objectives

1. Identify elements of culturally relevant and community engagement pedagogy
2. Explore characteristics of a learner centered approach
3. Draft/revise elements of syllabi that embed culturally relevant pedagogy and community engagement
4. Provide peer feedback

AGENDA

- I. **Course Development**
 - Key Elements of Culturally Responsive and Community Engagement Pedagogy
 - Designing a Learner Centered Syllabus
 - Self-Reflection: to what extent does your syllabus already reflect Culturally Responsive, Community Engagement, and Student-Centered Learning?
- II. **Revising Your Teaching Philosophy and Syllabus**
 - Guided Reflections: Aligning Student Learning Outcomes with Assignments/Projects, and Assessments
 - Graphic Organizer Activity: Documenting your objectives, activities, tasks and assessment strategies
- III. **Small Group Activity**
 - Peer Feedback on Key Guided Reflections
- IV. **Large Group Sharing and Discussion**
 - Insights on Action Steps for Teaching Philosophy and Syllabi Amendments
- V. **Closing Circle/Adjourn**