

DAY 1 Friday, February 14, 2025									
Room	Opening Session	Concurrent A 10:20 AM - 11:20 AM	Concurrent B 11:25 - 12:25 PM	Lunch	Concurrent C 2:00 PM - 3:00 PM	Concurrent D 3:05 PM - 4:05 PM	Concurrent E 4:10 PM - 5:10 PM	5:30 - 8:00 PM	
Great White	Keynote Speaker: Bethlehem Gronneberg	Creating Community in These Hot Mess Spicy Disaster Times		Plenary Session Speaker: Greses Perez	JSTEM Session	Engaging in Science and Engineering Practices Using Rubrics for Self-Reflection and Analysis (Martin-Hansen)	Eduaide.ai – How to make robots do your job Usage of CTMO as a learning tool for UTRGV Students	STEM Panel Discussion followed by Poster Session (Regular) and Social	
Tarpon		Raíces y Ciencia : Environmental STEM Education Through Cultural Sustainance in Rio Grande Valley Schools	STEM Education Through A Cultural Lens		Engaging Students in STEM Fields Through Community Pet Rescue: Creative Pedagogical Practices Introducing STEM Pathways	Family Centered Innovations: Improving STEM Education and Servingness Through Student Voices	Bridging SIOP and STEM using Generative AI for Transformative Learning Pathways: Empowering Emergent Bilingual Students		
			The Impact of Culturo-Techno-Contextual Approach on Students' Achievement in and Anxiety towards Chemistry				Unlocking the Language of Math: Strategies for Mastering Word Problems in the Elementary Classroom		
			Evaluating the Impact of CTCA on AI Achievement Across Gender and Parental Education				Reimagining Science Education: Engaging Preservice Teachers with a Culturally Sustaining, Health-Centric Curriculum in the RGV		
Marlin		Evaluation of a new Engineering Students Leadership Academy at a Resource-Limited HSI in South Texas	Improving Cybersecurity Education in Global South: Testing the Efficacy of CTCA and Nkrumah 1.0 App		"Estrategia educativa niñez 9 a 12 años; importancia de la conservación y contaminación del agua"	Construcción del razonamiento proporcional incorporando tradiciones mexicanas con un enfoque transversal	Code your own story: Digital storytelling is as easy as Elementary		
		STEM Gender Difference in First-Year College Engineering Students	Potency of CTCA in Enhancing the Achievement of Senior Secondary School Physics Students in Optics			STEM Students' Stress and Eating Habits			
		Transformative STEM learning through AI-POWERED Chatbot: Impact of Personalised Learning on Student Achievement and Attitude	Utilizing CTCA and Gbeleyi 1.0 with Cognitive Task Analysis to support Students' Mastery of Database Management Systems in ICT.			Is it inquiry? Preservice STEM teachers' attitudes, understanding, and misconceptions about inquiry-based teaching			
Swordfish		Strategies Students Use To Graph Function Transformations	Niños y niñas de 3-6 años su percepción de los servicios ecosistémicos de espacios verdes		Enseñanza de las ciencias: entre la interculturalidad y la regulación cognitiva	Características of Educational Interventions Aimed at Promoting Attitudes toward Science in Secondary School Students	Beyond Borders: Adaptations and Common Ground for International STEM Learning		
		Attitude of students towards the use of LMS and AI in biological drawing in Africa	Pensamiento algebraico a partir de un pensamiento estructural en futuros docentes de primaria			Diseño de propuesta STEAM: percepción de riesgo de la población de Tuxpan, Nayarit por inundaciones.			An educational approach to reduce the incidence of kidney disease in children
		Transforming Gateway Courses: Increasing Access to STEM pathways	Propuesta de comunicación en riesgos dirigido a niños y adolescentes de comunidades rurales en Michoacán			Taller de prevención del dengue para niños preescolares neurotípicos con trastornos del neurodesarrollo			Standardized Tests Create Learned Helplessness Reducing Stem Motivation
Marriott Courtyard Falcon	Cybersecurity Without the Headache: A Culturo-Techno-Contextual Approach	CTA in Action and Teachers' Perceptions of CTCA and PFM for Teaching Circulatory System	Analyzing Programming Cognitive Complexity: Teachers' Views on CTCA, Gbeleyi 1.0, and Student Achievement & Attitudes.	Investigating the Efficacy of integrative STEM Education ISE on improving Student outcomes in Secondary School	Cognitive Task Analysis: Teachers' Perception of CTCA and Gbeleyi 1.0 in Students' Network Topology Achievement				
	Gender as a Contextual Mitigating Factor in Science Learning: Exploring Culturo-Techno-Contextual-Approach in Rewriting the Narrative								
Hilton Garden Conference Room	STEAM CENTER								
	Code	Research Paper	Deeper Dive		Poster				
		Interactive Workshop	Showcase						