

STEM Recruitment and Enrichment Project (STEM-REP)

Tentative Schedule for Speakers and Session Themes

(In the event of an emergency, please find someone to cover your session(s))

		Workshop 1: May 31 – June 11, 2010		Workshop 2: June 7 – 18, 2010		Workshop 3: June 14 – 25, 2010	
		9:00 am – 12:00 pm	1:00 pm – 4:00 pm	9:00 am – 12:00 pm	1:00 pm – 4:00 pm	9:00 am – 12:00 pm	1:00 pm – 4:00 pm
Week 1	M	Welcome & Introduction A primer on genetics Dr. David L. Beck	Molecular genetics Dr. Michael R. Kidd	Welcome & Introduction A primer on genetics Dr. David L. Beck	Molecular genetics Dr. Michael R. Kidd	Welcome & Introduction A primer on genetics Dr. David L. Beck	Molecular genetics Dr. Michael R. Kidd
	T	Robotics with legos Dr. Young-Man Kim	Local environmental issues Prof. Gerardo J. Pinzon	Robotics with legos Dr. Young-Man Kim	Local environmental issues Prof. Gerardo J. Pinzon	Robotics with legos Dr. Young-Man Kim	Local environmental issues Prof. Gerardo J. Pinzon
	W	Decision support in operations management using Microsoft Excel Dr. Balaji Janamanchi	Drawing with AutoCAD Prof. Gerardo J. Pinzon	Decision support in operations management using Microsoft Excel Dr. Balaji Janamanchi	Drawing with AutoCAD Prof. Gerardo J. Pinzon	Decision support in operations management using Microsoft Excel Dr. Balaji Janamanchi	Drawing with AutoCAD Prof. Gerardo J. Pinzon
	R	Applying statistical techniques to real-world problems Prof. Dae-Hoon Kwak	Introduction to Nuclear Magnetic Resonance (NMR) and applications Dr. Qingwen Ni	Applying statistical techniques to real-world problems Prof. Dae-Hoon Kwak	Introduction to Nuclear Magnetic Resonance (NMR) and applications Dr. Qingwen Ni	Applying statistical techniques to real-world problems Prof. Dae-Hoon Kwak	Introduction to Nuclear Magnetic Resonance (NMR) and applications Dr. Qingwen Ni
	F	Exploring the universe Dr. Juan H Hinojosa	Biofeedback training for professionals in engineering and medicine Dr. Mary R. Chavez	Exploring the universe Dr. Juan H Hinojosa	Biofeedback training for professionals in engineering and medicine Dr. Mary R. Chavez	Exploring the universe Dr. Juan H Hinojosa	Biofeedback training for professionals in engineering and medicine Dr. Mary R. Chavez
Week 2	M	A deeper understanding of mathematics through mathematical puzzles Dr. Firooz Khosraviyani	Mathematics for STEM education Prof. Patricia D. Proa	A deeper understanding of mathematics through mathematical puzzles Dr. Firooz Khosraviyani	Mathematics for STEM education Prof. Patricia D. Proa	A deeper understanding of mathematics through mathematical puzzles Dr. Firooz Khosraviyani	Mathematics for STEM education Prof. Patricia D. Proa
	T	The role of mathematics and science in the business world Mr. Mario E. Moreno	Practical uses for matrices Ms. Asela Acosta	The role of mathematics and science in the business world Mr. Mario E. Moreno	Practical uses for matrices Ms. Asela Acosta	The role of mathematics and science in the business world Mr. Mario E. Moreno	Practical uses for matrices Ms. Asela Acosta
	W	The rock cycle: how earth materials change with time Dr. Marvin E Bennett	Working with geometer's sketchpad Mr. Pablo David Morales	The rock cycle: how earth materials change with time Dr. Marvin E Bennett	Working with geometer's sketchpad Mr. Pablo David Morales	The rock cycle: how earth materials change with time Dr. Marvin E Bennett	Working with geometer's sketchpad Mr. Pablo David Morales
	R	Applications of biological modeling Ms. Asela Acosta	Exploring new worlds: the search for extrasolar planets (in Planetarium) Mr. Gerardo A. Perez	Applications of biological modeling Ms. Asela Acosta	Exploring new worlds: the search for extrasolar planets (in Planetarium) Mr. Gerardo A. Perez	Applications of biological modeling Ms. Asela Acosta	Exploring new worlds: the search for extrasolar planets (in Planetarium) Mr. Gerardo A. Perez
	F	Contours and gradients Prof. Joe McCarry	Presentation of participants' experience & award of certificates	Contours and gradients Prof. Joe McCarry	Presentation of participants' experience & award of certificates	Contours and gradients Prof. Joe McCarry	Presentation of participants' experience & award of certificates

For information of this program, visit: <http://www.tamiu.edu/~rbachnak/STEMRRG/Files/REP%20Mathematics%20Enrichment%20Flier.pdf>