MREC^3: Math Research Experiences in Community Colleges Conference
Saturday May 4th
CSUN-Chaparral Hall Building

9:00-9:20am	**Sign in / Registration**
9:20-9:30 am	**Introduction/Welcome**: Room CR 5122 (and all morning talks).
9:30-9:55 am	Talk #1: **Karthik Ramasamy** - Machine Learning Engineer at Google: *How Tech Companies Use Data Science to Run Their Business.*
10:00-10:25 am	Talk #2: **Dr. Kiri Wagstaff** - Researcher in artificial intelligence and machine learning at the Jet Propulsion Laboratory: *Machine Learning for Space Exploration.*
10:30-10:55 am	Talk #3: **Dr. Alexandre Cunha** - Director, Center for Advanced Methods in Biological Image Analysis, Computational Scientist, Center for Data-Driven Discovery, Caltech: *Median Shapes.*
11:00-11:15am	**Morning Break**
11:15-12:10pm	**A Panel with Math-Degree Professionals on Future Career Options.** Panelists: Karthik Ramasamy, Kiri Wagstaff, Alexandre Cunha, Edouard Tchertchian (Pierce College).
12:10-1:30pm	**Lunch**
1:30-2:20pm	**The Pacific Math Alliance** - Dr. John Rock (Cal Poly Pomona): *An on-going RE-C^2 for all*. CR5122. **Field of Dreams Conference** - Dominique Vaca (College of the Canyons) and Bidkar Salazar (LA Valley College). CR5122.
2:30 – 3:30pm	**RE-C^2 presentations:** Students participating in the RE-C^2 project present their research. – CR5126 and CR 5114.
3:30 – 4:30pm	**Student presentations –** Students currently working on or starting a project present their research. CR5126 and CR 5114.

Student Talks: Concurrent Sessions

Session 1: Room CR – 5126

2:30-2:45pm: Tracy Albers and Matthew Del Castillo:
Evaluating Student Success in Mathematics at Los Angeles Mission College: The Effect of Placement and Early Online Class Performance – LA Mission College.

2:50-3:05pm: Petros Mavromichalis and Xiaohan Mei:
Classifying Handwritten Digits Using Neural Networks - Antelope Valley College

3:10-3:25pm: Shahrzad Abadian and Jonathan Bautista:
     M^3 = Making Money with Math! - LA Pierce College.

3:30-3:45pm: Jesus Medina and Jonathan Martinez:
     Pokémon GO: Best Attackers given Weather - Bakersfield College.

3:50-4:05pm: Gabriel Diaz and Vinh Bui:
     Applying Singular Value Decomposition into Grading English Essays -
     Bakersfield College.

4:10-4:25pm: Cristian Ocampo: **Analyzing past and current development in the fields**
     of Logic and Infinity. - Bakersfield College.

Session 2: Room CR 5114.

2:30-2:45pm: Dominique Vaca and Brandon Radford:
     Machine Learning and the Iris Dataset - College of the Canyons.

2:50-3:05pm: Kyle Little and Christopher Stevens:
     Applications of Generative Adversarial Networks to Natural Handwriting
     and Music Composition – Fullerton College.

3:10-3:25pm: Bidkar Salazar and Gulnaz Shalgumbayeva:
     Machine Learning Using kNN, Naive Bayes, and Multiple Regression –
     LA Valley College.

3:30-3:45pm: Krista Ghazaleh: **Gauss' Circle Problem** – Fullerton College.

3:50-4:05pm: Conner Contreras: **Are There Infinitely Many Leinster Groups?**
     Fullerton College.

4:10-4:25pm: Yichen Huang: **Are There Infinitely Many Carol Primes?**
     Fullerton College.