

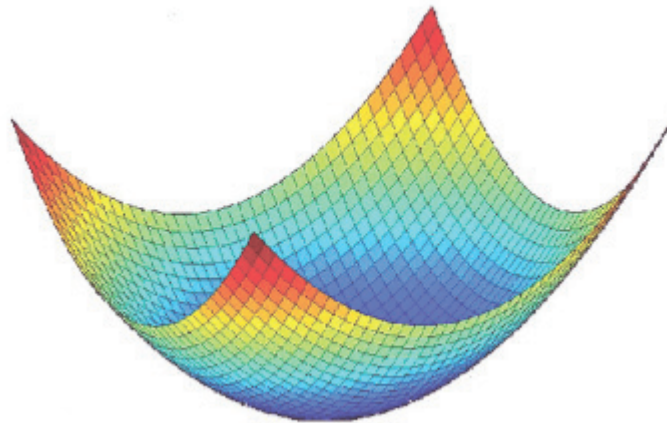
DEPARTMENT OF MATHEMATICS & DATA SCIENCE
Spring 2026 MATH & DATA SCIENCE Colloquium Series

The Amazing Properties of Convex Functions

Dr. Joe Carroll

Department of Mathematics & Data Science
Cal Poly Humboldt

I will discuss convex functions on \mathbb{R}^n , demonstrating some, hopefully, interesting properties, and also consider how they play a role in some statistical regression models. The mathematics used is the calculus of real valued functions of several real variables and real linear algebra. Contrary to Ken Yanosko's First Commandment concerning mathematical talks – “Prove ye neither too little nor too much” – almost everything will be proved.



THURSDAY
Apr. 9, 2026

4:00 PM
BSS302

FOR MORE INFO GO TO <https://math.humboldt.edu/get-involved/mathematics-colloquium>

**We cordially invite you to the PRE-COLLOQUIUM TEA in BSS#312
at 3:30 PM**