UNIVERSITY OF CALIFORNIA

2020

Big Data Science

In the last couple of decades, scientists have developed technologies that allow us to collect and analyze data in ways we never imagined. The Big Data that those technologies generate have transformed not only how scientists do their research, but also how we as humans view our world. This series will explore the progression of new technologies in areas such as statistics, climate, environment, agriculture, biology, medicine, mathematics and astronomy – and discuss how it is changing our world.

On Tuesday evenings from 6 – 7 p.m.
UC Riverside University Theatre (Humanities 400)

ALL LECTURES ARE FREE AND OPEN TO THE PUBLIC. T-SHIRT GIVEAWAYS WHILE SUPPLIES LAST. NO CHARGE FOR PARKING IN LOT 6. MORE INFORMATION: (951) 827-5089.

April 7
The Plurality of Worlds: Searching for Life in a Universe of Data

Stephen Kane
Associate Professor of Planetary Astrophysics

UCR College of Natural and Agricultural Sciences

April 14
From Sources to Space: How Big Data Can Help Us Manage Greenhouse Gas Emissions

Francesca Hopkins
Assistant Professor of Climate Change & Sustainability

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April 21
Computational Modeling Meets Artificial Intelligence: Digital Twin of a Patient

Mark Alber
Distinguished Professor of Mathematics
Director of the Interdisciplinary Center for Quantitative Modeling in Biology

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April 28
Big Data at the Intersect of Drug Discovery and Genome Biology

Thomas Girke
Professor of Bioinformatics
Director of the High-Performance Computing Center

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