



# Faculty Organizers



California State  
University

C H A N N E L  
I S L A N D S



Alona Kryshchenko, Ph. D.  
Associate Professor of Mathematics

Research interests: Statistics, Data Science,  
Machine Learning

Collaborations: CHLA, UCLA, Amgen and Golden  
State Medical Supply

email: [alona.kryshchenko@csuci.edu](mailto:alona.kryshchenko@csuci.edu)



# Faculty Organizers



California State  
University

C H A N N E L  
I S L A N D S



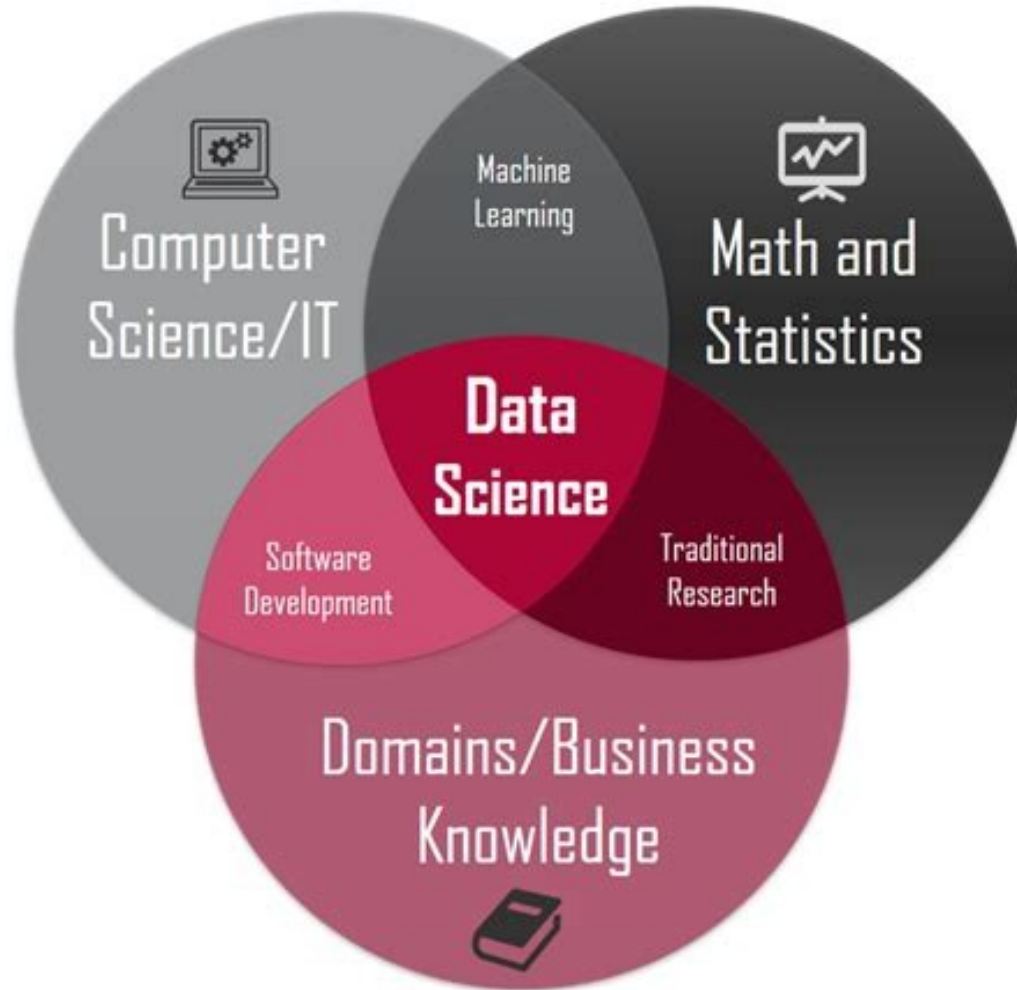
Isaac Quintanilla Salinas PhD  
Assistant Professor of Statistics

Research Interests: Bayesian Analysis, Joint Models,  
Regression

Collaborating Departments: Biology, Environmental  
Science, Psychology, Sociology, Health Science, History

email: [isaac.qs@csuci.edu](mailto:isaac.qs@csuci.edu)

# What is Data Science?



California State  
University

C H A N N E L  
I S L A N D S

# What is a Datathon?

**A Datathon** is a competition of among students where they are challenged to analyze a data set and make visualizations and conclusions.



California State  
University

C H A N N E L  
I S L A N D S

# Housekeeping

- Access Wifi
  - Use Guest Wifi
- Datathon Website
  - [inqs.info/ci\\_datathon\\_25](https://inqs.info/ci_datathon_25)



California State  
University

C H A N N E L  
I S L A N D S

# What is in stored for Today?

- Registration/Breakfast Opens at 8:30 AM
- Introductions (9:15-9:45 AM)
- Practice (10 AM - 12 PM)
- Lunch (12-12:45 PM)
- About the Data (12:45 PM)
- Competition (1-2:30 PM)
- Panel (2:30-3:30 PM)
- Ending Ceremony (3:30-4 PM)



California State  
University

C H A N N E L  
I S L A N D S

# Rooms

- **del Norte Hall**
  - **1500**
- **Sierra Hall**
  - **Computer Lab 1**
  - **Computer Lab 4**



**California State  
University**

C H A N N E L  
I S L A N D S



# What is in stored for Today?



California State  
University

C H A N N E L  
I S L A N D S



# What is in stored for Today?



California State  
University

C H A N N E L  
I S L A N D S

# What is in stored for Today?



California State  
University

C H A N N E L  
I S L A N D S



# What is in stored for Today?



California State  
University

C H A N N E L  
I S L A N D S

# What is in stored for Today?



California State  
University

C H A N N E L  
I S L A N D S



# Happening at CI

- New Major
  - BS Data Science
- Gateway Hall
- MS Business Analytics



California State  
University

C H A N N E L  
I S L A N D S

# BS Data Science



## Program Highlights

- Low Unit Major
  - Core: 39 Units
  - Electives: 6 Units
- Data Science-Oriented Mathematics
- Interdisciplinary
- Industry Focused
- Project Based

# Gateway Hall



California State  
University

C H A N N E L  
I S L A N D S



# Thank You

- California Learning Lab
- Southern California Consortium for Data Science
- CSUCI Provost Office
- Department of Mathematics and Data Science



California State  
University

C H A N N E L  
I S L A N D S

# Schedule:

- Registration/Breakfast Opens at 8:30 AM
- Introductions (9:15-9:45 AM)
- Practice (10 AM - 12 PM)
- Lunch (12-12:45 PM)
- About the Data (12:45 PM)
- Competition (1-2:30 PM)
- Panel (2:30-3:30 PM)
- Ending Ceremony (3:30-4 PM)



California State  
University

C H A N N E L  
I S L A N D S

# Rooms

- **del Norte Hall**
  - **1500**
- **Sierra Hall**
  - **Computer Lab 1 (Beginner Competition)**
  - **Computer Lab 4 (Advanced Competition)**



**California State  
University**

C H A N N E L  
I S L A N D S

# Channel Islands



**California State  
University**

C H A N N E L  
I S L A N D S

# Island Fox



California State  
University

CHANNEL  
ISLANDS



Island Fox Video



# What's Next?

## Fun Competition!

- 1 Hour to analyze and create presentation
- 30 Minute Presentation
  - 5 minutes per group



California State  
University

C H A N N E L  
I S L A N D S

# What's Next?



## Fun Competition!

- form a group
- analyze a data
- create a short 5 min presentation
  - google slides
  - create visualizations
  - interpret results
- present results

# What's Next?

## Fun Competition!

- Access Data
  - [inqs.info/ci\\_datathon\\_25](https://inqs.info/ci_datathon_25)



California State  
University

C H A N N E L  
I S L A N D S



# Panel Discussion



California State  
University

C H A N N E L  
I S L A N D S

**Nausheen Ahmed** - Executive Director, Supply Chain Operational Excellence for Cedars-Sinai Health System

**Gregory Devogel** - Chief Technical Officer at the Naval Seas Surface Warfare Center, Port Hueneme Division

**Matt Dawson** - Staff Data Scientist at Google

**Matthew Zivot** - Chief Data Officer & Director of Institutional Research at CSUCI

**Michael Ludkovski\*** - Professor, Dept of Statistics & Applied Probability (PSTAT). Co-Director, Center for Financial Mathematics & Actuarial Research.

\* Lead PI for the Southern California Consortium for Data Science (CA Learning Lab Data Science Grand Challenge Pathways Track)

# Our Partners



Southern California  
**CONSORTIUM FOR DATA SCIENCE**  
Building Inclusive, Accessible Pathways to Data Science



Cal Poly Pomona



CSU Channel Islands



CSU Long Beach



LA City College



Long Beach City College



San Diego Mesa College



San Diego State University



UC Santa Barbara



California State  
University

C H A N N E L  
I S L A N D S

# What's Next?



California State  
University

C H A N N E L  
I S L A N D S

## **AWARD CEREMONY!**