2024

CENTRAL VALLEY REGIONAL SIAM STUDENT CHAPTER CONFERENCE

Friday, May 3, 2024
University of California, Merced

CONFERENCE
PROGRAM

Central Valley Regional
SIAM Student Chapter
Conference

Conference Center Rooms 105 and 110
University of California, Merced
Friday, May 3, 2024

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AGENDA

9:00 - 9:55	CHECK IN	Outside CC105
10:00 - 10:15	WELCOME REMARKS	CC105
10:15 - 10:30	CHAPTER INTRODUCTIONS	CC105
10:30 - 12:00	KEYNOTE PRESENTATION	CC105
12:00 - 12:15	GROUP PICTURE	CC stairs
12:15 - 1:30	LUNCH	CC105 and CC110
1:30 - 3:00	POSTER SESSION	CC110
1:30 - 3:00	LIGHTNING PRESENTATIONS	CC105
3:00 - 3:15	BREAK	
3:15 - 3:30	AWARDS	CC105
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3:30 - 4:30	MATH LOTERIA	CC105
4:30 - 5:00	CLOSING REMARKS	CC110

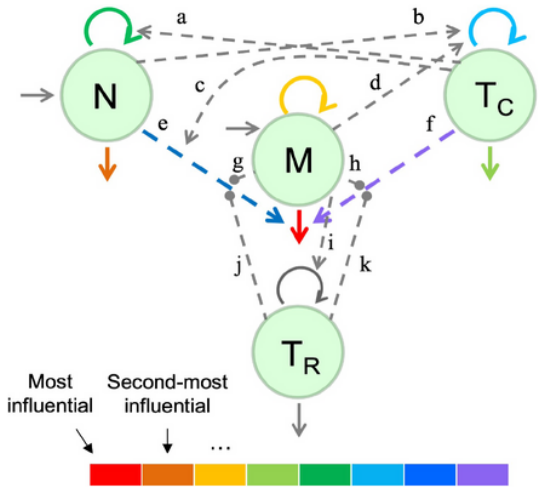
KEYNOTE PRESENTATION

Dr. Helen Moore graduated from the North Carolina School of Science and Mathematics High School in 1984, and the University of North Carolina at Chapel Hill in 1989. She received her PhD in mathematics in 1995 from Stony Brook University in New York. Her research focused on area-minimizing surfaces, before she switched to modeling diseases and optimizing combination drug regimens. She won two teaching awards and received a National Science Foundation grant for her research.

After 11 years employed in academia, she spent 15 years in the biopharma industry as a modeler and/or manager. In 2018, she was named a Fellow of SIAM. Dr. Moore was elected for two terms on the Council of SIAM, and for one term on the Board of Trustees of the International Society of Pharmacometrics. She returned to academia in 2021, and is an Associate Professor at the University of Florida in the College of Medicine.

Mathematics in the Biopharma Industry

Math modeling in the biopharma industry often involves coming up with an ODE system to describe cellular interactions that are important in disease dynamics. I will discuss several aspects of math modeling jobs in biopharma. This includes the types of problems industry math modelers work on, and how their jobs compare with academic jobs. I will also discuss how to get a math modeling job in biopharma.



POSTER PRESENTATIONS

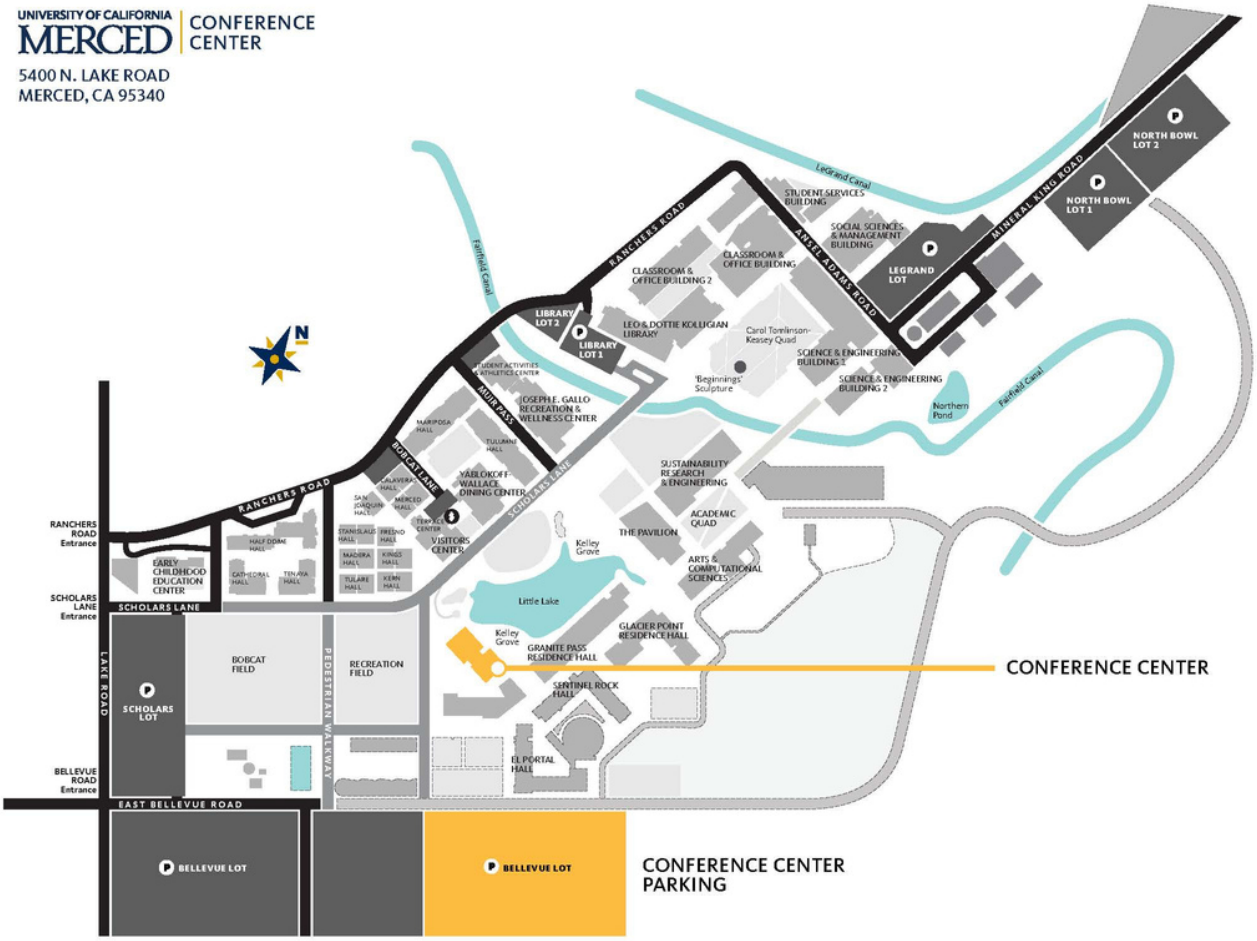
COMING SOON

LIGHTNING PRESENTATIONS

ROUND TABLE TOPICS

COMING SOON

PARKING AND DIRECTIONS



Directions to the UC Merced campus

Directions to campus from from southbound Highway 99:

Head southeast on CA-99 South.

Take Exit 187B toward Martin Luther King Jr. Way.

Turn left onto CA-59 North/Martin Luther King Jr. Way.

Take the third right onto West 16th Street.

Take the third left onto G Street.

Turn right onto East Bellevue Road.

Arrive at the entrance to the Bellevue parking lot.

Directions from northbound Highway 99:

Head northwest on CA-99 North.

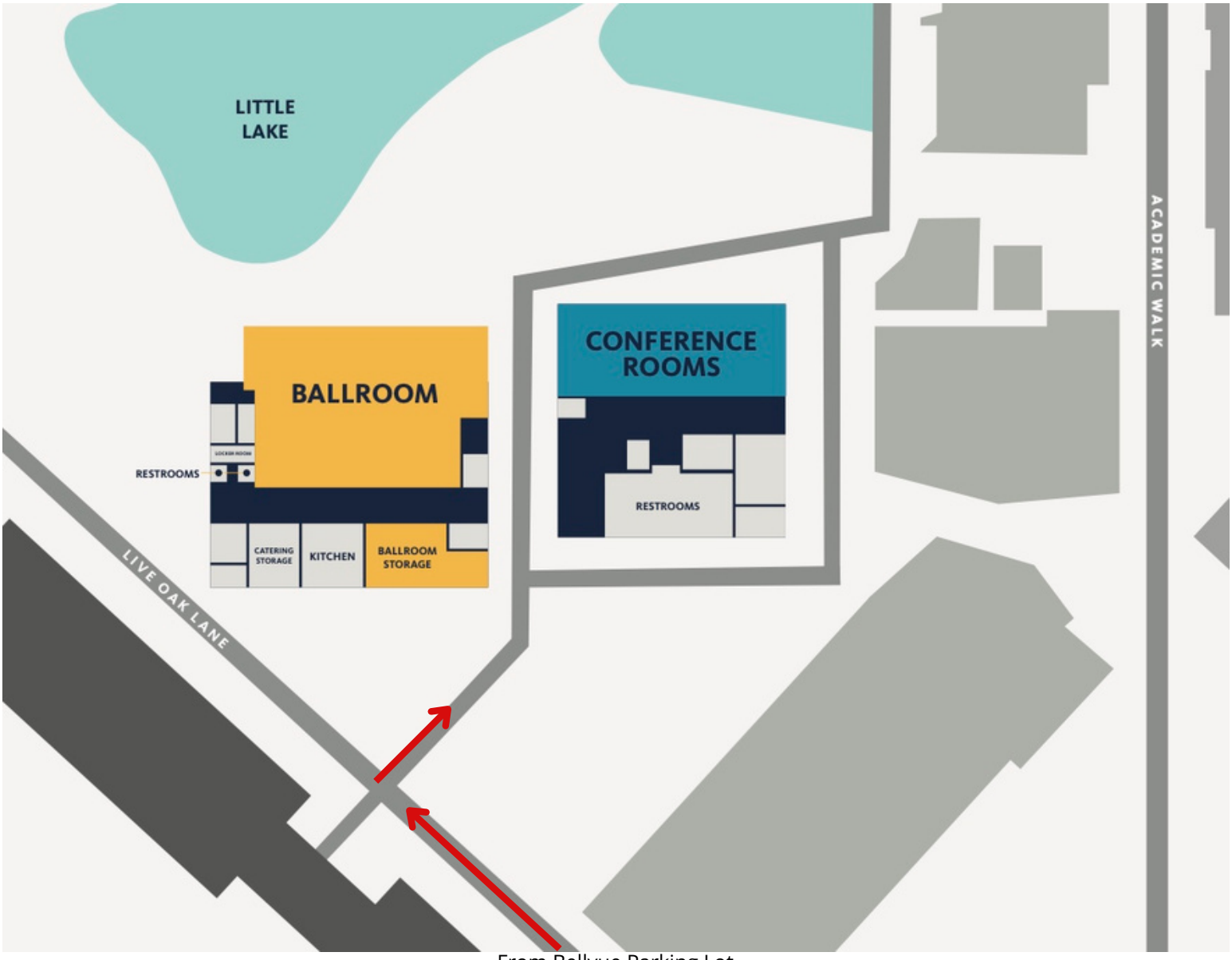
Take exit 187A for G Street.

Turn right onto G Street.

Turn right onto East Bellevue Road.

Arrive at the entrance to the Bellevue parking lot.

CONFERENCE CENTER MAP



From Bellvue Parking Lot

The conference will take place in Conference Rooms 105 and 110

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