



FMU MATH CLUB PRESENTS:

MATHEMATICS IN INDUSTRY SPEAKER SERIES LECTURE AND Q&A DINNER

with Dr. Calandra Tate Moore speaking on

Big Data and The Secret Lives of Mathematicians

Thursday, November 21, 2019

Lecture – LSF407B, 2:30 - 3:30PM

Dinner – 6:00 - 7:00PM (RSVP)

Abstract: Mathematics can be more than just a subject in school; it can be a vast, ever-evolving career. The government is the number one single employer of mathematicians in the country. Many of those mathematicians end up at the National Security Agency, where they find careers in research, information assurance, cryptanalysis, data science, and more. This talk will discuss what NSA does as a whole, give an introduction to the roles of mathematicians at NSA, and illuminate a few sample problems with particular applications in machine learning, artificial intelligence, and statistics.



Dr. Calandra Tate Moore is a Data Scientist at the U.S. Department of Defense. She received her M.S. and Ph.D. in Applied Mathematics from the University of Maryland College Park and a B.S. in Mathematics from Xavier University of Louisiana. Previously, she spent a number of years in both academia, as a mathematics professor in the Department of Mathematics at City University of New York's College of Staten Island, and prior federal service, as a mathematician on the Multilingual Research Team at the U.S. Army Research Laboratory and Visiting Scientist Chair at the U.S. Military Academy. She has conducted research on a wide range of mathematical and statistical applications but, currently focused on human language technology evaluation as a researcher in the Video, Image, Speech, and Text Analytics Group.

All students, faculty and staff are invited to attend the talk.
Please RSVP by Nov. 15th with Dr. Ivan Dungan to join the Q&A Dinner via
ivan.dungan@fmarion.edu.

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