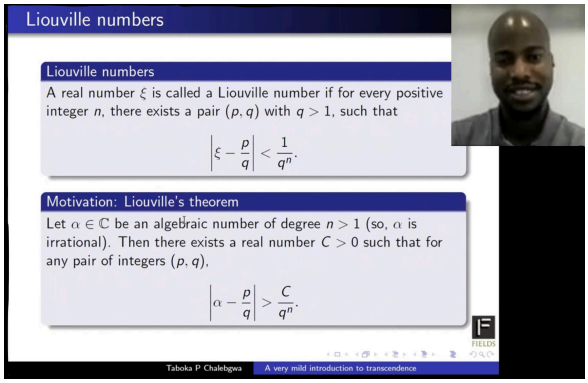
Inspiring Talks in Mathematics

https://sites.google.com/view/inspiring-talks-in-mathematics/home

In these talks the inspiring mathematicians tell us about themselves, then present topics in mathematics related to their research, and then they end with answers to questions students at Lehman College posed to them about their studies.



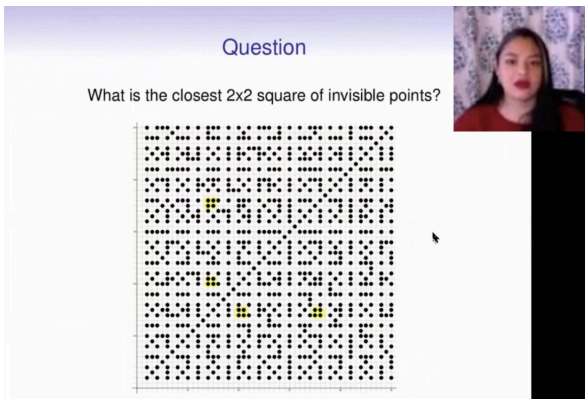
Dr. Taboka P Chalegbwa

(from Botswana to the Fields Institute)

A (very) mild introduction to Transcendence

(speaking to Analysis Students at Lehman College)

(video is linked above at the title)



Dr. Pamela Harris

(a dreamer who immigrated from Mexico as a child)

Invisible Lattice Points

(a talk on Number Theory at U Montana)

(video is linked above at the title)



Jacobi's Eigenvalue Algorithm. An undergrad talk for Lehman College.

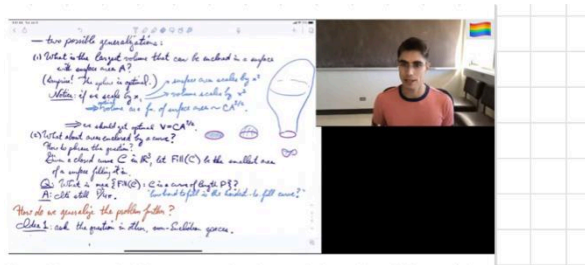
Dr. John Urschel

(New Yorker to MIT Mathematician)

Jacobi's Eigenvalue Algorithm

(speaking to Linear Algebra Students at Lehman College)

(video is linked above at the title)



Dr. Fedya Manin

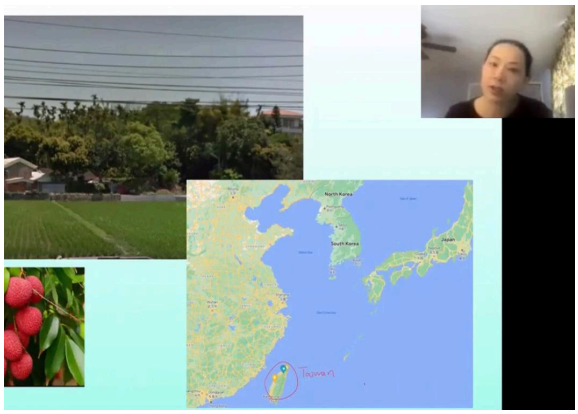
(from Russia to California our Pride Month Speaker)

Stretching Soap Bubbles over Random Knots

(speaking to students at Lehman College)

(prerequisite: Vector Calc and Linear Algebra)

(video is linked above at the title)



Dr. Kuei-Nian Lin

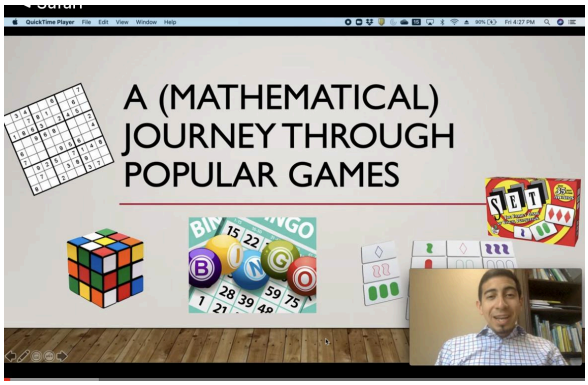
(from a rice farm on a tropical island)

Blow Up Chemical Networks

(speaking to students at Lehman College)

(prerequisite: Vector Calculus)

(video is linked above at the title)



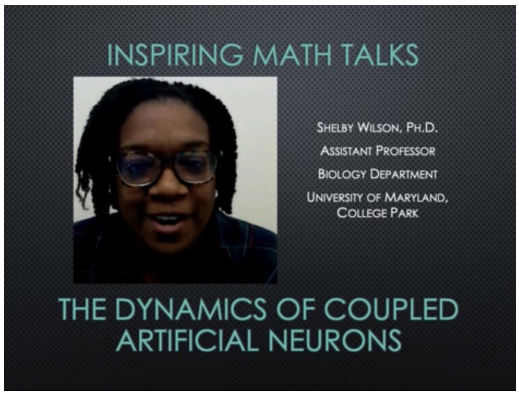
Dr. Alexander Diaz Lopez

(from Puerto Rico)

A (Mathematical) Journey through Popular Games

(speaking to Linear Algebra Students)

(video is linked above at the title)



Dr. Shelby Wilson

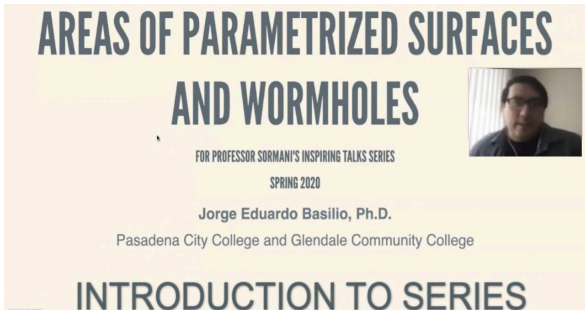
(granddaughter of Dr. Eta Falconer)

The Dynamics of Coupled Neurons

A talk on Mathematical Biology

(talk sponsored by Virginia Tech)

(video is linked above at the title)



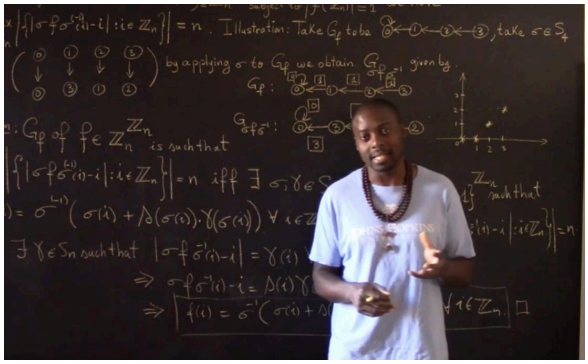
Dr. Jorge Basilio

(from Los Angeles)

Areas of Surfaces and Wormholes

(speaking to students at Lehman College)

(prerequisite: Vector Calc and Linear Algebra)



Dr. Edinah Gnang

The Kotzig-Ringal-Rosa Conjecture

(a talk on Graph Theory for Lehman Math Majors)

(video is linked above at the title)

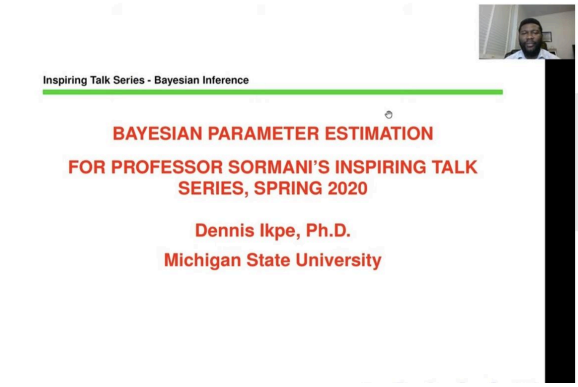


Dr. Omayra Ortega

The Statistics behind Driving while Black

(speaking to students at Swarthmore)

(video is linked above at the title)

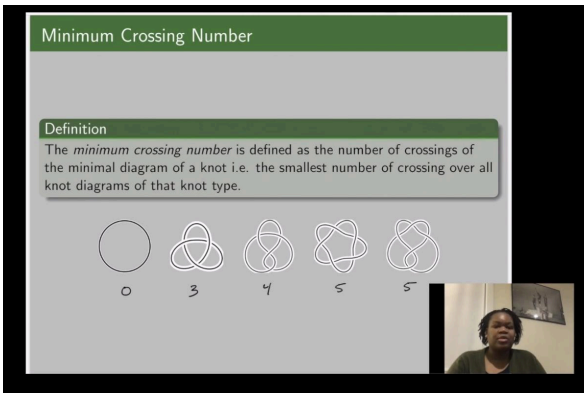


Dr. Dennis Ipke

Bayesian Statistics

(speaking to advanced statistics students at Lehman College)

(video is linked above at the title)

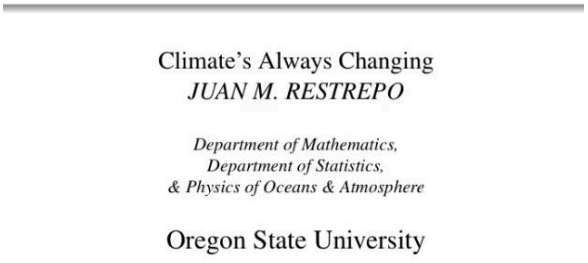


Dr. Candice Price

Unraveling Biochemical Mysteries: Knot Theory applied to Biochemistry

(speaking to students at USD)

(video is linked above at the title)

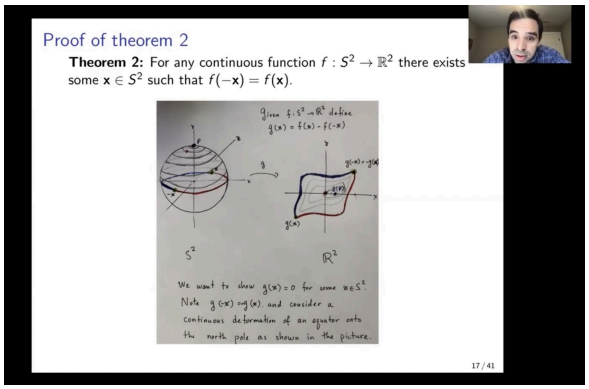


Dr. Juan M Restrepo

Mathematics of Climate Change

(speaking to the City College Math Club)

(video is linked above at the title)

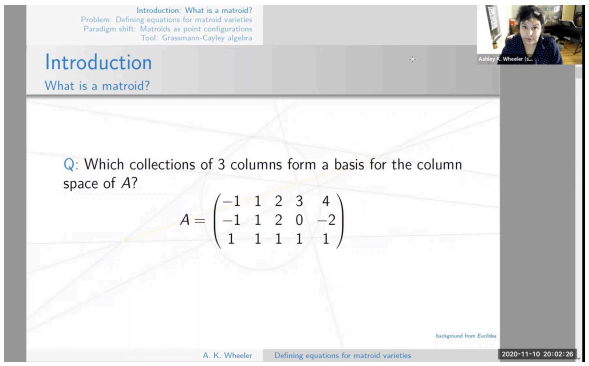


Dr. Manuel Luis Rivera

The Borsuk-Ulam Theorem

(speaking to students at Lehman College)

(video is linked above at the title)

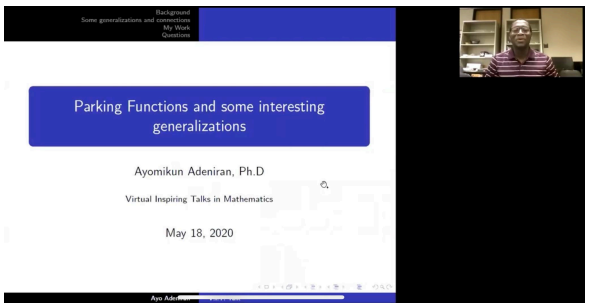


Dr. Ashley Wheeler

Defining Equations for Matroid Theory

(speaking to Lehman College Students)

(the video is linked above)



Dr. Ayo Adeniran

(from Nigeria)

Parking Functions and Some Interesting Generalizations

(speaking to Combinatorics students at Williams)

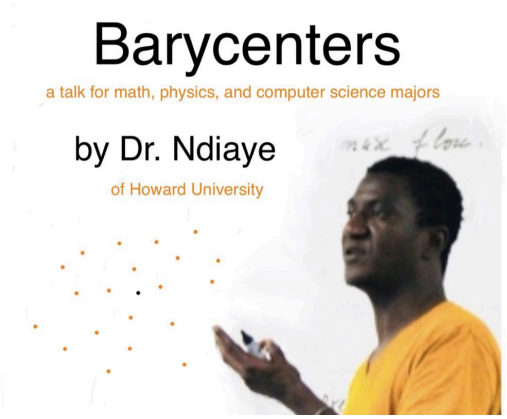
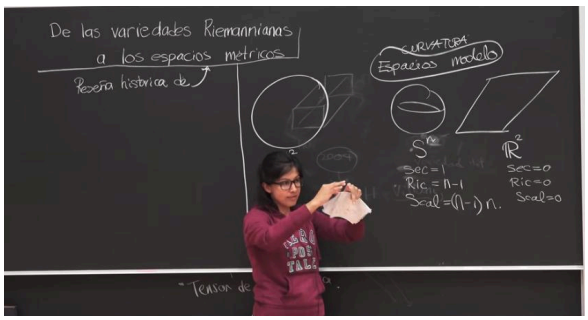
(video is linked above at the title)



Dr. Anarina Murillo

Mathematical, Computational Modelling, and Statistical Approach to Diabetes Research

(live talk at Lehman College, no video)

	**Dr. Cheikh Birahim Ndiaye** ***Finding Minima and Barycenters*** (live talk at Lehman College, no video)
Other great talks:	
	**Dr. Raquel Perales** ***De la Geometria Riemanniana (en espanol)*** (presented to students in Mexico City) **Efrain Vega's Youtube channel**
	**Mohammed Omar's Youtube Channel with Math GRE Prep**