

Amundson Lecture Series 2018

*The University of Houston is honored to host a series of lectures by
Andrea L. Bertozzi in recognition of Professor Neal Amundson*

Lectures

Tuesday, April 10th, 2018 (4:00 P.M.—5:00 P.M.)

“Mathematics of Crime”

UH Rockwell Pavillion

Reception - UH Rockwell Pavillion

5:00 P.M.—6:00 P.M.

Wednesday, April 11th, 2018 (3:00 P.M.—4:00 P.M.)

“Geometric Graph-based Methods for High Dimensional Data”

Science Engineering Classroom Building (SEC 203)

Thursday, April 12th, 2018 (2:30 P.M.—3:30 P.M.)

“Swarming by Nature and by Design”

Science Engineering Classroom Building (SEC 203)

About the Speaker

Andrea Bertozzi is an applied mathematician with expertise in nonlinear partial differential equations and fluid dynamics and works following areas: geometric methods for image processing, crime modeling and analysis, and swarming/cooperative dynamics. She completed all her degrees in Mathematics at Princeton.

Bertozzi's honors include: the Sloan Research Fellowship (1995), the Presidential Early Career Award for Scientists and Engineers (1996), SIAM's Kovalevsky Prize (2009), and a Simons Math + X Investigator award (2017). In 2010, she was elected to the American Academy of Arts and Sciences and to the Fellows of the Society of Industrial and Applied Mathematics (SIAM) in 2010. She became a Fellow of the American Mathematical Society in 2013 and a Fellow of the American Physical Society in 2016. She won a SIAM outstanding paper prize in 2014 with Arjuna Flenner, for her work on geometric graph-based algorithms for machine learning. Bertozzi is a Thomson-Reuters 'highly cited' Researcher in Mathematics for both 2015 and 2016, one of about 100 worldwide in her field.

Bertozzi moved to UCLA in 2003 as a Professor of Mathematics and since 2005 has served as Director of Applied Mathematics, overseeing the graduate and undergraduate research training programs at UCLA. To date she has graduated 33 PhD students and has mentored over 40 postdoctoral scholars.

To see more of Bertozzi's numerous achievements, please visit: <http://www.math.ucla.edu/~bertozzi/>

For more information on the series, visit:

<http://www.uh.edu/nsm/math/amundsonlectureseries>

