

CONFERENCE PRESENTATIONS	• Dynamics Days, Hartford, CT	January 2020
	• IPAM seminar series, Los Angeles, CA	November 2019
	• NetSci ISODS satellite meeting, Burlington, VT	May 2019
	• NetSci, Burlington, VT	May 2019
	• SIAM DS19, Snowbird, UT	May 2019
	• Dynamics Days, Evanston, IL	January 2019
	• APS Far West, Fullerton, CA	October 2018
	• SIAM AN20 (accepted)	postponed, originally scheduled for July 2020
CONFERENCE POSTERS	• Dynamics Days, Evanston, IL	January 2019
	• Dynamics Days, Denver, CO	January 2018
SUMMER SCHOOLS & SEMINAR SERIES	Santa Fe Institute Complexity Summer School	June to July 2018
	• Attended lectures and participated in discussions on complex behavior in mathematical, physical, living, and social systems	
	• Participated in interdisciplinary group research projects (e.g., data-driven approaches to cardiac dynamics)	
	Understanding and Exploring Network Epidemiology in the Time of Coronavirus (Net-COVID) seminar series	April 2020
	• Attended weekly seminars and discussion series	
	• Participated in a reading group on adaptive networks in epidemiology	
	Lake Como School "Complex Networks: Theory, Methods and Applications" (6th edition)	cancelled, originally scheduled for May 2020
	• Accepted, did not attend due to cancellation	
PUBLICATIONS	Published	
	• Matheny, M. H., Emenheiser, J., Fon, W., Chapman, A., Salova, A. , Rohden, M., Li, J., Hudoba de Badyn, M., Posfai, M., Duenas-Osorio, L., Mesbahi, M., Crutchfield, J. P., Cross, M. C., D'Souza, R. M., and Roukes, M. L. (2019). Exotic states in a simple network of nanoelectromechanical oscillators. <i>Science</i> , 363(6431), eaav7932.	
	• Salova, A. , Emenheiser, J., Rupe, A., Crutchfield, J. P., and D'Souza, R. M. (2019). Koopman operator and its approximations for systems with symmetries. <i>Chaos: An Interdisciplinary Journal of Nonlinear Science</i> , 29(9), 093128.	
	To be submitted	
	• Salova, A. and D'Souza, R. M. (2020). Decoupled synchronized states in networks of linearly coupled limit cycle oscillators. <i>arXiv preprint arXiv:2006.06163</i> .	
	In preparation	
	• Emenheiser, J., Salova, A. , Snyder, J., Matheny, M. H., Fon, W., Li, J., Roukes, M.L, Crutchfield, J. P., and D'Souza, R. M. Dynamically decoupled synchronization in rings of nanoelectromechanical oscillators.	
JOURNAL REFEREING	Physical Review E, Nature Communications	
SERVICE AND OUTREACH	• Volunteer at 2019 APS Conferences for Undergraduate Women in Physics (CUWiP) at UC Davis	
	• Member of the UC Davis Physics Diversity and Inclusion group	
PUBLIC TALKS	<i>How stable is the solar system</i> , Astronomy on Tap in Davis, 2019	