

CONFERENCE PRESENTATIONS	<ul style="list-style-type: none"> • Conference on Complex Networks and their Applications, held remotely • NetSci TopoNets satellite, held remotely • Dynamics Days Digital, held remotely • SIAM AN20, held remotely • Dynamics Days, Hartford, CT • IPAM seminar series, Los Angeles, CA • NetSci ISODS satellite meeting, Burlington, VT • NetSci, Burlington, VT • SIAM DS19, Snowbird, UT • Dynamics Days, Evanston, IL • APS Far West, Fullerton, CA 	<p>December 2020</p> <p>September 2020</p> <p>August 2020</p> <p>July 2020</p> <p>January 2020</p> <p>November 2019</p> <p>May 2019</p> <p>May 2019</p> <p>May 2019</p> <p>January 2019</p> <p>October 2018</p>
CONFERENCE POSTERS	<ul style="list-style-type: none"> • Dynamics Days, Evanston, IL • Dynamics Days, Denver, CO 	<p>January 2019</p> <p>January 2018</p>
SUMMER SCHOOLS & SEMINAR SERIES	<p>Santa Fe Institute Complexity Summer School</p> <ul style="list-style-type: none"> • 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) <p>Understanding and Exploring Network Epidemiology in the Time of Coronavirus (Net-COVID) seminar series</p> <ul style="list-style-type: none"> • Attended weekly seminars and discussion series • Participated in a reading group on adaptive networks in epidemiology <p>Lake Como School "Complex Networks: Theory, Methods and Applications" (6th edition)</p> <ul style="list-style-type: none"> • Accepted, did not attend due to cancellation 	<p>June to July 2018</p> <p>April 2020</p> <p>cancelled, originally scheduled for May 2020</p>
PUBLICATIONS	<p>Published</p> <ul style="list-style-type: none"> • Salova, A. and D'Souza, R. M. (2020). Decoupled synchronized states in networks of linearly coupled limit cycle oscillators. Physical Review Research in press, available on <i>arXiv:2006.06163</i>. • Salova, A., Emenheiser, J., Rupe, A., Crutchfield, J. P., and D'Souza, R. M. (2019). Koopman operator and its approximations for systems with symmetries. Chaos: An Interdisciplinary Journal of Nonlinear Science, 29(9), 093128. • Matheny, M. H., Emenheiser, J., Fon, W., Chapman, A., Salova, A., Rohden, M., Li, J., Hudoba de Badyn, M., Posfai, M., Duenas-Ororio, 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. Science, 363(6431), eaav7932. <p>Preprints</p> <ul style="list-style-type: none"> • Emenheiser, J., Salova, A., Snyder, J., Crutchfield, J.P., and D'Souza, R.M. (2020). Network and Phase Symmetries Reveal That Amplitude Dynamics Stabilize Decoupled Oscillator Clusters. <i>arXiv preprint arXiv:2010.09131</i>. <p>In preparation</p> <ul style="list-style-type: none"> • Salova, A., D'Souza, R. M. Cluster synchronization in systems with higher order interactions. 	
JOURNAL REFERENCE SERVICE AND OUTREACH	<p>Physical Review E, Nature Communications</p> <ul style="list-style-type: none"> • Peer mentor, UC Davis Physics mentorship program • 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	<p><i>How stable is the solar system</i>, Astronomy on Tap in Davis, 2019</p>	