

# Megan Chan

Evanston, IL  
(951) 500-4580  
megan-a-chan.com  
megan.chan@u.northwestern.edu

Education	<b>Northwestern University</b> , Evanston   IL Ph.D. Industrial Engineering and Management Sciences, June 2026 M.S. Industrial Engineering and Management Sciences, June 2022	
	<b>California Polytechnic University</b> , San Luis Obispo   CA B.S. Industrial Engineering, June 2019	<i>Summa Cum Laude</i>
Research	<b>Graduate Student Researcher</b> , SONIC Lab	Aug. 2021 - Present
	<ul style="list-style-type: none"><li>Applied multi-objective and global optimization techniques to reconceptualize performance measurement in spaceflight multiteam systems</li><li>Utilized autologistic actor attribute models to identify social network relations with multiteam system performance</li><li>Investigated interpersonal conflict in team environments using text analysis</li></ul>	
Conferences	<b>Chan, M.</b> , DeChurch, L., Contractor, N. (2023, August 4-8). <i>The Leadership Signatures of Effective Multiteam Systems</i> . [Accepted Conference Presentation]. Academy of Management, Boston, MA, United States.	
	<b>Chan, M.</b> , DeChurch, L., Contractor, N. (2023, June 19-July 1). <i>A Network Modeling Framework for Predicting Effective Individuals, Teams, and Multiteam Systems</i> . [Accepted Conference Presentation]. Sunbelt, Portland, OR, United States.	
	<b>Chan, M.</b> , Izadinia, N., DeChurch, L., Waechter, A., Contractor, N. (2023, April 19-22). <i>Measuring Multiteam System Performance with Multi-Objective Optimization</i> . [Poster Presentation]. SIOP Annual Conference, Boston, MA, United States.	
	<b>Chan, M.</b> , Izadinia, N., DeChurch, L., Waechter, A., Contractor, N. (2022, October 16-19). <i>A Quantitative Approach to Stratify and Measure Performance of Multi-Team Systems</i> . [Conference Presentation]. INFORMS Annual Meeting, Indianapolis, IN, United States.	
Awards	<b>NASA Human Research Program</b> , \$25,000 in funding Grant Augmentation Competition for Students and Postdocs PRISM: Performance Reimagined in Spaceflight Multiteam Systems	2022
	<b>Northwestern University</b>	
	<ul style="list-style-type: none"><li>Segal Design Cluster Fellowship</li><li>Royal E. Cabell Fellowship</li><li>Harold Richards Graduate Fellowship</li></ul>	2022 - 2023 2021 - 2022 2021 - 2022
Workshops	<b>From Cells to Societies</b> , Santa Fe Institute <b>Teams Research Incubator</b> , University of Miami <b>NextProf Pathfinder</b> , University of Michigan & UCSD	Jun. 2023 Mar. 2023 Oct. 2021

Teaching	<b>Teaching Assistant</b> , Northwestern University <i>MSC 492: Leading and Leveraging Networks</i> <i>COMP_SCI 396/COMM_ST 352/IEMS 341: Social Network Analysis</i>	Mar. 2023 - Present <i>Prof. Noshir Contractor</i>
	<b>Teaching Assistant</b> , University of Science & Technology <i>COMM6416P: Social Network Analysis</i>	Sept. 2022 - Dec. 2022 <i>Prof. Noshir Contractor</i>
	<b>IEMS PhD Bootcamp Instructor</b> , Northwestern University <i>Python and MATLAB</i>	Sept. 2022
	<b>Teaching Assistant</b> , California Polytechnic University <i>IME 312: Data management &amp; system design</i>	Sept. 2018 - Jun. 2019 <i>Prof. Tao Yang</i>
	<b>Study Sessions Sr. Leader</b> , California Polytechnic University	Sept. 2017 - Jun. 2019
Professional	<b>Technology Consultant</b> , Protiviti <ul style="list-style-type: none"><li>Analyzed procurement data for a Workday Supply Chain Management software implementation at a large healthcare company</li><li>Visualized key purchasing, invoicing, and receiving metrics with Microsoft Power BI to inform significant conversion decisions</li></ul>	Jul. 2019 - Aug. 2021
Honors	<b>California Polytechnic University</b> <ul style="list-style-type: none"><li>President's List</li><li>Outstanding Student Award   College of Engineering</li></ul>	2017 - 2019 2019
Affiliations	<b>Academic &amp; Professional Organizations</b> <ul style="list-style-type: none"><li>NU INFORMS Student Chapter, <i>Board Member</i></li><li>Science of Networks in Communities (SONIC)</li><li>Systems Optimization Club, <i>Financial Chair</i></li><li>Society of Women Engineers</li></ul> <b>Community &amp; Cultural Involvement</b> <ul style="list-style-type: none"><li>Protiviti Green Team, <i>National Office Sustainability Lead</i></li><li>Chinese Student Association, <i>Lion Dance Team</i></li></ul>	Jul. 2022 - Present Sep. 2021 - Present Sep. 2016 - Jun. 2018 Sep. 2016 - Jun. 2019 Jan. 2020 - Aug. 2021 Sep. 2016 - Jun. 2019
Skills	Network Analysis · Optimization · Database Management · Data Visualization	
Code	Python · R · AMPL · Bash · SQL · VBA · Power BI	
References	<b>Northwestern University</b> , Dept. Industrial Engineering and Management Sciences <ul style="list-style-type: none"><li>Noshir Contractor, Jane S. &amp; William J. White Professor of Behavioral Sciences nosh@northwestern.edu</li></ul> <b>California Polytechnic University</b> , Dept. Industrial and Manufacturing Engineering <ul style="list-style-type: none"><li>Dr. Tali Freed, Professor &amp; Graduate Program Coordinator tfreed@calpoly.edu</li></ul> <b>Protiviti</b> , Technology Consulting - Enterprise Application Solutions <ul style="list-style-type: none"><li>Payal Shah, Managing Director payal.shah@protiviti.com</li></ul>	