

Chrysafis Vogiatzis

Last Updated: June 23, 2022

CONTACT INFORMATION	Transportation Building 211 Industrial and Enterprise Systems Engineering University of Illinois at Urbana-Champaign Urbana, IL 61801, USA	mobile: +1 352 346 0074 e-mail: chrys@illinois.edu web: vogiatzis.web.illinois.edu web: chvogiat.github.io
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ACADEMIC
INTERESTS Operations research, mathematical programming, combinatorial optimization, network optimization, decision support systems, evacuation and disaster management.

EDUCATION **Department of Industrial and Systems Engineering,**
University of Florida, Gainesville, FL, USA

- *Ph.D.* in Industrial and Systems Engineering **2014**
 Dissertation: **Exact and Heuristic Approaches to Solving Sensor Placement, Routing, and Tracking Problems.** Advisor: Dr. Panos M. Pardalos
- *M.Sc.* in Industrial and Systems Engineering **2012**

Department of Electrical and Computer Engineering,
Aristotle University of Thessaloniki, Thessaloniki, Greece

- *Dipl.Eng.* in Electrical and Computer Engineering **2009**
 Thesis: **Iterative distributed decomposition algorithm for solving large-scale transportation problems.** Advisor: Dr. Athanasios Migdalas.

PUBLICATIONS All student names are followed by an asterisk. Undergraduate student names have two asterisks.

JOURNAL ARTICLES

- J21. P. Urrutia*, D. Wren*, C. **Vogiatzis**, and R. Yoshida, SARS-CoV-2 dissemination using a network of the United States counties. *Operations Research Forum*, 2022.
- J20. Y. Liu*, C. **Vogiatzis**, R. Yoshida, and E. Morman, Solving reward-collecting problems with UAVs: a comparison of online optimization and *Q*-learning. *Journal of Intelligent & Robotic Systems*, 2021.
- J19. S. Rasti* and C. **Vogiatzis**. Novel group centrality metrics for detecting essentiality in protein-protein interaction networks. *Networks*, 2021
- J18. R. Anzoom*, R. Nagi, and C. **Vogiatzis**. A review of research in illicit supply-chain networks and new directions to thwart them. *IISE Transactions*, 2021
- J17. M. C. Camur*, T. Sharkey, and C. **Vogiatzis**. The star degree centrality problem: a decomposition approach. *INFORMS Journal on Computing*, 2021

- J16. M. Sarowar*, C. **Vogiatzis**, and N. Alam. A primal-dual interior point method for a novel type-2 second order cone optimization. *Results in Control and Optimization*, 2021
- J15. A. F. Shahraki*, O. P. Yadav, and C. **Vogiatzis**. Selective maintenance optimization for multi-state systems considering stochastically dependent components and stochastic imperfect maintenance actions. *Reliability Engineering & System Safety*, 196:106738, 2020
- J14. A. Rahim Taleqani*, C. **Vogiatzis**, and J. Hough. Maximum closeness centrality-clubs: A study of dock-less bike sharing. *Journal of Advanced Transportation*, 2020, 2020
- J13. N. M. A. M. A. Ghani*, J. G. Szmerekovsky, and C. **Vogiatzis**. Plant capacity level and location as a mechanism for sustainability in biomass supply chain. *Energy Systems*, pages 1–35, 2019
- J12. C. **Vogiatzis** and M. C. Camur*. Identification of essential proteins using induced stars in protein–protein interaction networks. *INFORMS Journal on Computing*, 31(4):703–718, 2019
- J11. T. I. Faiz*, C. **Vogiatzis**, and M. Noor-E-Alam. A column generation algorithm for vehicle scheduling and routing problems. *Computers & Industrial Engineering*, 130:222–236, 2019
- J10. R. Yoshida, K. Fukumizu, and C. **Vogiatzis**. Multilocus phylogenetic analysis with gene tree clustering. *Annals of Operations Research*, 276(1-2):293–313, 2019
- J9. S. Rasti* and C. **Vogiatzis**. A survey of computational methods in protein–protein interaction networks. *Annals of Operations Research*, pages 1–53, 2018
- J8. N. Yasui**, C. **Vogiatzis**, R. Yoshida, and K. Fukumizu. imphy: Imputing phylogenetic trees with missing information using mathematical programming. *IEEE/ACM transactions on computational biology and bioinformatics*, 17(4):1222–1230, 2018
- J7. N. M. A. M. A. Ghani*, C. **Vogiatzis**, and J. Szmerekovsky. Biomass feedstock supply chain network design with biomass conversion incentives. *Energy Policy*, 116:39–49, 2018
- J6. C. **Vogiatzis** and J. L. Walteros. Integer programming models for detecting graph bipartitions with structural requirements. *Networks*, 71(4):432–450, 2018
- J5. C. **Vogiatzis**, A. Veremyev, E. L. Pasiliao, and P. M. Pardalos. An integer programming approach for finding the most and the least central cliques. *Optimization Letters*, 9(4):615–633, 2015
- J4. C. **Vogiatzis**, E. L. Pasiliao, and P. M. Pardalos. Graph partitions for the multidimensional assignment problem. *Computational Optimization and Applications*, 58(1):205–224, 2014
- J3. J. L. Walteros, C. **Vogiatzis**, E. L. Pasiliao, and P. M. Pardalos. Integer programming models for the multidimensional assignment problem with star costs. *European Journal of Operational Research*, 235(3):553–568, 2014
- J2. J. Davis, V. Paramygin, C. **Vogiatzis**, Y. Sheng, P. Pardalos, and R. Figueiredo. Strengthening the resiliency of a coastal transportation system through integrated simulation of storm surge, inundation, and nonrecurrent congestion in northeast florida. *Journal of Marine Science and Engineering*, 2(2):287–305, 2014

- J1. C. **Vogiatzis**, R. Yoshida, I. Aviles-Spadoni, S. Imamoto, and P. M. Pardalos. Livestock evacuation planning for natural and man-made emergencies. *International Journal of Mass Emergencies and Disasters*, 31(1):25–37, 2013

BOOK CHAPTERS AND CONFERENCE PROCEEDINGS (REFEREED)

- C11. R. Anzoom*, R. Nagi, and C. **Vogiatzis**. A framework to assess risk of illicit trades using Bayesian Belief Networks. *Advances in Production Management Systems Conference*, 2021
- C10. C. **Vogiatzis**, S. Teixeira-Poit, T. Walton, G. Gowdy, and B. Ram, Research Engineer Network: A network analysis of graduate student relationship, *American Society for Engineering Education Annual Conference and Exposition 2021*, accepted. Link: <https://peer.asee.org/37666>
- C9. H. Meda*, L. B. Davis, and C. **Vogiatzis**. Analysis of hurricane matthew 2016 data to estimate airline passengers disruption. In *2019 IEEE International Conference on Big Data (Big Data)*, pages 3909–3915. IEEE, 2019
- C8. S. Suehr* and C. **Vogiatzis**. Now you see me: Identifying duplicate network personas. In *2018 European Intelligence and Security Informatics Conference (EISIC)*, pages 23–30. IEEE, 2018
Best Paper Award winner for EISIC 2018.
- C7. O. Achrekar and C. **Vogiatzis**. Evacuation trees with contraflow and divergence considerations. In *Dynamics of Disasters Algorithmic Approaches and Applications*, pages 1–46. Springer, Cham, 2018
- C6. C. **Vogiatzis** and P. M. Pardalos. Evacuation modeling and betweenness centrality. In *International Conference on Dynamics of Disasters*, pages 345–359. Springer, Cham, 2016
- C5. C. **Vogiatzis**, J. L. Walteros, and P. M. Pardalos. Evacuation through clustering techniques. In *Models, Algorithms, and Technologies for Network Analysis*, pages 185–198. Springer, New York, NY, 2013
- C4. C. **Vogiatzis** and P. M. Pardalos. Combinatorial optimization in transportation and logistics networks. In *Handbook of Combinatorial Optimization*, pages 673–722. Springer New York, 2013
- C3. J. R. Davis, V. A. Paramygin, R. J. Figueiredo, Y. P. Sheng, C. **Vogiatzis**, and P. M. Pardalos. The coastal science educational virtual appliance (cseva). In *Estuarine and Coastal Modeling (2011)*, pages 359–377. 2013
- C2. J. R. Davis, Q. P. Zheng, V. A. Paramygin, B. Tutak, C. **Vogiatzis**, Y. P. Sheng, P. M. Pardalos, and R. J. Figueiredo. Development of a multimodal transportation educational virtual appliance (mteva) to study congestion during extreme tropical events. Technical report, 2012
- C1. C. **Vogiatzis**. Sensors in transportation and logistics networks. In *Sensors: Theory, Algorithms, and Applications*, pages 145–163. Springer, New York, NY, 2012

BOOKS/SPECIAL ISSUES EDITED

- B3. Pardalos, P.M., **Vogiatzis, C.**, and Walteros, J.L., *Selected Papers from the Learning and Intelligent Optimization 8 Conference*, Special Issue at Annals of Mathematics and Artificial Intelligence, Vol. 76, No. 1-2, 2016.
- B2. Pardalos, P.M., Resende, M.G.C., **Vogiatzis, C.**, and Walteros J.L., *Learning and Intelligent Optimization: 8th International Conference, Lion 8, Gainesville, FL, USA, February 16-21, 2014 Revised Selected Papers*, Lecture Notes in Computer Science Vol. 8426, Springer, 2014.
- B1. **Vogiatzis, C.**, Walteros, J.L., and Pardalos, P.M., *Dynamics of Information Systems: Computational and Mathematical Challenges*, Springer Proceedings in Mathematics & Statistics Vol. 105, Springer, 2014.

ARTICLES IN PREPARATION/SUBMITTED

- W9. T. Faiz*, C. **Vogiatzis**, and N. Alam. Computational Approaches for Solving Two-Echelon Vehicle and UAV Routing Problems for Post-Disaster Humanitarian Operations, submitted, June 2022.
- W8. D. Purba*, E. Kontou, C. **Vogiatzis**, Evacuation Network Modeling for Alternative Fuel Vehicles, 2nd round of reviews, June 2022.
- W7. M.C. Camur*, T. Sharkey, C. **Vogiatzis**, The stochastic pseudo-star degree centrality problem, 2nd round of reviews, May 2022.
- W6. H. Meda*, L. Davis, C. **Vogiatzis**, A Graph Theoretical Approach Integrating Geospatial Information to Analyze Airport Network Disruptions, submitted, June 2022.
- W5. D. Edwards*, F. Idoko*, C. **Vogiatzis**, L. Davis, Determining optimal fuel delivery strategies under uncertainty, submitted, March 2022.
- W4. R. Anzoom*, R. Nagi, C. **Vogiatzis**, Uncovering illicit supply networks and their interfaces to licit counterparts, submitted, February 2022.
- W3. H. Meda*, C. **Vogiatzis**, L. Davis, Multimodal Approach for Rescheduling Airline Passengers, in preparation.
- W2. A. Michels*, C. **Vogiatzis**, S. Wang, Evaluating Social Equity in Infrastructure: Analyzing Spatial Patterns of Evacuation and Social Vulnerability, in preparation.
- W1. G. Ameen, S. Solanki, T. Drader, L. Sager-Bittara, B. Steffenson, A. Kleinhofs, C. **Vogiatzis**, and R. S. Brueggeman. rcs5-mediated spot blotch resistance in barley is conferred by wall-associated kinases that resist pathogen manipulation. *bioRxiv*, 2020

OPEN-SOURCE SOFTWARE

- S3. Mustafa Can Camur, Thomas Sharkey, and **Chrysafis Vogiatzis** (2021). The source code for “The Star Degree Centrality: A Decomposition Approach” study. Download from: <https://github.com/mcamur/SDC>

- S2. Gazala Ameen, **Chrysafis Vogiatzis**, Shyam Solanki, & Robert Brueggeman, (2018). Gazala-Ameen/PPIN: Dependencies and run requirements of PPIN (Version PPIN.01). Zenodo.
<https://doi.org/10.5281/zenodo.1943607>
 Download from: <https://github.com/Gazala-Ameen/PPIN>
- S1. Niko Yasui, **Chrysafis Vogiatzis**, Ruriko Yoshida, & Kenji Fukumizu, (2018). imPhy.
 Download from: <https://github.com/yasuiniko/imPhy/>

SPONSORED ACTIVITIES

- **\$30,000** (co-Investigator), Center on Health, Aging, and Disability, *Geospatial Variability of Illicit Opioid Use and Disparities in Treatment Resources* (**awarded**, dates: 08/2022–07/2023).
- **\$74,892** (co-Investigator), Jump ARCHES, *Healing Healthcare Disparities among BIPOC Patients through Virtual Reality Cultural Competency Training* (**awarded**, dates: 01/2022–01/2023).
- **\$21,000** (co-PI), Grainger College of Engineering, University of Illinois at Urbana-Champaign Strategic Instructional Innovations Program, *UDL Based Best Practices Including Utilizing Canvas for the Needs of Students with Disability* (**awarded**, dates: 2021–2022).
- **\$9,905** (co-PI), Institute for Inclusion, Diversity, Equity, and Access, GIANT: *Applying a theoretical understanding of text-based learning modalities to develop new course modalities that meet the needs of student with disabilities* (**awarded**, dates: 2021–2023).
- **\$31,298** (co-PI, in total **\$461,226**) NSF, *Innovations in Graduate Education: Developing a Research Engineer Identity* (**awarded**, dates: 04/2019–03/2022).
- **\$97,000** (PI, **\$212,000** in total) Army Research Lab, *Contextualizing knowledge and perception in dynamic environments using interdependent network analysis* (**awarded**, dates: 10/2020–09/2022).
- **\$56,034.72** (in total, subaward) Department of Homeland Security (DHS), *Center of Excellence for Accelerating Operational Efficiency (CAOE)* (**awarded**, 05/2018–07/2018): Funded two undergraduate students, Ms. Ameenah Al-Raheem and Mr. Carter Koehler and studied two network optimization problems with applications in social network analysis.
- **\$5,040** (in total, PI) by Swanson Health Products (local industry), *Process Improvement based on Lean Principles* (**awarded**, 01/2016–05/2016): Funded an undergraduate student, Ms. Hannah Schnepf, and studied improvements for the process of launching new products. Decreased the time from receipt to launch by an average of 4 weeks.

HONOURS AND AWARDS At University of Illinois at Urbana-Champaign:

- **Best Diversity Equity and Inclusion Paper 2022** at the 2022 ASEE Annual Conference, New Engineering Educators Division, for “A digital book-based pedagogy to improve course content accessibility for students with and without disabilities in engineering or other STEM courses”.

- **James Franklin Sharp Outstanding Teaching Award in Industrial Engineering 2020.**
Link: <https://ise.illinois.edu/graduate/awards/sharp-teaching-award>
- **IISE Outstanding Faculty Advisor Award** (U.S. North Central Region, 2020).
Link: <https://www.iise.org/Details.aspx?id=28664>
- **List of teachers ranked as excellent by their students** (Spring 2022*, Fall 2021, Spring 2021*, Fall 2020*, Spring 2020, Fall 2019*).
* Further ranked as outstanding .
- **First place at INFORMS OR/MS Tomorrow mini-poster competition**, Denissa Purba, Eleftheria Kontou, and Chrysafis Vogiatzis “Evacuation planning for alternative fuel vehicles”.
Link here.

At North Carolina A&T State University.

- **Graduate Teacher of the Year 2019** for teaching graduate classes in Industrial & Systems Engineering.
- **Undergraduate Teacher of the Year 2019** for teaching undergraduate classes in Industrial & Systems Engineering.
- **Trusted CI Open Science Cybersecurity Fellowship 2019-2020** (member of the inaugural cohort of fellows).
- **Best Paper Award 2018** with Sean Suehr (M.S. 2019) for Now You See Me: Identifying Duplicate Network Personas in EISIC 2018.

At University of Florida.

- **University of Florida Graduate Student Teaching Award Winner 2012.**
- **Teaching Excellence Award (2012)** for teaching in the Department of Industrial and Systems Engineering.
- **Graduate Student Teaching Award 2010-2011** by the Department of Industrial and Systems Engineering.
- **Gerondelis Foundation Scholarship** of 5,000\$ for excellence in studies (2011).
- **Integrity and Work Ethic** Gator Attribute nomination by the Department of Industrial and Systems Engineering (2012, 2013, and 2014).
- **INFORMS 2013 Future Academician Colloquium**, nominated by the Department of Industrial and Systems Engineering.
- **Faculty mentor** of University of Florida International Center Outstanding International Student Award Recipient, Ms. Areej Al-Bahar (2015).

Other.

- **Awards in the Hellenic Mathematical Society Competition** for all prefectures except for Attiki and Thessaloniki in 1998 (1st), 1999 (1st), and 2000 (3rd).

MEDIA AND WEBSITES

- “Promoting Diversity, Equity, and Inclusion in the Online Classroom”
Link here.
- “SARS-CoV-2 Dissemination Using United States County Adjacencies”
Link: <https://chvogat.shinyapps.io/dod2021/>
- “If I could do it in prison, you could do it out there in the world: College-in-prison program works to close the education gap”
Link here.

TEACHING EXPERIENCE

I only include the last five years of teaching evaluations. I have taught courses on *Production and Inventory Control*, *Quantitative Modeling*, *Probabilistic & Deterministic Methods* (North Dakota State University, NDSU), *Stochastic Operations Research*, *Queuing Theory*, *Information Technology*, *Integer & Network Optimization* (North Carolina A&T State University, NCAT), and *Analysis of Data*, *Analysis of Network Data*, *Simulation* (University of Illinois at Urbana-Champaign, UIUC). A full teaching history, along with all semester evaluations since 2010, is available upon request.

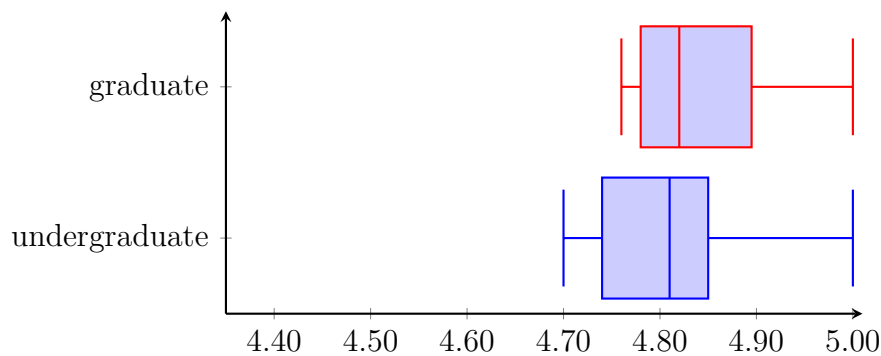
TEACHING EVALUATIONS

Fall 2022	Spring 2022
1. Analysis of Data (IE 300) Evaluations:	1. Analysis of Data (IE 300) Evaluations: 5.00/5.00
2. Analysis of Network Data (IE 532) Evaluations:	2. Simulation (IE 398) Evaluations: 4.85/5.00
Fall 2021	Spring 2021
1. Analysis of Data (IE 300) Evaluations: 4.74/5.00	1. Analysis of Data (IE 300) Evaluations: 4.81/5.00
2. Analysis of Network Data (IE 532) Evaluations: 4.82/5.00	2. Simulation (IE 398) Evaluations: 4.85/5.00
Fall 2020	Spring 2020
1. Analysis of Data (IE 300) Evaluations: 4.74/5.00	1. Simulation (IE 398) Evaluations: 4.72/5.00
2. Analysis of Network Data (IE 532) Evaluations: 5.00/5.00	
Fall 2019 (UIUC)	Spring 2019 (NCAT)
1. Analysis of Data (IE 300) Evaluations: 4.70/5.00	1. Integer & Network Optimization Evaluations: 4.80/5.00
2. Analysis of Network Data (IE 532) Evaluations: 4.90/5.00	2. Stochastic Operations Research Evaluations: 4.75/5.00
Fall 2018	Summer 2018
1. Queuing Theory Evaluations: 4.76/5.00	1. Stochastic Operations Research Evaluations: 4.88/5.00
2. Information Technology Evaluations: 4.84/5.00	

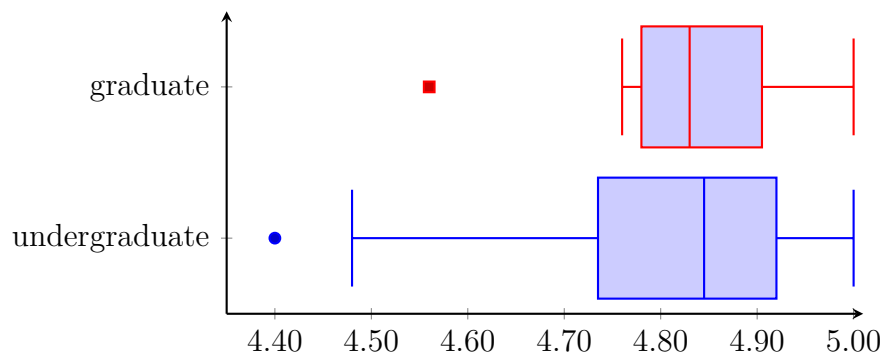
Fall 2017 (NDSU)

1. Probabilistic & Deterministic Methods
Evaluations: **4.89/5.00**
2. Production & Inventory Control
Evaluations: **4.90/5.00**

Evaluations over last 5 years (graduate mean=4.86, undergraduate mean=4.82)



Evaluations over career (graduate mean=4.84, undergraduate mean=4.81)



STUDENTS
ADVISED

MS students:

UIUC: **Vishnu Pratheek Challa**, May 2021, current position: Data Analyst in DataSeers.

NCAT: **Sean Suehr**, December 2019, “Now You See Me: Identifying duplicate network personas”, current position: Operations Research Scientist at the Crane Naval Base.

Mohamed ElAmin, August 2019, current position: Project Manager at Deutsche Process.

NDSU: **Md. Mahbubar Rahman**, August 2017, “Two-echelon vehicle routing problems using UAVs”, current position: Ph.D. student at North Dakota State University.

Rahul Banothu, December 2017, “Vulnerability assessment of interdependent power and communications networks under varying level of interdependency”.

Omkar Achrekar, May 2018, “Evacuation trees with contraflow and divergence considerations”.

External: **David Wren** (co-advisor, Naval Postgraduate School), May 2021.

Yixuan Liu (external committee member, Naval Postgraduate School), May 2021.

Patrick Urrutia (co-advisor, Naval Postgraduate School), December 2021.

PhD students:

UIUC: **Rashid Anzoom**, 2020–present.

NCAT: **Harshitha Meda**, “A theoretical approach and optimization model integrating network theory to analyze and mitigate airport network disruption”, August 2021, current position: Senior Analyst in Data Analytics, Liberty Mutual.

NDSU: **Saeid Rasti**, “Two applications of combinatorial branch-and-bound in complex networks and transportation”, December 2020, current position: Operations Research Architect at FedEx.

N Muhammad Aslaam Mohamed Abdul Ghani, “Essays on biomass supply chain network design”, May 2018, current position: Lecturer at the Universiti Malaysia Terengganu, Malaysia.

External: **Mustafa Can Camur** (co-chair, Clemson University), “Large-scale optimization models with applications in biological and emergency response networks”, August 2021, current position: Research Engineer, Enterprise Operations Research at General Electric Research.

ACADEMIC
POSITIONS

Teaching Assistant	Industrial and Enterprise Systems Eng.	Aug 2019–
Professor	University of Illinois at Urbana-Champaign Urbana, IL	
Assistant Professor	Industrial and Systems Eng. North Carolina A&T State University Greensboro, NC	Jan 2018–Aug 2019
Assistant Professor	Industrial and Manufacturing Eng. North Dakota State University Fargo, ND	Aug 2015–Jan 2018

CONFERENCE
SERVICE

- Dynamics of Disasters 2021 and 2022, Program Chair.
- 2nd Meeting of the Mathematical Modeling and Optimization Institute, 2014, Organizer.
- LION 8 (Learning and Intelligent OptimizatioN), 2014, Local organizing committee.
- 1st Annual Meeting of the Mathematical Modeling and Optimization Institute, 2013, Local organizing committee.

- 5th International Conference on the Dynamics of Information Systems, 2013, Organizer.
- 3rd Conference on Optimization Methods and Software, 2012, Local organizing committee.
- 1st International Conference on Network Analysis, 2011, Organizer.
- The 2nd World Congress on Global Optimization, 2010, Local organizing committee.

SCIENTIFIC AND PROFESSIONAL SOCIETIES

- **INFORMS**: Institute for Operations Research and the Management Sciences
- **IISE**: Institute of Industrial and Systems Engineers
- **ASEE**: American Society for Engineering Education

TEACHING AND PEDAGOGY SEMINARS

- “**Statistical modeling literacy in the IE curriculum**” in the AE3 Lightning Symposium “Computing Across the Curriculum” (February 24, 2022).
- “**Utilizing Canvas to help teach a course with universal design of learning – a few practical strategies**” (January 14, 2022).
- “**Building community in the college classroom**” in the AE3 Summer 2021 Faculty Development Workshop (July 27, 2021).
- “**Diverse delivery modes for flipped classrooms**” in the AE3 Lightning Symposium “One Way the Pandemic Improved my Teaching” (March 30, 2021).
- “**Flipped instruction**” practices in the AE3 Lightning Symposium “Instruction in the Era of COVID-19” (October 15, 2020).

SERVICE ACTIVITIES

- Vice Chair (2022–) and member (2020–) of the **Diversity, Equity, and Inclusion committee** of INFORMS (2020–). Chair of the Fundraising subcommittee (2020–2022), member of the DEI Ambassadors Program subcommittee (2020–2022), and member of the Teaching Pathways subcommittee (2022–).
- Media coordinator for the INFORMS **Junior Faculty Interest Group** (JFIG) (2017–2019).
- Chair of the Department of Industrial and Enterprise Systems Engineering **Task Force for pedagogical practices in the online space** (2020–present).
- Chair and member of the NDSU **College of Engineering Research & Graduate Committee**, responsible for awarding two faculty and one student research awards every year, and promoting high-quality, high-impact research (Chair: 2016–2017, Member: 2015–2017).
- Member of the Steering Committee of the NDSU College of **NAE Engineering Grand Challenges Scholars Program** (2016–2017).
- **Graduate Program Coordinator** for Industrial & Manufacturing Engineering at North Dakota State University (2016–2017).

- **Faculty Adviser for the Institute of Industrial and Systems Engineers student chapters** at North Dakota State University (2015–2017) and the University of Illinois at Urbana-Champaign (2019–present). Awarded the outstanding faculty advisor for the North Central Region in 2020.
- I have served as a reviewer for a wide variety of scientific journals in my area of interest, including (in the last year): Networks, Transportation Science, European Journal of Operational Research, OMEGA, Socio-Economic Planning Sciences, among others.
- Reviewer for *Mathematical Reviews*.

COMMUNITY OUTREACH

- **Graduate Research Identity Development (GRID) program.** I created a new seminar class for how to network for engineering graduate students. The class has been offered since Fall 2019 (both synchronously and asynchronously).
- **Educational Justice Project: Workshop in Statistical Modeling with R.** I offered a series of STEM workshops in the Danville Correctional Center through the Educational Justice Project during Fall 2021.

LANGUAGES

English (fluent), Italian (fluent), French (proficient), Spanish (conversant), Greek (native speaker).