

HOPE Workshop Agenda | September 24 – 26, 2026

(Agenda is in Eastern Time)

Thursday, September 24 Location: <i>Mendoza College of Business, 3rd Floor Terrace</i>	
6:00 - 8:00pm	Welcome Reception
Friday, September 25 Location: <i>Stayer Center Commons A, Notre Dame, IN 46556</i>	
7:30 – 8:00am	Breakfast
8:00 – 8:30am	Welcome Remarks
8:30 – 10:00am	Session 1: Emergency and Humanitarian Resource Allocation “Fairness in Turn: Order Randomization in Sequential Resource Allocation” Authors: Eojin Han, Aiqi Zhang <i>Discussant: Priyank Arora</i> “On-Demand Lifelines: Fixed Sites or Mobile Fleets for Emergency Medical Device Delivery?” Authors: Zeyu Lin, Weiliang Liu, Jingwei Zhang <i>Discussant: Long He</i>
10:00 – 10:15am	Coffee Break
10:15 – 11:45am	Session 2: Climate Risk and Infrastructure Resilience “Preventing Catastrophic Wildfires: Annual Grid Inspection and Maintenance Plan” Authors: Abolfazl Taghavi , Ali Fattahi, Sriram Dasu, Reza Ahmadi <i>Discussant: Rodney Parker</i> “Large-Scale Resilience Planning for Wildfire-Prone Electricity-System via Adaptive Robust Optimization” Authors: Shuyi Chen , Shixiang Zhu, Ramteen Sioshansi <i>Discussant: Jarrod Goentzel</i>
11:45am – 1:00pm	Lunch - <i>Morris Inn: Private Dining Rooms</i>



1:00 – 2:30pm	Session 3: Social Services and Global Health Operations “Improving Process Flow in a Child-Welfare System: A Data-Driven Approach” Authors: Shubham Akshat, Alan Scheller-Wolf, Lindsey Lacey, Justine Galbraith <i>Discussant: Erica Gralla</i> “Optimal Push, Pull, and Failure Funding for Global Health” Authors: David Ridley, Peng Sun, Chenxi Xu <i>Discussant: Chris Zobel</i>
2:30 – 2:45pm	Coffee Break
2:45 – 4:15pm	Session 4 Abstract: Emergency Response and Disaster Resource Allocation <i>Micah M. Borrero</i>: A predict-then-optimize framework for commercial-humanitarian airlift operations under latent capacity uncertainty <i>Ari Lerner</i>: Serving Fast and Slow: Optimal Notification Policies for Disaster Response under Response Heterogeneity <i>Alexander Rothkopf</i>: Scenario Portfolio Development in the Absence of Demand History: An LLM-Augmented Human-in-the-Loop Approach for Emergency Stockpile Planning <i>Mariacela Bevilacqua</i>: Keeping the Human in Humanitarian: A Mind Perception Account of AI's Effects on Donations to Humanitarian Organizations <i>Chengcheng Zhai</i>: The Impact of Drought on Factory Production and Water Usage: A Natural Experiment
4:15 – 4:30pm	Coffee Break
4:30 – 6:00pm	Session 5: Nonprofit Funding and Performance “Breadth or Depth? Operational Pathways to Federal Funding Success for Nonprofits” Authors: Telesilla Kotsi, Gloria Urrea, Sebastian Villa <i>Discussant: Ignacio Rios</i> “Same Mission, Different Scores: Fee Revenue and Nonprofit Performance Measurement” Authors: Vinit S. Tipnis <i>Discussant: Jorge Mejia</i>
6:15pm	Dinner - <i>Seven on 9 at Corbett Family Hall</i>



Saturday, September 26 Location: <i>Stayer Center Commons A, Notre Dame, IN 46556</i>	
7:30 – 8:00am	Breakfast
8:00 – 9:30am	Session 6: Policy, Governance, and Digital Infrastructure “State Mandated Employment Certificate for Minors Reduces Child Labor Violations in the United States” Authors: Fred Bao , Ashish Kabra <i>Discussant: Elena Katok</i> “Process Standardization in Digital Infrastructure Governance: Downstream Effects on Firm Creation in India” Authors: Rohit Mattu , Paul Benjamin Lowry, Alp Sungu <i>Discussant: Nezih Altay</i>
9:30 – 9:45am	Coffee Break
9:45 – 11:15am	Session 7 Abstracts: Mission-Driven Decision Analytics <i>Soojin Lee</i> : Logistics Responsibility, Algorithmic Delay Estimation, and Human Adjustment in Global Health <i>Chelsey Graham</i> : Identifying Causal Mechanisms of Vulnerability in E-Commerce Distribution Networks <i>Jennifer Nowicki</i> : Distant Mines, Local Risks: The Impact of Deregulation on Fissured Workforce Risk Management Systems <i>Adrian Ma</i> : From Trial-and-Error to Precision Mental Health: Evidence on Antidepressant Response <i>Hasti Rahemi</i> : Donor Preferences and Earmarking: Deciding for Yourself or Others
11:15am – 12:30pm	Lunch - <i>Stayer Center Commons A</i>
12:30pm	Afternoon Notre Dame Campus Tour