A multi-disciplinary, multi-university research center

The **MU team** consists of faculty from:
* industrial engineering
* transportation systems engineering
* management logistics (business)
* agricultural economics

**CELDi Academic Partners** provide additional research results to leverage CELDi membership investment.

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**Center for Excellence in Logistics and Distribution (CELDi)**

**Center Mission**
To enable member organizations to achieve logistics and distribution excellence by delivering meaningful, innovative and implementable solutions that provide a return on investment.

**CELDi Membership**
A 1 year membership in CELDi costs a minimum of $60,000 and includes an industry member specified project that:
- Involves MU faculty, one or more graduate students, and potentially undergraduate students
- Is comprised of either a single project or a multi-year sequence of projects

Members agree to share the fundamental research component of all projects with all industrial members of CELDi, however,
- Confidential remains confidential
- Industry members review all documents before they are released

**Sample Industry Projects**

- **Logistics Systems Analysis and Design**
  - Integrated International / Domestic Logistics Network Design and Consolidation
  - Adaptive Logistics Network Optimization
  - Distribution Security

- **Supply Chain Modeling**
  - Dynamic Supplier Network Partnerships
  - Demand Forecasting Models for Dynamic Material Requirements
  - Healthcare Supply Chain Modeling
  - Spare Parts Inventory Management

- **Material Flow Design & Improvement**
  - Staging Needs in a Cross-docking Environment
  - Examination of 'Next Generation' Material Handling Solutions
  - Warehouse floor layout with respect to picking / stocking operations

- **Intelligent Systems**
  - Logistics of Automatic Identification
  - Evaluation of RFID in the Rail Industry
  - Radio Frequency & Supply Chain Logistics

**Representative Industrial Members**

**Industrial Member Benefits**
A CELDi membership provides a wide range of benefits:

1. **Industry member specified project** that utilizes the expertise and resources of a university and accomplishes research at a fraction of the cost

2. **Shared fundamental research results** from other CELDi academic partners provides tremendous leveraging of each industrial member’s research dollars (ex. royalty free license access to over $5M in previous research)

3. **Receive CELDi Center Designated Project products** such as software, seminars, white papers, industry benchmarking

4. **Membership in the CELDi Industrial Advisory Board (IAB)** provides opportunity to interact with other faculty and industrial leaders in logistics, distribution, and supply chain, and provides direction to CELDi Center Designated Projects

5. **Access to top students** enables recruiting the best prepared logistics graduates