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.

CELDi is a university-based enterprise providing innovative solutions for logistics and distribution excellence with our partner organizations.
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 $50,000 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

Sample Industry Projects

Industry 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