

Research Engagement

In the 2023–24 academic year,
157 students participated
in 61 research projects while
engaging with 48 companies.

The Center for Supply Chain Research® (CSCR®) at the Penn State Smeal College of Business pursues research activities that enhance the body of supply chain and logistics management knowledge.

Our Support for Industry Research:

Idea Generation: We provide venues and resources for research idea generation through networking events, executive education programs, symposia/forums, campus visits, guest lectures, requests for proposal, and Penn State library databases.

Execution: We provide research resources in various forms, including funding, survey implementation, team formation, compliance advice, databases, and industry contacts.

Dissemination: Research findings are publicized in a range of formats, including presentations, working papers, white papers, dissertations, research reports, and articles both in scientific and managerial journals.



Knowledge Cores

Our research spans multi-decision levels in areas such as warehousing and distribution, transportation and logistics, procurement, manufacturing operations, systems modeling and design, analytics and information systems, and international logistics.

Emerging Imperatives

Along with strengthening these knowledge cores, focused research pertaining to emerging imperatives in such areas as sustainability, circular economy, and digitalization are also among our activities in pursuance of knowledge development.

Audience

Our research culminates insights targeted at both academic and managerial audiences.

Our CSCR Research Portal

Prolific research engagement with business and industry is fundamental to our mission to be a leader in supply chain knowledge creation and dissemination. We offer the CSCR Research Portal as a public venue to share the latest research from our affiliated faculty, student research projects, and CSCR knowledge bank. The CSCR Research Portal provides a platform for supply chain organizations to:

- **Explore** a repository of faculty research interests and expertise
- **Discover** shared interest and new ideas
- **Connect** with Penn State researchers for collaborative opportunities

Our Research Portfolio

Faculty Research

Our award-winning faculty dedicate themselves to creating new knowledge that impacts today's supply chain challenges and opportunities.

Practitioner Research

Supply chain professionals work with CSCR to address specific supply chain topics that ultimately lead to published articles in managerial journals.

Student Research

Our top supply chain students from all levels in their academic endeavors—undergraduate, graduate, and doctorate—interact with supply chain professionals for a synergistic value of giving students practical knowledge while providing organizations the forum to actively engage our top students.

Examples of Recent CSCR Research and Publications:

- **Beyond Brand Promise Fulfillment: Corporate Brand and Supply Chain Next Frontier in Retail**
- **The Hidden Cost of MRO Failures**
- **Circular Supply Chain Management in the Transition to Circular Enterprises**
- **Remastering Supply Chain Compression in Virtual 3D**
- **Supply Chain and Logistics Management in the Emerging Age of Autonomous Trucking**

Connect With Us

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