

RESEARCH IN FOCUS

CENTER FOR SUPPLY CHAIN RESEARCH®

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 management knowledge. Our research spans areas such as distribution, warehousing, transportation, procurement and supply, customer service, systems modeling and design, logistics information systems, and global logistics, culminating in insights targeted at both academic and managerial audiences.

SUPPORTING INDUSTRY RESEARCH

1 IDEA GENERATION

From CSCR® Corporate Sponsor Meetings to executive education engagements and various other symposia and forums, we provide ample venues to spark research ideas.



2 EXECUTION

Through funding, survey implementation, team formation, compliance advice, database access, industry contacts and resources in various other forms, CSCR® works to turn ideas into actionable research.

3 DISSEMINATION

Findings from CSCR® research are shared in a range of formats including presentations and reports, working and white papers, dissertations, and journal articles.

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 and to provide a repository of their research interests and expertise.

Connect and Join

We invite you to learn more about CSCR®. Although research is in our name and a core part of what we do, it is just one aspect of a mission that includes knowledge enhancement through educational offerings, access to emerging talent from the nation's leading supply chain institution, and opportunities to network with other supply chain professionals. Reach out today to discuss how your organization can benefit from our [Corporate Sponsorship Program](#).

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[Penn State Supply Chain](#)



[PSUSupplyChain](#)



[Center for Supply Chain Research® CSCR®](#)



PennState
Smeal College
of Business

RESEARCH PORTFOLIO

CENTER FOR SUPPLY CHAIN RESEARCH®

STUDENT RESEARCH

CSCR® provides several options for organizations to engage Smeal undergraduate and graduate students in collaborative supply chain related research projects.

- Independent study research project with junior and senior undergraduate students
- Honors thesis research project with senior Schreyer Honors undergraduate students
- Applied Professional Experience (APEX) capstone team project with MBAs or undergraduate Sapphire Leadership Program students
- Barnard M. Gordan Learning Factory capstone project with senior undergraduate engineering and business students
- Schreyer Honors option in-class research project with junior undergraduate students



ROBERT A. NOVACK

*Director of Student Research,
Associate Professor*

PRACTITIONER RESEARCH

Professionals working in supply chain partner with CSCR® to address specific topics that ultimately lead to published articles in managerial journals.

RECENT CSCR® PUBLICATIONS

*An Analysis of Common Practices:
Sustainability in Distribution Centers*

*Using Human Capital to Drive Supply Chain
Excellence*

*The MRO Revolution: Leaders, Evolvers
and Trailers*

*Weather-Proofing Supply Chain: Enable
Intelligent Preparedness with Data Analytics*

*Supply Chain Management in the Age of
Artificial Intelligence Revolution*

*The "Last Yard" — One Further Step in Making
Sure that Customers' Needs are Met*

FACULTY RESEARCH

To propel its research agenda, CSCR® draws from the top-ranked Department of Supply Chain and Information Systems at Smeal, which includes approximately 30 faculty and doctoral students pursuing both theoretical and applied research initiatives. The research and leadership team includes:



STEVE TRACEY

*Executive Director,
Professor of Practice*
Areas of Focus: CSCR®
leadership, operations, finance



DANIEL GUIDE

Associate Director, Professor
Areas of Focus: Closed-loop
supply chains, commercial
product returns, remanufacturing



AYDIN ALPTEKINOGLU

*Director of Research,
Associate Professor*
Areas of Focus: Supply chain
aspects of product variety
management



TERRY HARRISON

Associate Director, Professor
Areas of Focus: Large scale
production and distribution
systems, decision support systems