V. DANIEL R. GUIDE, JR.

Smeal Chaired Professor of Operations & Supply Chain Management

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Department of Supply Chain & Information Systems
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E-mail: dguide@psu.edu

Articles published in refereed journals (research)


**Articles published in refereed journal (pedagogical)**


**Articles published (non-refereed)**


**Articles published in refereed proceedings**


Books


Parts of Books


**Research reports to sponsor**


**Papers presented at technical and professional meetings**


**Seminars and workshops**

*Workshop Co-Chair and Organizer – How to make Humanitarian Response More Sustainable.* 11 September 2019, INSEAD, Fontainebleau, France.

*Workshop Co-Chair and Organizer - Business Perspectives on Closed-Loop Supply Chains 14*, Sponsored by the Smeal Chair, The Ford Chair, Penn State and INSEAD. October 2014, INSEAD, Fontainebleau, France.

*Industry Round Table Organizer – Issues for OEMs that Offer Remanufactured Products.* Sponsored by the Smeal College of Business (Dean’s Office), CMTOC and the Department of SC&IS. May 1-2, 2008, The Pennsylvania State University, University Park, PA.

*Workshop Co-Chair and Organizer - Business Perspectives on Closed-Loop Supply Chains 4*, Sponsored by the Carnegie Bosch Institution and the National Science Foundation, October 2004, INSEAD, Fontainebleau, France.

*Workshop Co-Chair and Organizer - Business Perspectives on Closed-Loop Supply Chains 3*, Sponsored by the Carnegie Bosch Institution and the National Science Foundation, 26-28 October 2003, The Pennsylvania State University, University Park, PA.

*Workshop Co-Chair and Organizer - Business Perspectives on Closed-Loop Supply Chains 2*, Sponsored by the Carnegie Bosch Institution, 13-16 October 2002, INSEAD, Fontainebleau, France.

*Workshop Co-Chair and Organizer - Business Perspectives on Closed-Loop Supply Chains*, Sponsored by the Carnegie Bosch Institution, 31 May - 2 June 2001, Carnegie Mellon University, Pittsburgh PA.
Professional Outreach

Service to journals:


Guest Editor-in-Chief (with L.N. Van Wassenhove), feature issue of *Production and Operations Management* on closed-loop supply chains, 2006 *15*(3&4).


Guest Editor-in-Chief (with L.N. Van Wassenhove), feature issue of *Interfaces* *33*(6) 2003 on closed-loop supply chains.


Associate editor, *Decision Sciences Journal*, Summer 2007-2016


Associate editor, *Business Research*, 2007 - present


Editorial Review Board (2010 – present) – *Journal of Business Logistics*

Ad hoc Associate editor for: *IIE Transactions, Manufacturing & Service Operations Management*
Ad hoc reviewer for:

California Management Review
Computers and Industrial Engineering
Computers and Operations Research
European Journal of Operational Research
IEEE Transactions on Engineering Management
International Journal of Production Research
International Journal of Production Economics
International Journal of Operations & Production Management
Management Science
Manufacturing & Service Operations Management
Naval Research Logistics
OMEGA
Operations Research
OR Spektrum
Production Planning and Control

Service to professional societies:

Decision Sciences Institute Buffa Doctoral Dissertation Award, Judge, 2014, 2018

Decision Sciences Institute Doctoral Consortium Coordinator 2013

Chair, POMS Skinner Early Career Award Committee 2013

POMS officers nominating committee 2012

Committee member 2011 POMS College of Sustainable Operations Ph.D. Proposal Award Competition


Committee Chair, POMS Wickham Skinner Best Unpublished Paper Award, 2007.

Track chair (multiple years) – POMS, INFORMS, DSI

Service to department and college:

Ph.D. Candidacy Exam Coordinator, 2010, 2011

Sabbatical Leave Review Committee, 2010-2011

Ph.D. Curriculum Review Committee, 2010-2011


Department Head Search Committee (Chair), 2014-2015

External review boards:


External Peer Reviewer:
- Research Grants Council of Hong Kong, 2008, 2009
- Swiss National Science Foundation, 2001-2002.
- Science Foundation Ireland, 2000

Invited speaking engagements:

Guide, Jr. V.D.R. 2018. Sustainability and mass customization. Sloan School of Management, Massachusetts Institute of Technology, Boston, MA.

Guide, Jr. V.D.R. 2017. False failure returns: An experimental investigation of supply Chain Coordination. School of Management, Boston University, Boston, MA.


Guide, Jr. V.D.R. 2015. A typology of closed-loop supply chains with remanufacturing. Management Department, College of Business and Behavioral Sciences, Clemson University, Clemson, SC.


Guide, Jr. V.D.R. 2010. Delayed differentiation for multiple lifecycle products. Management Science Department, Fisher College of Business, Ohio State University, Columbus, OH.


Guide, Jr. V.D.R. 2009. The potential for cannibalization of new product sales by remanufactured products. The Owens Graduate School of Management, Vanderbilt University, Nashville, TN.


Guide, Jr., V.D.R. 2008. Evaluating product portfolios that include remanufactured products. The Whitman School of Management, Syracuse University, Syracuse, NY.


*Invited industry presentations:*


*Funded projects, grants, commissions, and contracts*

*Smeal Competitive Research Grant*, Summer 2009. Awarded $17k for the project “Delayed differentiation for multiple lifecycle products”.

*McCombs Center for Customer Insight and Marketing Solutions and Supply Chain Management Center of Excellence, The University of Texas*, 2008. Awarded $5k for the project ‘Understanding consumer perceptions toward remanufactured products’ (with M. Meloy and S. Atalay).

*Smeal Competitive Research Grant*, Summer 2008. Awarded $15k for the project ‘OEM remanufacturing as a competitive strategy’.

*Smeal Competitive Research Grant*, Summer 2007. Awarded $10k for the project ‘A supply chain perspective on product returns’.

*Smeal Competitive Research Grant*, Summer 2006. Awarded $10k for the project ‘Determination of an optimal product disposition decision’.

Smeal Competitive Research Grant, Summer 2005. Awarded $15k for the project ‘Producer responsibility legislation and supply chain coordination’.

National Science Foundation, Award DMI-0345154, Business Aspects of Closed-Loop Supply Chains Workshops, ($53,300) from 1 September 2003 to 31 August 2005

Carnegie Bosch Institute, 2003. Awarded a grant ($7k) with L.N. Van Wassenhove to organize an industry day workshop on closed loop supply chains.

Carnegie Bosch Institute, 2002-2003. Awarded a grant ($40k) with L.N. Van Wassenhove to organize a workshop 'Business Perspectives on Closed-Loop Supply Chains 3', workshop held at Penn State October 2003.

Carnegie Bosch Institute, 2001-2002. Awarded a grant ($40k) with L.N. Van Wassenhove to organize a workshop 'Business Perspectives on Closed-Loop Supply Chains II', workshop held at INSEAD October 2002.

APICS Educational and Research Foundation, 2001-2002 Awarded grant (#01-2) $5k in funding (with J. Linton) for a case study and a monograph on ecommerce to facilitate reverse logistics.

Carnegie Bosch Institute, 2000-2001. Awarded a grant ($50k) to: (1) organize a workshop 'Business Perspectives on Closed-Loop Supply Chains', (2) write a monograph (with L.N. Van Wassenhove) on the management of closed-loop supply chains, and (3) edit (with L. N. Van Wassenhove - INSEAD) a book of refereed chapters on aspects of closed-loop supply chains.

APICS Educational and Research Foundation and the Supply Chain Council, 1999-2000. Awarded grant (#99-14) $7k in funding (with V. Jayaraman) for a series of case studies and a monograph on the interactions between reverse logistics and supply chain management.

APICS Educational and Research Foundation, 1997-1998. Awarded grant (#97-15) funding ($5k) for a survey and detailed monograph of state-of-the-art production planning and control practices in remanufacturing. APICS provided access to the remanufacturing membership and financial support for development and mailing of the survey instrument and the final monograph.

U.S. Navy, Naval Air Systems Command, 1998-1999. Awarded support as principal co-investigator (with R. Srivastava) for the second year of a multi-year grant to develop models investigating the effects of management policies, repair, and remanufacturing on repairable inventory items and resulting service levels. Funding $90k per year.
**U.S. Navy, Naval Air Systems Command**, 1996-1997. Awarded full support as principal co-investigator (with R. Srivastava) for the first year of a multi-year grant to develop models investigating the effects of management policies, repair, and remanufacturing on repairable inventory items and resulting service levels. Renewable funding, ($80k) provided for faculty release, hardware and software, research assistants.

**Service to governmental agencies at the international, Federal, state, and local levels**


**Service to business and industry**


Robert Bosch Tool Company, Addison IL, Projects include a redesign of the product returns process and transforming the division from a cost center to a profit center. June 2002 – 2010.

Lucent Technologies, N. Andover, MA. Projects include coordinating the supply chain to manage forward and reverse flows, when to supply remanufactured versus new products. March 2001 – December 2003.


**Membership on graduate degree candidates’ committees**

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Degree</th>
<th>Major</th>
<th>Year of Completion</th>
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</thead>
<tbody>
<tr>
<td>Ching-Hua Chen-Ritzo</td>
<td>Ph.D.</td>
<td>SC&amp;IS</td>
<td>2005</td>
</tr>
<tr>
<td>Yan (Diana) Wu</td>
<td>Ph.D.</td>
<td>SC&amp;IS</td>
<td>2006</td>
</tr>
<tr>
<td>Atul Rangarajan</td>
<td>Ph.D.</td>
<td>IE/OR</td>
<td>2007</td>
</tr>
<tr>
<td>Valery Pavlov</td>
<td>Ph.D.</td>
<td>SC&amp;IS</td>
<td>2009</td>
</tr>
<tr>
<td>Andreas Robotis</td>
<td>Ph.D.</td>
<td>TOM (INSEAD)</td>
<td>2005</td>
</tr>
<tr>
<td>Aejaz Kahn</td>
<td>Ph.D.</td>
<td>OM (University of Houston)</td>
<td>2010</td>
</tr>
<tr>
<td>Chetan Chimate</td>
<td>Ph.D.</td>
<td>ISE</td>
<td></td>
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<tr>
<td>Ashwin Anand</td>
<td>Ph.D.</td>
<td>ISE</td>
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**Dissertation chair**

Pinar Martin (Bocconi University) 2008 – *Organizing remanufacturing operations: A transaction cost perspective*. Placed at Cranfield University.


Bernardo Quiroga, 2015 (co-chair with Brent Moritz), *Complexity in procurement decision making*. Placed at Clemson University, College of Business and Behavioral Sciences.

Akshay Mutha (co-chaired with Saurabh Bansal), 2018, placed at the University of Vermont.

Caroline Swift, expected 2020. Placed at the University of Delaware

Case studies and course development:


Developed doctoral courses on sustainable operations, closed-loop supply chains, and an introduction to supply chain management.

Faculty director, Sustainable Supply Chains, 3-day executive education offering at Penn State Executive Education open enrollment programs.

SCM 497 – Sustainable Operations – Undergraduate class focused on sustainability and supply chains. Case research teaching format.

SCM 405 – Manufacturing and Service Operations – re-designed course philosophy and teaching content.

Education

<table>
<thead>
<tr>
<th>Degree</th>
<th>Major</th>
<th>Institution</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph.D.</td>
<td>Production &amp; Operations</td>
<td>The University of Georgia</td>
<td>1992</td>
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<tr>
<td></td>
<td>Management</td>
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<tr>
<td>M.S.</td>
<td>Industrial Management</td>
<td>Clemson University</td>
<td>1989</td>
</tr>
<tr>
<td>B.S.</td>
<td>Industrial Management &amp;</td>
<td>Clemson University</td>
<td>1987</td>
</tr>
<tr>
<td></td>
<td>Industrial Engineering</td>
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Academic positions

2014 – Present, Smeal Chaired Professor of Operations & Supply Chain Management, Department of Supply Chain and Information Systems, Smeal College of Business, Pennsylvania State University, University Park, PA.

2012 – 2013, Smeal Professor of Supply Chain Management, Department of Supply Chain and Information Systems, Smeal College of Business, Pennsylvania State University, University Park, PA.

2011 – 2012, Charles and Lillian Binder Faculty Fellow, Department of Supply Chain and Information Systems, Smeal College of Business, Pennsylvania State University, University Park, PA.

2010 – Present, Professor of Operations and Supply Chain Management, Department of Supply Chain and Information Systems, Smeal College of Business, Pennsylvania State University, University Park, PA.

2010 – Present, Professor of Operations Research (graduate faculty), Interdisciplinary program, Pennsylvania State University, University Park, PA.

2006 – 2010, Associate Professor of Operations and Supply Chain Management (with tenure), Department of Supply Chain and Information Systems, Smeal College of Business, Pennsylvania State University, University Park, PA.

2006 – 2010, Associate Professor of Operations Research (graduate faculty), Interdisciplinary program, Pennsylvania State University, University Park, PA.

2002 – 2006, Assistant Professor of Operations and Supply Chain Management, Department of Supply Chain and Information Systems, Smeal College of Business, Pennsylvania State University, University Park, PA.


1999 – 2002 Associate Professor of Operations Management, School of Business, Duquesne University, Pittsburgh, PA.

1997 – 1999 Assistant Professor of Operations Management, School of Management, Suffolk University, Boston, MA.

1994 – 1997 Assistant Professor of Operations Management, Graduate School of Logistics and Acquisition Management, Air Force Institute of Technology, WPAFB, OH.

1992 – 1994 Assistant Professor of Operations Management, College of Business Administration, Old Dominion University, Norfolk, VA.
Honors and Awards

Production and Operations Management Society *Fellow*, 2019

Academy of Management, Operations and Supply Chain Management Division, *OMSCM Distinguished Scholar*, 2018

Smeal College of Business Sustainability Faculty (research) Award 2017

*Journal of Operations Management* – Distinguished Service Award 2017

Jo van Nunen Award – *Pioneer in Closed-Loop Supply Chain Research* Award 2017

*Decision Sciences Journal* – Best Associate Editor 2010

*Journal of Operations Management* – Best Reviewer 2006

Membership in professional societies

Academy of Management, Operations and Supply Chain Management Division

Decision Sciences Institute

Institute for Operations Research and Management Science

Product and Operations Management Society

Research Impact

Accessed from Google Scholar 02/24/2020 searching “VDR Guide”