



AgEcon SEARCH

RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search

<http://ageconsearch.umn.edu>

aesearch@umn.edu

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.



Food Distribution Research Society

2017 Officers and Directors

President: Ramu Govindasamy – Rutgers University
President-Elect: Kimberly Morgan – Virginia Tech University
Past President: Kynda Curtis – Utah State University

Vice Presidents:

Education:	Kathy Kelley – Pennsylvania State University
Programs:	Margarita Velandia – University of Tennessee
Communications:	Jonathan Baros – North Carolina State University
Research:	Dawn Thilmany – Colorado State University
Membership:	Samuel D. Zapata – Texas AgriLife Extension Service
Logistics & Outreach:	Ronald L. Rainey – University of Arkansas
Student Programs:	Lurleen Walters – Mississippi State University
Secretary-Treasurer:	Clinton Neill – Virginia Tech University

Editors:

JFDR Refereed Issues:	Christiane Schroeter – California Polytechnic State University Martha Sullins – Colorado State University R. Karina Gallardo – Washington State University
Newsletter:	Lindsey Higgins – California Polytechnic State University

Journal of Food Distribution Research
Volume XLVIII Number 3
November 2017

ISSN 0047-245X

The *Journal of Food Distribution Research* has an applied, problem-oriented focus on the flow of food products and services through wholesale and retail distribution systems. Related areas of interest include patterns of consumption, impacts of technology on processing and manufacturing, packaging and transport, data and information systems in the food and agricultural industry, market development, and international trade in food products and agricultural commodities. Business, agricultural, and applied economic applications are encouraged. Acceptable methodologies include survey, review, and critique; analysis and synthesis of previous research; econometric or other statistical analysis; and case studies. Teaching cases will be considered. Issues on special topics may be published based on requests or on the editors' initiative. Potential usefulness to a broad range of agricultural and business economists is an important criterion for publication.

The *Journal of Food Distribution Research* (JFDR) is a publication of the Food Distribution Research Society, Inc. (FDRS). The journal is published three times a year (March, July, and November). JFDR is refereed in its July and November issues. A third, non-refereed issue contains Research Reports and Research Updates presented at FDRS's annual conference. Members and subscribers also receive the Food Distribution Research Society Newsletter, normally published twice a year.

JFDR is refereed by a review board of qualified professionals (see Editorial Review Board, at left). Manuscripts should be submitted to the FDRS editors (see back cover for Manuscript Submission Guidelines).

The FDRS accepts advertising of materials considered pertinent to the purposes of the Society for both the journal and the newsletter. Contact the V.P. for Membership for more information.

Lifetime membership is \$400; annual library subscriptions are \$65; professional membership is \$45; student membership is \$15 a year; and company/business membership is \$140. For international mail, add US\$20/year. Subscription agency discounts are provided.

Send change of address notifications to
Rodney Holcomb, Oklahoma State University,
Department of Agricultural Economics,
114 Food & Agricultural Products Center,
Stillwater, OK 74078;
Phone: (405) 744-6272;
Fax: (405) 744-6313;
e-mail: rodney.holcomb@okstate.edu.

Copyright © 2017 by the Food Distribution Research Society, Inc. Copies of articles in the Journal may be non-commercially reproduced for the purpose of educational or scientific advancement. Printed in the United States of America.

Indexing and Abstracting

Articles are selectively indexed or abstracted by:
AGRICOLA Database, National Agricultural Library, 10301
Baltimore Blvd., Beltsville, MD 20705.
CAB International, Wallingford, Oxon, OX10 8DE, UK.
The Institute of Scientific Information, Russian Academy of
Sciences, Baltiyskaja ul. 14, Moscow A219, Russia.

Editors

Editors, JFDR: Christiane Schroeter, California Polytechnic
Martha Sullins, Colorado State University
R. Karina Gallardo, Washington State University
Technical Editor: Amy Bekkerman, amy@precisionedits.com

Editorial Review Board

Allen, Albert, Mississippi State University (emeritus)
Boys, Kathryn, North Carolina State University
Bukenya, James, Alabama A&M University
Cheng, Hsiangtai, University of Maine
Chowdhury, A. Farhad, Mississippi Valley State University
Dennis, Jennifer, Oregon State University
Elbakidze, Levan, West Virginia State University
Epperson, James, University of Georgia-Athens
Evans, Edward, University of Florida
Flora, Cornelia, Iowa State University
Florkowski, Wojciech, University of Georgia-Griffin
Fonsah, Esendugue Greg, University of Georgia-Tifton
Govindasamy, Ramu, Rutgers University
Haghiri, Morteza, Memorial University-Corner Brook, Canada
Harrison, R. Wes, Louisiana State University
Herndon, Jr., Cary, Mississippi State University
Hinson, Roger, Louisiana State University
Holcomb, Rodney, Oklahoma State University
House, Lisa, University of Florida
Hudson, Darren, Texas Tech University
Litzenberg, Kerry, Texas A&M University
Mainville, Denise, Denise Mainville Consulting, LLC
Malaga, Jaime, Texas Tech University
Mazzocco, Michael, Verdant Partners, LLC
Meynsse, Patricia, Southern Univ. /A&M College-Baton Rouge
Muhammad, Andrew, USDA Economic Research Service
Nalley, Lanier, University of Arkansas-Fayetteville
Ngange, William, North Dakota State University
Novotorova, Nadehda, Augustana College
Parcell, Jr., Joseph, University of Missouri-Columbia
Regmi, Anita, USDA Economic Research Service
Shaik, Saleem, North Dakota State University
Stegelin, Forrest, University of Georgia-Athens
Tegegne, Fisseha, Tennessee State University
Thornsbury, Suzanne, USDA Economic Research Service
Toensmeyer, Ulrich, University of Delaware
Tubene, Stephan, University of Maryland-Eastern Shore
Wachenheim, Cheryl, North Dakota State University
Ward, Clement, Oklahoma State University
Wolf, Marianne, California Polytechnic State University
Woods-Renck, Ashley, University of Central Missouri
Yeboah, Osei, North Carolina A&M State University

Food Distribution Research Society

<http://www.fdrsinc.org/>



Journal of Food Distribution Research

Volume XLVIII, Number 3 / November 2017

Table of Contents

Research

- 1 Supply Chain Barriers to Healthy, Affordable Produce in Phoenix-Area Food Deserts** *Gina Lacagnina, Renee Hughner, Cristina Barroso, Richard Hall, and Christopher Wharton* 1–15
- 2 Impacts of Food Safety Recalls and Consumer Information on Restaurant Performance** *J. Ross Pruitt and Rodney B. Holcomb* 16–30
- 3 Consumer Willingness to Pay for Local Wines and Shopping Outlet Preferences** *Connie Everett, Kim Jensen, David Hughes, and Chris Boyer* 31–50
- 4 Understanding Spending Habits and Buying Behavior of the American Muslim Community: A Pilot Study** *Oral Capps, Jr., Asma Ahad, and Peter S. Murano* 51–74