Dr. Bruce R. Harte is Professor at the School of Packaging, Michigan State University, and an Adjunct Professor in the Department of Food Science and Human Nutrition. He has been a member of the packaging faculty since January, 1979, and was Director of the School 1993 – April 1, 2004. He was Acting Director of the School of Packaging from January 1, 1986 – June 30, 1986, and was Associate Director of the School’s Center for Food and Pharmaceutical Packaging Research from its inception in 1987 – 2007. Dr. Harte was an executive board member of the International Association of Packaging Research Institutes from 1993 – 2003. Dr. Harte was selected to the Packaging Hall of Fame in 2004 and in 2010 was made a Distinguished Professor of Michigan State University.

Some major School of Packaging initiatives which took place during his time as Director include:

- Development of two overseas study programs for Packaging students, Packaging in Japan and Packaging in Spain
- Development of the World’s first Packaging PhD in 1996.
- Development of an on-line curriculum in packaging including the World’s first on line Master degree, in 2001
- WORLD PAK 2002, Dr. Harte was chair of the organizing committee which drew almost 500 people from 24 countries for a six day conference which is still the most successful IAPRI conference ever held
- Major upgrades to the laboratories, infrastructure and instrumentation of the packaging laboratories
- Addition of several faculty members to the School

Dr. Harte’s research interests include product/package interaction and compatibility, product stability and quality maintenance, barrier packaging, active packaging, material science applications to packaging including bio-based materials, and product-process-package system development. Much of his work has been cross disciplinary with Food Science and Human Nutrition, Horticulture, and Bio-systems engineering. Dr. Harte has had substantial interaction with the packaging and manufacturing industries, both in the U.S. and internationally.

**PUBLICATIONS**


The Influence of Selected Barriers and Oxygen Absorbers on the Stability of Oat Cereal During Storage.


BOOKS


BOOK CHAPTERS


PROCEEDINGS


Diffusion of 2-Tertiary Butyl-4-Methoxyl Phenol (BHA) and 3,5-Diteritary Butyl-4-Hydroxy Toluene (BHT) from Polyethylene Film and Effectiveness of Controlled Release of BHT as a Product Antioxidant. J.K. Han, J. Giacin, P. Hoojjat, and B.R. Harte. Published as part of the proceedings of the 12th IAPRI Symposium, Vienna, Austria. September, 1984.


Harmful Effects of Packaging on Food Products. B.R. Harte, A. Brzozowska, J. Giacin, C. Mannheim. Published as part of the proceedings of the Korea International Packaging Exhibition. 1985.


Use of the Enose to Quantify E. Coli in Packaged Alfalfa Sprouts. U. Siripatrawan, J. Linz, B. Harte. Published in the proceedings of the 12th IAPRI Conference in Warsaw, Poland. 2001.


The shelf life of Tart Cherries and consumer acceptability as effected by Packaging. M.P. Gonzalez, D. Twede, B. Harte, J. Harte, S. Thornsbury. Published in the proceedings of 16th IAPRI Symposium, 2007


Performance comparison of Modified Atmosphere Packaging (MAP) and Vacuum Skin Packaging (VSP) to maintain quality of fresh Michigan green Asparagus. J. Shin, B. Harte, J. Harte, K. Dolan. Published in the proceedings of the 16th IAPRI World Conference, Bangkok Thailand, 2008


Reusable pallet ownership packaging-logistics interface: US grocery retailer perceptions, Cristina Guzman-Siller, Diana Twede, Diane Mollenkopf, S. Paul Singh, Bruce Harte and M. Bixby Cooper. Published in the proceedings of the16th IAPRI World Conference, Bangkok, Thailand, 2008


Michigan State University comes to Dubai. B. Harte and S. Selke. Published in the proceedings of the 16th IAPRI World Conference, Bangkok Thailand, 2008


PATENTS


B-cyclodextrins as nucleating agents for Polylactide (PLA). E. Almenar, R. Auras, B. Harte, M. Rubino, submitted as a provisional patent, invention disclosure # 08-011, 2007

HONORS/AWARDS

Alpha Zeta – Kedzie Chapter, 1988. Distinguished Teaching Award

Alpha Zeta – Kedzie Chapter, 1994. Distinguished Faculty Service Award

Institute of Food Technologists, Food Packaging Division. Reister-Davis Award for Outstanding Achievement in Food Packaging, 2001

National Institute of Packaging, Handling, and Logistics Engineers. The John C. Wilford Memorial Award for Outstanding Achievement in Packaging, 2001

Institute of Packaging Professionals. Selected as a “Fellow” in Recognition of Outstanding Professional Achievement and Service to the Field of Packaging, 2001

MSU, School of Packaging Alumni Association Hall of Fame - 2003

MSU, Department of Food Science and Human Nutrition, outstanding alumni - 2004

Selected to the Packaging Hall of Fame for lifetime achievement- 2006

MSU, College of Education for lifetime achievement in education, the Crystal Apple Award 2007

MSU, Selected as a University Distinguished Professor, 2010