



## Publications Authored/Co-Authored by Students

2011 – 2021 (Highlighted names are students)

### 2011

- S. Malasri, P. Shiue, **A. Lawrence**, L. Rutledge, and R. Moats, "Preliminary Study of Plastic Tote Drop Impact," *Proc. of the MAESC 2011 Conference*, Memphis, Tennessee, May 3, 2011.
- L. Rutledge, S. Malasri, and **A. Lawrence**, "Distribution Tote Testing," *Proc. of the 2011 Int'l Transport Packaging Forum*, International Safe Transit Association, Orlando, Florida, April 18-21, 2011.

### 2012

- S. Malasri, A. Pourhashemi, **P. Aung**, **M. Harvey**, and **R. Moats**, "Water Absorption of Wooden Pallets," *International Journal of Applied Science and Technology*, Vol. 2, No. 9, pp 1 - 10, November 2012.
- S. Malasri, A. Pourhashemi, R. Brown, **M. Harvey**, **K. Godwin**, **P. Aung**, **J. Laney**, and **R. Moats**, "Effect of High Temperature to Compressive Strength and Impact Acceleration of New Softwood Pallets," *Proceedings of the 2012 HPC Fall Meeting*, Memphis, TN, November 12, 2012.
- R. Brown, A. Ray, and **S. Tsai**, "Correlating Peel & Burst Test Data for Unrestricted Pouches with Fin Seal Edges," *Proc. of the MAESC 2012 Conference*, Memphis, TN, May 1, 2012.
- S. Malasri, **P. Aung**, **E. Edwards**, **J. Archer**, **K. Moser**, and P. Shiue, "Distribution Tote Testing: A Weight Study," *Proc. of the MAESC 2012 Conference*, Memphis, TN, May 1, 2012.
- S. Malasri, **P. Aung**, **K. Moser**, **M. Warren**, **R. Jordan**, **M. Harvey**, and **A. Siow**, "Subsequent Impact Acceleration Analysis of Air Pillow Study," *Proc. of the MAESC 2012 Conference*, Memphis, TN, May 1, 2012.
- S. Malasri, A. Pourhashemi, R. Moats, **M. Harvey**, and **P. Aung**, "Water Absorption of Wooden Pallets: A Preliminary Study," *Proc. of the MAESC 2012 Conference*, Memphis, TN, May 1, 2012.
- S. Malasri, **A. Siow**, **K. Moser**, **M. Harvey**, **P. Aung**, **M. Warren**, **R. Jordan**, **E. Edwards**, and P. Shiue, "Estimating Drop Height from Saver's Impact Acceleration," *Proc. of the MAESC 2012 Conference*, Memphis, TN, May 1, 2012.
- **K. Powers**, **M. Warren**, and R. Brown, "Packaging Analysis," *Proc. of the MAESC 2012 Conference*, Memphis, TN, May 1, 2012.
- S. Malasri, R. Moats, **J. Archer**, P. Shiue, R. Brown, and L. Rutledge, "Plastic Tote Drop Impact Study," *J. of Packaging*, Institute of Packaging Professionals, January 2012.

### 2013

- S. Malasri, A. Pourhashemi, R. Moats, **M. Harvey**, **R. Wauford**, **D. Guerrero**, **P. Held**, **G. M. Martinez**, **E. Malone**, **C. Nguyen**, **M. Ohlwein**, **I. Griffith**, and **F. Worthy**, "Effect of Cushion Placed on Wooden Pallet," *International Journal of Advanced Packaging Technology*, Vol. 1, No. 1, pp. 53 – 59, December 30, 2013.
- S. Malasri, A. Pourhashemi, R. Brown, **M. Harvey**, R. Moats, **K. Godwin**, and **P. Aung**, "Effect of Temperature on Static and Impact Properties of New Softwood Pallets," *International Journal of Advanced Packaging Technology*, Vol. 1, No. 1, pp. 30 – 39, November 2, 2013.
- **M. Harvey**, S. Malasri, and A. Ray, "Considerations in Developing a State-of-the-Art Packaging Lab," *Proceedings of the MAESC 2013 Conference*, Oxford, MS, October 28 – 29, 2013.
- S. Malasri, **P. Aung**, A. Pourhashemi, R. Moats, and T. Sullivan, "Mold & Wooden Pallets: A Preliminary Study," *Proceedings of the MAESC 2013 Conference*, Oxford, MS, October 28 – 29, 2013.
- S. Malasri, **N. McKee**, **M. Harvey**, **I. Griffith**, and J. Ventura, "Psychometric Neural Networks," *Proceedings of the MAESC 2013 Conference*, Oxford, MS, October 28 – 29, 2013.

- **K. Powers, M. Warren,** and R. W. Brown, “Recycled Cardboard Comparison,” *International Journal of Advanced Packaging Technology*, Vol. 1, No. 1, pp. 22 – 29, October 15, 2013.
- S. Malasri, **M. Harvey,** R. Moats, J. Aflaki, A. Pourhashemi, **G.M. Martinez,** and **P. Held,** “Effect of Wet-Dry Cycles on Compressive Strength and Impact Properties of New Softwood Pallets,” *International Journal of Advanced Packaging Technology*, Vol. 1, No. 1, pp. 15 – 21, October 1, 2013.
- **K. Powers, M. Warren,** and R. W. Brown, “Peel Test Comparison,” *International Journal of Advanced Packaging Technology*, Vol. 1, No. 1, pp. 11 – 14, October 1, 2013.
- S. Malasri, J. Aflaki, A. Pourhashemi, R. Moats, **M. Harvey, P. Aung, K. Godwin, W. Siow, R. Jordan, J. Laney, N. Sampson, L. Garcia,** and **R. Stevens,** “Effect of Water Content on Compressive Strength and Impact Properties of New Softwood Pallets,” *International Journal of Advanced Packaging Technology*, Vol. 1, Issue 1, pp 1 - 10, January 24, 2013.
- S. Malasri, **W. Siow, M. Harvey, P. T. Aung, R. Jordan,** P. Shiue, and R. Brown, “Estimating Tote Drop Height & Impact Acceleration from a Transportation Recorder,” *IoPP Journal of Packaging*, Institute of Packaging Professionals, January 2013.

## 2014

- **W. Alnashwan, B. Aloumi,** S. Malasri, **M. Kist, A. Othmani, R. Fotso, M. Johnson, S. Polania,** and **Y. Sanchez-Luna,** “Shock Absorption of Crumb Rubber and Coconut Fiber,” *International Journal of Advanced Packaging Technology*, Vol. 2, No. 1, pp 119 - 128, December 27, 2014.
- D. Choudhary, S. Malasri, **M. Harvey,** and **A. Smith,** “Time-Frequency Analysis of Shock and Vibration Measurements Using Wavelet Transforms,” *International Journal of Advanced Packaging Technology*, Vol. 2, No. 1, pp. 60 – 69, 2014.
- **M. Kist** and S. Malasri, “Truck Vibration Transmissibility through a Wooden Pallet: A Preliminary Study,” *Proceedings of the 2014 HPC Fall Meeting*, Memphis, TN, November 14, 2014.
- S. Malasri, **R. Stevens, A. Othmani, M. Harvey, I. Griffith, D. Guerrero, M. Johnson, M. Kist, C. Nguyen, S. Polania, A. Qureshi,** and **Y. Sanchez- Luna,** “Rice Hulls as a Cushioning Material,” *International Journal of Advanced Packaging Technology*, Vol. 2, No. 1, pp. 112 – 118, 2014.

## 2015

- **B. Aloumi, W. Alnashwan,** S. Malasri, **A. Othmani, M. Kist, N. Sampson, S. Polania, Y. Sanchez-Luna, M. Johnson,** and R. Fotso, “Experimental Verification of McKee Formula,” *International Journal of Advanced Packaging Technology*, Vol. 3, No. 1, pp 129-137, February 13, 2015.
- **A. Bonner** and **B. Loving,** “Pizza Box Design,” *PACKCON Online Magazine*, October 16, 2015.
- **A. Byrd, A. Bonner, C.Hare, O. Koonce, A. Rodriguez-Vizcaino, A. Youngblood,** S. Malasri, and R. Moats, “Bulging: Soda vs Water Bottles,” *Proceedings of the PACKCON 2015 Conference*, pp 25-28, December 28, 2015.
- S. Malasri, **S. Baroth, S. Cherukuri, S. Gurram, H. Vadlapatla,** and R. Moats, “Estimating Corrugated Box Strength,” *Proceedings of the PACKCON 2015 Conference*, pp 11 - 14, September 13, 2015.
- S. Malasri, A. Pourhashemi, R. Moats, **A. Herve, J. Ferris,** A. Ray, and R. Brown, “Effect of Temperature on Drinking Water Bottles,” *International Journal of Advanced Packaging Technology*, Vol. 3, No. 1, pp 147-157, May 18, 2015.
- S. Malasri, **P. Tiapradit, S. Russell, P. Poonpurmsiri, C. Tarkarnviroj,** A. Pourhashemi, R. Moats, and **B. Hudson,** “Insulation Effectiveness of Rice Hull,” *International Journal of Advanced Packaging Technology*, 3(1), 158-168, 2015.
- **S. Russell,** “Packaging Development: Saving the World,” *PACKCON Online Magazine*, October 16, 2015.
- **S. Russell,** S. Malasri, **P. Poonpurmsiri, C. Tarkarnviroj, P. Tiapadit,** A. Pourhashemi, R. Moats, and **B. Hudson,** “Insulation Effectiveness Comparison of Rice Hull, Coconut Fiber, and Crumb Rubber,” *Proceedings of PACKCON 2015 Conference*, pp 4 - 7, September 2, 2015.
- **J. Vazquez,** “OLED Technology,” *PACKCON Online Magazine*, October 16, 2015.
- **C. Wadlington, N. Nguyen, Z. Zheng, B. Loving,** and S. Malasri, “Validation of CBU-BOX1 Neural Network,” *Proceedings of the PACKCON 2015 Conference*, pp 21 - 24, December 16, 2015.
- **M. Wolfe** and S. Malasri, “Packaging Sustainability in Medical Device Industry,” *Proceedings of the PACKCON 2015 Conference*, pp 8 - 10, September 12, 2015.
- **A. Youngblood,** “Ecovative and Mushrooms in Packaging,” *PACKCON Online Magazine*, October 16, 2015.

## 2016

- **A. Byrd**, "Plant-Based Packaging Materials," *PACKCON Online Magazine*, January 6, 2016.
- **H. Campbell** and A. Ray, "PEN, a Novel & Versatile Material Used for Packaging and Other Applications," *PACKCON Online Magazine*, April 19, 2016.
- **Y. K. Devabakthni**, "Polymers in Food Packaging," *PACKCON Online Magazine*, November 17, 2016.
- **C. Hare**, "Biodegradable Foams," *PACKCON Online Magazine*, April 19, 2016.
- **T. Henderson** and A. Ray, "Expandable Plastics," *PACKCON Online Magazine*, May 24, 2016.
- **G. Johns**, "Accelerated Aging: Medical Package Testing," *PACKCON Online Magazine*, May 24, 2016.
- **O. Koonce** and **A. Rodriguez-Vizcaino**, "Packaging and Landfills," *PACKCON Online Magazine*, April 19, 2016.
- **S. M. Kota**, "Beverage Cartons," *PACKCON Online Magazine*, August 28, 2016.
- S. Malasri, **P. Rayapati**, and **D. Kondeti**, "Predicting Corrugated Box Compression Strength Using an Artificial Neural Network," *International Journal of Advanced Packaging Technology*, Volume 4, Number 1, pp 169-176, January 29, 2016.
- **N. Nguyen**, "Book Review: Pharmaceutical Packaging Technology by Suidha Rayhana," *PACKCON Online Magazine*, January 6, 2016.
- **N. Nguyen**, "Waterproofing Corrugated Containers," *PACKCON Online Magazine*, August 28, 2016.
- **N. Reeder** and A. Ray, "Closures in the Medical Industry," *PACKCON Online Magazine*, April 19, 2016.
- **S. Russell**, "Active and Intelligent Packaging," *PACKCON Online Magazine*, May 24, 2016.
- **S. Russell**, **C. Hare**, **D. Guerrero**, **M. Johnson**, **J. Vazquez**, **T. Dickinson**, S. Malasri, R. Moats, and A. Pourhashemi, "Insulation Effectiveness of Coconut Fiber," *Proceedings of PACKCON 2016 Conference*, pp 29-33, February 1, 2016.
- **R. Suryadevara**, "Sterilization," *PACKCON Online Magazine*, August 28, 2016.
- **E. Thomas**, "Humidity Sensors," *PACKCON Online Magazine*, November 17, 2016.
- **E. Thomas**, "Cold Chain Packaging: An Exploration of the Industry," *PACKCON Online Magazine*, August 28, 2016.
- **V. Thota**, "Packaging to Prevent Molds," *PACKCON Online Magazine*, November 17, 2016.
- **C. Wadlington**, "Drones in Packaging Distribution," *PACKCON Online Magazine*, May 24, 2016.
- **M. Wolfe**, "Proper Packaging for Forensic Evidence Can Save Innocent Lives," *PACKCON Online Magazine*, November 17, 2016.
- **Z. Zheng**, "3D Printing in Packaging Design," *PACKCON Online Magazine*, January 6, 2016.

## 2017

- **F. Y. Almushayqih**, "Packing Peanuts," *PACKCON Online Magazine*, January 16, 2017.
- **A. Bonner** and **B. Loving**, "Drone Delivery," *PACKCON Online Magazine*, June 9, 2017.
- **H. Campbell** and **V. Thota**, "Demand for Improved Packaging for Pet Food," *PACKCON Online Magazine*, January 16, 2017.
- **S. Chennamaneni**, **B. Chintalapati**, S. Malasri, and K. Dunno, "Shock Absorption of Bubble Wraps," *Proceedings of the IESTOC Conference*, 15 (1), 1-5, January 14, 2017.
- **Y. K. Devabakthni**, **L. H. Tummala**, and S. Malasri, "Moisture Absorption Rate & Its Effect on Edge Crush Strength of Paper Products," *Proceedings of the IESTOC Conference*, 15(2), 39-44, July 18, 2017.
- **E. Edwards** and S. Malasri, "UN Hazardous Material Package Testing Certification," *Proceedings of the IESTOC Conference*, 15(1), 27-33, May 31, 2017.
- **J. Housewirth**, "The Importance of Plastic Polymers in Packaging," *PACKCON Online Magazine*, January 16, 2017.
- **H. Howard**, "Waterproofing Cardboard," *PACKCON Online Magazine*, June 9, 2017.
- **G. Johns**, "Multi-Axial Shaker Table," *PACKCON Online Magazine*, October 31, 2017.
- **G. Johns**, **J. Housewirth**, and S. Malasri, "Corrugated Box Corner Design," *Proceedings of the IESTOC Conference*, 15(2), 63-67, September 27, 2017.
- **A. Kanneti**, **A. Chava**, and S. Malasri, "Effectiveness of Insulation Materials for Packaging of Temperature Sensitive Products," *Proceedings of the IESTOC Conference*, 15 (1), 6-10, January 24, 2017.
- **S. M. Kota**, **R. Suryadevara**, and S. Malasri, "Corrugated Box Compression Strength Humidity Adjustment Factor," *Proceedings of the IESTOC Conference*, 15(1), 17-22, April 19, 2017.
- **J. A. Moses**, "Bags So Light They Might Take Flight," *PACKCON Online Magazine*, October 31, 2017.
- **B. Payne**, "Regulation and Traceability of Manufacturing: Barcodes," *PACKCON Online Magazine*, October 31, 2017.
- **C. Payne**, "Over-Packaging," *PACKCON Online Magazine*, October 31, 2017.
- **S. T. Sabbarapu** and **S. Dhanpal**, "Humidity Sensors," *PACKCON Online Magazine*, June 9, 2017.

2018

- **S. T. Sabbarapu, H. Rudraram,** and S. Malasri, "Low Cost Adjustable Test Chamber," *Proceedings of the IESTOC Conference*, 15(2), 45-49, July 25, 2017.
- **E. Thomas,** "Distribution Packaging and Protective Cushioning," *PACKCON Online Magazine*, January 16, 2017.
- **E. Thomas,** "Phytosanitary Methods for Treating Wood Packaging Materials," *PACKCON Online Magazine*, June 9, 2017.
- **E. Thomas,** S. Malasri, R. Moats, and D. Schrecongost, "Low Cost Temperature & Humidity Chamber," *International Journal of Advanced Packaging Technology*, 5(1), 258-266, January 24, 2017.
- **E. Aguilar,** "Recyclability of Plastics," *PACKCON Online Magazine*, December 9, 2018.
- **E. Aguilar,** "Different Types of Healthcare Packaging and Its Materials," *PACKCON Online Magazine*, April 12, 2018.
- **J. Davenport,** "Pharmaceutical Packaging," *PACKCON Online Magazine*, January 7, 2018.
- **D. Duckworth, J. Housewirth, B. Payne, C. Jimenez,** and S. Malasri, "Effect of Drinking Water Bottle Arrangement to Multi-Pack Vertical Compression Strength under Semi-Confinement Condition," *International Journal of Advanced Packaging Technology*, 6(1), 284-291, August 22, 2018.
- **J. Housewirth,** "Wooden Pallets," *PACKCON Online Magazine*, October 31, 2018.
- **J. Housewirth,** "All About Tyvek and How It Is Used in Medical Device Packaging," *PACKCON Online Magazine*, June 7, 2018.
- **J. Housewirth,** "Medical Device Industry in Memphis Area," *PACKCON Online Magazine*, April 12, 2018.
- **J. Housewirth, D. Duckworth, C. Jimenez, B. Payne, Y. Sanchez-Luna,** and S. Malasri, "Optimum Corner Offset for Cubical Corrugated Boxes," *International Journal of Advanced Packaging Technology*, 6(1), 275-283, August 11, 2018.
- **J. Housewirth, G. Johns, Y. Sanchez-Luna, B. Jordan, E. Aguilar, H. Howard, D. Duckworth,** and S. Malasri, "Two-Angle Corner Corrugated Box Compression Strength: A Preliminary Study," *Proceedings of the IESTOC Conference*, 16(1), 94-98, June 29, 2018.
- **H. Howard,** "Glass Bottles - Benefits of Glass Packaging," *PACKCON Online Magazine*, October 31, 2018.
- **C. Jimenez,** "Sustainable Packaging," *PACKCON Online Magazine*, April 12, 2018.
- **B. Jordan,** "Extending Shelf-Life Via Packaging," *PACKCON Online Magazine*, January 3, 2018.
- **B. Jordan, E. Aguilar, H. Howard, J. Housewirth, G. Johns, Y. Sanchez-Luna, D. Duckworth,** and S. Malasri, "Semi-Confined Compression Strength of Drinking Water Bottles," *Proceedings of the IESTOC Conference*, 16(1), 90-93, June 15, 2018.
- **B. Jordan** and **Y. Sanchez,** "Re-Board," *PACKCON Online Magazine*, June 7, 2018.
- **L. Luna,** "Applications of 3D Printing Technology in Packaging," *PACKCON Online Magazine*, October 31, 2018.
- S. Malasri, **B. Jordan, E. Aguilar, H. Howard, J. Housewirth, G. Johns, Y. Sanchez-Luna,** and **D. Duckworth,** "Semi-Confined Compression Test of Drinking Water Bottles," *Proceedings of the 2018 HPC Spring Meeting*, April 20, 2018. (Abstract)
- S. Malasri, **J. Housewirth, G. Johns, Y. Sanchez-Luna, B. Jordan, E. Aguilar, H. Howard,** and **D. Duckworth,** "Two-Angle Corrugated Box Corner Design," *Proceedings of the 2018 HPC Spring Meeting*, April 20, 2018. (Abstract)
- **J. Housewirth, G. Johns, Y. Luna, S. Pala,** S. Malasri, and K. Dunno, "Vibration Study of Continuous Bubble Wrap," *Proceedings of the IESTOC Conference*, 16(1), 82-89, February 22, 2018.
- **S. Pala,** "Aluminum Alloys in Packaging," *PACKCON Online Magazine*, December 9, 2018.
- **S. Pala,** "Bioplastic and Sustainability," *PACKCON Online Magazine*, January 3, 2018.
- **B. Payne,** "The Technical and Sustainable Processes of Aerosol," *PACKCON Online Magazine*, December 9, 2018.
- **B. Payne,** "The Decrease of Cost for Packaging Production," *PACKCON Online Magazine*, June 7, 2018.
- **B. Payne,** "Thermal Control for the Preservation of Food and Medical Supplies," *PACKCON Online Magazine*, April 12, 2018.
- **R. Pham,** "E-Commerce Packaging," *PACKCON Online Magazine*, January 7, 2018.
- **Y. Sanchez-Luna, S. Pala, J. Housewirth, G. Johns,** and S. Malasri, "Compression Strength of Corrugated Box Corner Stiffeners," *Proceedings of the IESTOC Conference*, 16(1), 77-81, February 3, 2018.
- **K. Snow,** "Corrugated Packaging," *PACKCON Online Magazine*, June 7, 2018.
- **Z. Tabor,** "Glass in a New Light," *PACKCON Online Magazine*, December 9, 2018.
- **A. Waller,** "Packaging for E-Commerce as Driven by Amazon.com," *PACKCON Online Magazine*, October 31, 2018.

- **A. Brown**, “Inside the Unboxing,” *PACKCON Online Magazine*, March 18, 2019.
- **V. Cervante**, “Metal Cans,” *PACKCON Online Magazine*, January 28, 2019.
- **M. Deutsch**, “Packaging Peanuts,” *PACKCON Online Magazine*, October 21, 2019.
- **D. Duckworth, V. Cervantes, A. Waller, D. Gamez, J. Housewirth, Y. Sanchez**, and S. Malasri, “Learning by Doing: Properties of Corrugated Fiberboard and Box,” *Proceedings of the IESTOC Conference*, 17(1), 131-138, 2019.
- **D. Duckworth, G. Johns, K. Snow, J. Davenport, J. A. Moses, V. Cervantes, A. Waller, D. Gamez, J. Housewirth, Y. Sanchez**, and S. Malasri, “Learning by Doing: Buckling of Corrugated Fiberboard and Box,” *Proceedings of the IESTOC Conference*, 17(1), 139-145, 2019.
- **D. Duckworth, K. Snow, A. Moses, J. Housewirth, G. Johns, J. Davenport**, and S. Malasri, “Corrugated Box Compression Strength Enhancement,” *International Journal of Advanced Packaging Technology*, 7(1), 300-306, November 11, 2019.
- **E. Edwards**, “What’s in a Package: Perishable Packaging Containers and Coolants,” *PACKCON Online Magazine*, April 24, 2019.
- **V. Fantaziu**, “Pharmaceutical Packaging,” *PACKCON Online Magazine*, December 2, 2019.
- **C. Gordy**, “The Most Important Package,” *PACKCON Online Magazine*, April 24, 2019.
- **C Gordy**, “The Uses of Kraft Paper in Packaging,” *PACKCON Online Magazine*, October 21, 2019.
- **J. Housewirth**, “Unique Device Identification,” *PACKCON Online Magazine*, January 28, 2019.
- **C. Jimenez**, “Waterproofing Corrugated/Cardboard Containers,” *PACKCON Online Magazine*, April 25, 2019.
- **C. Jimenez** and S. Malasri, “Box Interior Investigation During Drop & Vibration Tests,” *Proceedings of the 2019 HPC Spring Meeting*, April 26, 2019. (Abstract)
- **B. Knighton**, “I’ll Drink to That!,” *PACKCON Online Magazine*, March 18, 2019.
- **B. Knighton, A. Brown, C. Gordy, Z. Tabor, H. Alhajri, M. Al Assi, D. Duckworth**, S. Malasri, E. Cloud, A. Chesney, and L. McAbee, “Product Protection and Packaging Operations Improvement,” *International Journal of Advanced Packaging Technology*, 7(1), 307-317, December 21, 2019.
- S. Malasri, **A. Brown, C Gordy, B. Knighton, A. Moses, K. Nicholson**, and **Z. Tabor**, “Effect of Slenderness to Corrugated Fiberboard and Boxes,” *Proceedings of the 2019 HPC Fall Meeting*, Memphis, TN, November 15, 2019. (Abstract)
- S. Malasri, **A. Brown, C Gordy, B. Knighton**, and **Z. Tabor**, “Packaging Improvement for Thistle & Bee,” *Proceedings of the 2019 HPC Fall Meeting*, Memphis, TN, November 15, 2019. (Abstract)
- S. Malasri, **D. Duckworth, A. Moses, K. Snow, J. Housewirth, G. Johns**, and **J. Davenport**, “Box Compression Strength Enhancement,” *Proceedings of the 2019 HPC Fall Meeting*, Memphis, TN, November 15, 2019. (Abstract)
- S. Malasri, **D. Duckworth, G. Johns, K. Snow, J. Davenport, A. Moses, V. Cervantes, A. Waller, D. Gamez, J. Housewirth**, and **Y. Sanchez**, “Buckling of Corrugated Fiberboard and Box,” *Proceedings of the 2019 HPC Spring Meeting*, April 26, 2019. (Abstract)
- S. Malasri, **A. Waller**, and **D. Duckworth**, “Christian Brothers University (ST-9655) Packaging Lab Recertification,” *Final Report for International Safe Transit Association*, 96 pages, August 19, 2019.
- **A. Moses**, “Packaging Crime Scene Evidence,” *PACKCON Online Magazine*, October 21, 2019.
- **A. Moses**, “Meal Kit Packaging,” *PACKCON Online Magazine*, December 2, 2019.
- **K. Nicholson**, “Effects of Product Packaging on Consumer Behavior,” *PACKCON Online Magazine*, October 21, 2019.
- **C. Payne**, “Medical Device Packaging Validation,” *PACKCON Online Magazine*, March 18, 2019.
- **T. Podesta**, “A World Without Waste – Exploring Coca-Cola’s New Sustainable Packaging Goal,” *PACKCON Online Magazine*, January 28, 2019.
- **G. Price**, “Packaging Materials,” *PACKCON Online Magazine*, December 2, 2019.
- **C. Samaniego**, “Alternative Packaging for a Greener World,” *PACKCON Online Magazine*, March 18, 2019.
- **K. Snow**, “The World of Packaging Materials,” *PACKCON Online Magazine*, January 28, 2019.
- **K. Snow** and S. Malasri “Learning by Doing: Environmental Chamber,” *Proceedings of the IESTOC Conference*, 17(1), 146-152, 2019.
- **K. Snow** and S. Malasri, “Limits of Temperature and Relative Humidity Combinations in an Environmental Chamber,” *Proceedings of the 2019 HPC Spring Meeting*, April 26, 2019. (Abstract)
- **Z. Tabor**, “Tech Packaging,” *PACKCON Online Magazine*, April 25, 2019.
- **G. Valverde**, “The Evolution of Plastic Bags,” *PACKCON Online Magazine*, December 2, 2019.

## 2020

- **T. Ayesh**, “Packaging Waste,” *PACKCON Online Magazine*, December 15, 2020.
- **D. Lindsey**, “Sterile Packaging for Medical Devices,” *PACKCON Online Magazine*, December 15, 2020.
- **P. Pounds**, “Plastic Packaging’s Major Flaw; Advancements and Alternatives to Overcoming Plastic Packaging,” *PACKCON Online Magazine*, December 15, 2020.
- **D. Duckworth**, “The Truth Behind Greenwashing,” *PACKCON Online Magazine*, December 15, 2020.
- **S. Malasri, G. Valverde, T. Podesta, D. Duckworth, and K. Nicholson**, “Humidity Effect on Corrugated Box Axial Stiffness,” *Proceedings of the 2020 HPC Fall Virtual Meeting*, December 4, 2020. (Abstract)
- **S. Malasri, R. Pham, M. Assi, D. Duckworth, and K. Nicholson**, “Gel Weight Estimation for Cold-Chain Packaging,” *Proceedings of the 2020 HPC Fall Virtual Meeting*, December 4, 2020. (Abstract)
- **D. Darden-Webb**, “Packaging and COVID-19,” *PACKCON Online Magazine*, August 9, 2020.
- **W. Pritchard**, “Cold Chain Management Using Hazard Analysis and Critical Control Points – Cryogenic and Deep Freezing of Pharmaceuticals, Biologics and Foods,” *PACKCON Online Magazine*, August 9, 2020.
- **J. Rubino**, “Packaged Waste from the Online Consumer,” *PACKCON Online Magazine*, August 9, 2020.
- **D. Duckworth**, “The HP Indigo 20000,” *PACKCON Online Magazine*, August 6, 2020.
- **R. Pham, M. Assi, D. Duckworth, K. Snow, K. Nicholson, and S. Malasri**, “Gel Weight Estimation for Cold-Chain Packaging,” *International Journal of Advanced Packaging Technology*, 8(1), 318-326, July 7, 2020.
- **G. Price**, “Are There Better Alternatives Than Wood Pallets?” *PACKCON Online Magazine*, May 22, 2020.
- **K. Nonhprasith**, “Making the World a Better Place,” *PACKCON Online Magazine*, May 22, 2020.
- **M. Arnett**, “What Keeps Packages Safe?” *PACKCON Online Magazine*, May 22, 2020.
- **V. Fantaziu**, “Materials Used for Packaging,” *PACKCON Online Magazine*, May 21, 2020.
- **T. Podesta, K. Snow, D. Duckworth, K. Nicholson, and S. Malasri**, “Corrugated Box Stiffness: A Preliminary Study,” *Proceedings of the IESTOC Conference*, 18(1), 196-202, April 22, 2020.
- **M. Assi, D. Duckworth, K. Snow, R. Pham, K. Nicholson, and S. Malasri**, “Estimating Gel Pack Amount for Shipping of Temperature Sensitive Products: A Preliminary Study,” *Proceedings of the IESTOC Conference*, 18(1), 190-195, April 21, 2020.
- **B. Jordan**, “The Revolution of the Pulp and Paper Industry,” *PACKCON Online Magazine*, April 5, 2020.
- **I. Dover**, “The Future of Biorefineries and Environmental Sustainability,” *PACKCON Online Magazine*, April 5, 2020.
- **M. Assi**, “Biodegradable Plastics,” *PACKCON Online Magazine*, April 5, 2020.
- **E. Aguilar**, “Edible Food Packaging,” *PACKCON Online Magazine*, April 5, 2020.
- **C. Gordy**, “Paper-Related Testing,” *PACKCON Online Magazine*, January 27, 2020.
- **R. Pham**, “Cut the Plastic. Save the Planet,” *PACKCON Online Magazine*, January 27, 2020.
- **M. Arnett**, “Tech Packaging,” *PACKCON Online Magazine*, January 27, 2020.
- **B. Knighton**, “Packaging Electric Cars,” *PACKCON Online Magazine*, January 27, 2020.

## 2021

- **T. Ayesh**, “Distribution Hazards,” *PACKCON Magazine*, December 14, 2021.
- **N. Chowdhury**, “Coca-Cola’s PlantBottle Revolutionizing Packaging,” *PACKCON Magazine*, December 14, 2021.
- **G. Feathers**, “Steps to Designing a Sterile Medical Device Package,” *PACKCON Magazine*, December 14, 2021.
- **M. McClure**, “Development of Red Meat Packaging and How it Influences Consumer Purchasing,” *PACKCON Magazine*, December 14, 2021.
- **S. Malasri, T. Ayesh, P. Pounds, G. Zavala, and T. Podesta**, “Effect of Overhanging on Corrugated Box Compression Strength,” *Proceedings of the 2021 HPC Fall Virtual Meeting*, November 19, 2021. (Abstract)
- **S. Malasri, A. Pourhashemi, T. Podesta, K. Nicholson, T. Waddell, L. Rodriguez, M. Arnett, D. Duckworth, T. Ayesh, V. Fantaziu, and B. Knighton**, “Coolant Performance Comparison,” *Proceedings of the 2021 HPC Fall Virtual Meeting*, November 19, 2021. (Abstract)
- **T. Ayesh, P. Pounds, G. Zavala, T. Podesta, and S. Malasri**, “Effect of Humidity on Corrugated Fiberboard Bidirectional Property,” *Proceedings of the 2021 HPC Fall Virtual Meeting*, November 19, 2021. (Abstract)
- **D. Duckworth**, “Conveyors,” *PACKCON Magazine*, October 22, 2021.
- **K. Wright**, “Packaging of Light Bulbs,” *PACKCON Magazine*, October 22, 2021.
- **L. Rodriguez**, “DS Smith, An Innovative Packaging Company,” *PACKCON Magazine*, October 22, 2021.
- **C. Paine**, “Packaging Waste and Online Shopping,” *PACKCON Magazine*, October 22, 2021.

- S. Malasri, A. Pourhashemi, **T. Podesta**, **K. Nicholson**, **T. Waddell**, **L. Rodriguez**, **M. Arnett**, **D. Duckworth**, **T. Ayesh**, **V. Fantaziu**, **B. Knighton**, “Performance Comparison of Gel and Ice Coolants for Cold Chain Packaging,” *Proceedings of the IESTOC Conference*, 19(1), 276-286, October 5, 2021.
- **L. Galizzi**, “Revolutionizing Food Packaging,” *PACKCON Magazine*, August 11, 2021.
- **P. Pounds**, “The Life Cycle of Recycled Plastics,” *PACKCON Magazine*, August 11, 2021
- **K. Nicholson**, “Coronavirus Effect on the Packaging Industry,” *PACKCON Magazine*, August 4, 2021.
- **P. Q. Posada**, “How the World of Ecommerce is Affecting the Environment,” *PACKCON Magazine*, August 4, 2021.
- **N. Ireland**, “Musician’s Nightmare: Protecting Precious and Priceless Instruments,” *PACKCON Magazine*, June 3, 2021.
- **JD Goodspeed**, “Are Wooden Pallets the Future?” *PACKCON Magazine*, June 3, 2021.
- **J. Becerra**, “Future of Packaging Sustainability,” *PACKCON Magazine*, June 3, 2021.
- **D. Blair**, “Packaging of Cameras,” *PACKCON Magazine*, June 3, 2021.
- S. Malasri, **T. Podesta**, R. Moats, **T. Waddell**, **D. Duckworth**, **T. Ayesh**, and R.W. Brown, “Incline Impact Velocity & Rolling Friction Coefficient,” *Proceedings of the 2021 HPC Spring Virtual Meeting*, April 30, 2021. (Abstract)
- **A. Bonner**, “Medical Device Packaging,” *PACKCON Magazine*, March 23, 2021.
- **G. Valverde**, “Food Delivery by Robots,” *PACKCON Magazine*, March 23, 2021.
- **G. Zavala**, “The Revolutionary Packaging Industry,” *PACKCON Magazine*, March 23, 2021.
- **D. Duckworth**, “Snack Food Packaging,” *PACKCON Magazine*, March 23, 2021.
- S. Malasri, **T. Podesta**, R. Moats, **T. Waddell**, **D. Duckworth**, **T. Ayesh**, and R. W. Brown, “Incline Impact: A Case Study,” *International Journal of Advanced Packaging Technology*, 9(1), 327-333, March 8, 2021.
- **M. Arnett**, “Health Safety for Packaging Under Covid-19 Pandemic,” *PACKCON Magazine*, January 26, 2021.
- **K. Nonhprasith**, “Machines Are the Future,” *PACKCON Magazine*, January 26, 2021.
- **L. Drumond**, “Challenges of the COVID-19 Vaccine Packaging,” *PACKCON Magazine*, January 26, 2021.
- **J. Brown**, “Importance of Sustainable Packaging,” *PACKCON Magazine*, January 26, 2021.

Rev. May 9, 2022