

## Ball Aerospace Leaders Named AIAA Associate Fellows

**BOULDER, Colo.,** Jan. 28, 2020 — The American Institute of Aeronautics and Astronautics (AIAA) has honored three Ball Aerospace employees among its 2020 class of Associate Fellows. Dr. David Kaufman, Tracy Copp and Dr. Joseph Footdale earned the designation, which is reserved for professionals who demonstrate notable contributions and leadership in furthering the advancement of aerospace science and technology.

"Beyond technical excellence, the designation of Associate Fellow recognizes service and commitment to the broader aerospace community," said Rob Strain, president, Ball Aerospace. "Throughout their careers, David, Tracy and Joseph have demonstrated true leadership in their fields, both in their contributions to programs of national importance and in how they have shared their knowledge with others through institutions like AIAA."

David Kaufman is the Chief Operating Officer for Ball Aerospace, responsible for the mission partner commitment Ball makes to its customers and for guiding the company's strategic business units as they focus on execution and growth. Since joining Ball Aerospace in 2000, Kaufman has served in leadership positions for a variety of space system programs. He earned a Ph.D. and master's degree in mechanical engineering from the California Institute of Technology along with a bachelor's degree in mechanical engineering from Stanford University and a bachelor's degree in mathematics from Willamette University.

Tracy Copp is a senior project engineer leading a Ball initiative that provides programs an internal resource for help when they need alternate execution strategies, processes and tools. Copp joined Ball Aerospace in 2007 as a materials and processes engineer working on the James Webb Space Telescope program. Previously, Copp was a materials and processes engineer at United Space Alliance on the Space Shuttle Program. She earned a bachelor's degree in chemistry and a master's degree in materials science and engineering from the Colorado School of Mines.

Joseph Footdale is a principal mechanical engineer and a leader within Ball's mechanisms group supporting multiple flight programs, research and development and new business. He joined Ball in 2018 bringing more than 14 years of experience in the invention and development of advanced deployable structure systems, with a focus of high strain composite components. Footdale earned a Ph.D. and Master of Science in aerospace engineering sciences from the University of Colorado, and a Bachelor of Science in mechanical engineering from Loyola Marymount University.

Kaufman, Copp and Footdale accepted the honor during the AIAA Associate Fellows recognition ceremony on Monday, Jan. 6, 2020 at the AIAA SciTech Forum in Orlando, Florida.

Powered by endlessly curious people with an unwavering mission focus, **Ball Aerospace** pioneers discoveries that enable our customers to perform beyond expectation and protect what matters most. We create innovative space solutions, enable more accurate weather forecasts, drive insightful observations of our planet, deliver actionable data and intelligence, and ensure those who defend our freedom go forward bravely and return home safely. Go Beyond with Ball.® For more information, visit [www.ball.com/aerospace](http://www.ball.com/aerospace) or connect with us on [Facebook](#) or [Twitter](#).

### **About Ball Corporation**

Ball Corporation supplies innovative, sustainable aluminum packaging solutions for beverage, personal care and household products customers, as well as aerospace and other technologies and services primarily for the U.S. government. Ball Corporation and its subsidiaries employ 17,500 people worldwide and reported 2018 net sales of \$11.6 billion. For more information, visit [www.ball.com](http://www.ball.com), or connect with us on Facebook or Twitter.

### **Forward-Looking Statements**

This release contains "forward-looking" statements concerning future events and financial performance. Words such as "expects," "anticipates," "estimates," "believes," "targets," "likely," "positions" and similar expressions typically identify forward-looking statements, which are generally any statements other than statements of historical fact. Such statements are based on current expectations or views of the future and are subject to risks and uncertainties, which could cause actual results or events to differ materially from those expressed or implied. You should therefore not place undue reliance upon any forward-looking statements and any such statements should be read in conjunction with, and, qualified in their entirety by, the cautionary statements referenced below. The company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Key factors, risks and uncertainties that could cause actual outcomes and results to be different are summarized in filings with the Securities and Exchange Commission, including Exhibit 99 in our Form 10-K, which are available on our website and at [www.sec.gov](http://www.sec.gov). Additional factors that might affect: a) our packaging segments include product capacity,

supply, and demand constraints and fluctuations; availability/cost of raw materials and logistics; competitive packaging, pricing and substitution; changes in climate and weather; footprint adjustments and other manufacturing changes, including the startup of new facilities and lines; failure to achieve synergies, productivity improvements or cost reductions; mandatory deposit or other restrictive packaging laws; customer and supplier consolidation; power and supply chain interruptions; potential delays and tariffs related to the U.K.'s departure from the EU; changes in major customer or supplier contracts or a loss of a major customer or supplier; political instability and sanctions; currency controls; changes in foreign exchange or tax rates; and tariffs, trade actions, or other governmental actions in any country affecting goods produced by us or in our supply chain, including imported raw materials, such as pursuant to Section 232 of the U.S. Trade Expansion Act of 1962 or Section 301 of Trade Act of 1974; b) our aerospace segment include funding, authorization, availability and returns of government and commercial contracts; and delays, extensions and technical uncertainties affecting segment contracts; c) the company as a whole include those listed plus: the extent to which sustainability-related opportunities arise and can be capitalized upon; changes in senior management, succession, and the ability to attract and retain skilled labor; regulatory action or issues including tax, environmental, health and workplace safety, including U.S. FDA and other actions or public concerns affecting products filled in our containers, or chemicals or substances used in raw materials or in the manufacturing process; technological developments and innovations; information technology initiatives and management of cyber-security processes; litigation; strikes; labor cost changes; rates of return on assets of the company's defined benefit retirement plans; pension changes; uncertainties surrounding geopolitical events and governmental policies both in the U.S. and in other countries, including the U.S. government elections, budget, sequestration and debt limit; reduced cash flow; interest rates affecting our debt; and successful or unsuccessful joint ventures, acquisitions and divestitures.

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