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## How Has COVID-19 Affected Active vs. Passive Performance?



Craig Lazzara, CFA
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Craig Lazzara is Managing Director and Global Head of Index Investment Strategy for S&P Dow Jones Indices (S&P DJI). The index investment strategy team provides research and commentary across the S&P DJI product set, with particular focus on the active-passive debate, factor indices, and index dynamics. Craig previously served as product manager for S&P DJI's U.S. equity and real estate indices. These include the S&P 500® and the S&P CoreLogic Case-Shiller Home Price Indices, two of the most widely tracked benchmarks in the world.

Prior to joining S&P Indices in 2009, Craig was a managing director of Abacus Analytics, a quantitative consulting firm serving the brokerage and investment management communities. He previously directed marketing and client service for ETF Advisors and Salomon Smith Barney's Global Equity Index Group, as well as for the Equity Portfolio Analysis group at Salomon Brothers. Earlier, Craig served as chief investment officer of Centurion Capital Management and Vantage Global Advisors, as a managing director of TSA Capital Management, and as a vice president and portfolio manager for Mellon Bank and T. Rowe Price Associates.

A Chartered Financial Analyst, Craig is a graduate of Princeton University and Harvard Business School.



Berlinda Liu, CFA
Director, Global Research & Design
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Berlinda Liu is Director, Global Research & Design at S&P Dow Jones Indices (S&P DJI). In this role, she is responsible for quantitative research & design covering volatility, commodity, and other derivative-based indices and strategies.

Berlinda joined Standard & Poor's in December 2007. Prior to S&P DJI, she was an equity derivatives strategist at both Bear Stearns, London, and Credit Suisse, New York, where she joined as a business analyst.

Berlinda is a CFA charterholder. She holds a bachelor's degree in international business management from Wuhan University of China and a master's degree in information system management from Carnegie Mellon University, in addition to her master's degree in computational finance from Carnegie Mellon.



Larry Swedroe
Chief Research Officer
Buckingham Wealth Partners

Since joining the firm in 1996, Chief Research Officer Larry Swedroe has spent his time, talent and energy educating investors on the benefits of evidence-based investing with enthusiasm few can match.

Larry was among the first authors to publish a book that explained the science of investing in layman's terms, "The Only Guide to a Winning Investment Strategy You'll Ever Need." He has since authored seven more books: "What Wall Street Doesn't Want You to Know" (2001), "Rational Investing in Irrational Times" (2002), "The Successful Investor Today" (2003), "Wise Investing Made Simple" (2007), "Wise Investing Made Simpler" (2010), "The Quest for Alpha" (2011) and "Think, Act, and Invest Like Warren Buffett" (2012).

He has also co-authored eight books about investing. His latest work, "Your Complete Guide to a Successful & Secure Retirement," was co-authored with Kevin Grogan and published in January 2019.

In his role as chief research officer and as a member of the firm's Investment Policy Committee, Larry regularly reviews the findings published in dozens of peer-reviewed financial journals, evaluates the outcomes and uses the result to inform the firm's formal investment strategy recommendations. He has had his own articles published in the Journal of Accountancy, Journal of Investing, AAII Journal, Personal Financial Planning Monthly and Journal of Indexing.

Larry's dedication to helping others has made him a sought-after national speaker. He has made appearances on national television shows airing on NBC, CNBC, CNN and Bloomberg Personal Finance. Larry is a prolific writer, contributing regularly to multiple outlets, including Advisor Perspectives and The Evidence-Based Investor.

Before joining Buckingham, Larry was vice chairman of Prudential Home Mortgage. He has held positions at Citicorp as senior vice president and regional treasurer, responsible for treasury, foreign exchange and investment banking activities, including risk management strategies.

Larry holds an MBA in finance and investment from New York University, and a bachelor's degree in finance from Baruch College in New York.