

THEO A. KOLOKOTRONES

Chairman, Director, and Portfolio Manager,
PRIMECAP Management Company
Co-Chief Executive Officer and Portfolio Manager,
PRIMECAP Odyssey Funds

Mr. Kolokotronis co-founded PRIMECAP Management Company in September 1983. He spent six years at Capital Research Company, most recently as Senior Vice President. He has held portfolio management responsibilities since 1979. From 1970 to 1977, he was Vice President and Senior Financial Analyst at Smith Barney, Harris Upham and Company in New York. Mr. Kolokotronis is a graduate of the University of Chicago and the Harvard Graduate School of Business Administration.

JOEL P. FRIED

President, Director, and Portfolio Manager,
PRIMECAP Management Company
Co-Chief Executive Officer, Trustee, and Portfolio Manager,
PRIMECAP Odyssey Funds

Mr. Fried joined PRIMECAP Management Company in June 1986. Prior to joining PRIMECAP, he spent one year as a financial analyst with Hughes Investment Management Company, a wholly-owned subsidiary of Hughes Aircraft. Mr. Fried received his undergraduate degree in Economic Systems/Science from the University of California, Los Angeles and is a graduate of UCLA Anderson School of Management.

ALFRED W. MORDECAI

Vice Chairman, Director, and Portfolio Manager,
PRIMECAP Management Company
Co-Chief Executive Officer and Portfolio Manager,
PRIMECAP Odyssey Funds

Mr. Mordecai joined PRIMECAP Management Company in August 1997. In 1996, he was an associate at McKinsey and Company. From 1990 to 1995, he worked as a nuclear engineer and program manager for the Naval Nuclear Propulsion Directorate, a joint U.S. Navy and Department of Energy organization. Mr. Mordecai graduated with a degree in Mechanical Engineering from Duke University. He has a master's degree in Systems Engineering from Virginia Polytechnic Institute and State University and is a graduate of the Harvard Graduate School of Business Administration.

M. MOHSIN ANSARI

Executive Vice President, Director, and Portfolio Manager,
PRIMECAP Management Company
Portfolio Manager,
PRIMECAP Odyssey Funds

Mr. Ansari joined PRIMECAP Management Company in July 2000. In 1999, he was an associate at Andersen Consulting. From 1994 to 1998, he worked at Weyerhaeuser Company on various assignments ranging from managing capital projects to coordinating production at mills. Mr. Ansari graduated from Colgate University with a bachelor's degree in Physics and from Washington University with a bachelor's degree in Chemical Engineering. Mr. Ansari is also a graduate of the Harvard Graduate School of Business Administration.

JAMES MARCHETTI

Executive Vice President, Director, and Portfolio Manager,
PRIMECAP Management Company
Portfolio Manager,
PRIMECAP Odyssey Funds

Mr. Marchetti joined PRIMECAP Management Company in September 2005. In 2004, he worked as a product analyst in Fidelity's Strategic Investments group. From 1996 to 2003, he ran the software division of Intellisense, a start-up acquired by Corning Inc. in 2001. Mr. Marchetti holds an MBA degree from MIT-Sloan and a bachelor's degree in Chemical Engineering, also from MIT, where he completed a thesis focused on recombinant protein recovery and purification techniques.

ANIL GOPALA

Senior Vice President and Financial Analyst,
PRIMECAP Management Company

Mr. Gopala joined PRIMECAP Management Company in May 2005. In 2004, he was an associate at Deutsche Bank. Previously, he spent five years with the consulting firm Charles River Associates. From 1996 to 1999, he was a consultant at A.D. Little. Mr. Gopala holds an MBA from MIT-Sloan, a master's degree in Chemical Engineering from MIT, and a bachelor's from Indian Institute of Technology-Madras. He is also a CFA charterholder.

GREGORY T. MOLINELLI

Senior Vice President, Director of Research, and Financial Analyst,
PRIMECAP Management Company

Mr. Molinelli joined PRIMECAP Management Company in March 2008. From 2005 to 2008, he was an equity analyst at GSO Capital Partners and Trust Company of the West where he followed the industrial sector. Previously, Mr. Molinelli was a financial analyst in the investment banking division of Banc of America Securities. Mr. Molinelli holds a bachelor's degree in economics from Tufts University and an MBA from the Stanford Graduate School of Business.

JARED N. HERZIKOFF-CORNELL

Vice President and Financial Analyst,
PRIMECAP Management Company

Mr. Herzikoff-Cornell joined PRIMECAP Management Company in September 2010. From 2005 to 2008, he was as an analyst at K Capital Partners where he covered domestic and Western European equities. Previously, he spent three years at Morgan Stanley. Mr. Herzikoff-Cornell graduated from the University of California, Berkeley with a bachelor's degree in Business and also has an MBA from the Wharton School of the University of Pennsylvania.

STEPHEN D. KLEIN

Vice President and Financial Analyst,
PRIMECAP Management Company

Mr. Klein joined PRIMECAP Management Company in September 2010. Previously, he spent three years with Bain & Company. Mr. Klein has a bachelor's degree from Stanford University in Chemical Engineering. He has a master's degree in Chemical Engineering from Stanford University and is a graduate of the Stanford Graduate School of Business.

PETER KINGSTON

Vice President and Financial Analyst,
PRIMECAP Management Company

Mr. Kingston joined PRIMECAP Management Company in October 2012. From 2005 to 2009, he was a counterintelligence/human intelligence officer in the United States Marine Corps. Previously, he spent two years at Princeton University Investment Company (PRINCO) and one year at the Council of Economic Advisers. Mr. Kingston graduated from Princeton University with a bachelor's degree in Economics and also has an MBA from the Stanford Graduate School of Business.

JULIE ZHU

Vice President and Financial Analyst,
PRIMECAP Management Company

Ms. Zhu joined PRIMECAP Management Company in October 2012. From 2007 to 2010, she was an investment analyst in the Infrastructure group of the International Finance Corporation (IFC), the private sector investment arm of the World Bank Group. Prior to that, she worked at Morgan Stanley. Ms. Zhu's alma mater is the University of California, Berkeley, where she received bachelor's degrees in Rhetoric and Economics, and a minor in Dance. She is also a graduate of the Stanford Graduate School of Business.

SHANSHAN JIANG

Vice President and Financial Analyst,
PRIMECAP Management Company

Ms. Jiang joined PRIMECAP Management Company in September 2013. From 2007 to 2011, she worked in J.P. Morgan's Investment Banking Division. Ms. Jiang graduated from Harvard University with a bachelor's degree in Economics and is also a graduate of the Harvard Graduate School of Business.

PHILIP J. AIKEN

Financial Analyst,
PRIMECAP Management Company

Mr. Aiken joined PRIMECAP Management Company in September 2014. From 2010 to 2012, he volunteered in the U.S. Peace Corps working to improve business practices for entrepreneurs and community groups in Senegal. Prior to his time in the Peace Corps, Mr. Aiken worked for Citigroup in the Municipal Securities Division. He graduated from Johns Hopkins University with bachelor's and master's degrees in Applied Mathematics and Statistics. Mr. Aiken is also a graduate from the Harvard Graduate School of Business Administration.

DANIEL S. SETTEL

Financial Analyst,
PRIMECAP Management Company

Mr. Settel joined PRIMECAP Management Company in August 2016. From 2010 to 2014, he co-founded and held management roles at Zanbato Inc., a financial technology company serving the alternative investment industry. Mr. Settel graduated from Stanford University with a bachelor's degree in Chemical Engineering and is also a graduate of the Harvard Graduate School of Business.

RK MACLEAN

Financial Analyst,
PRIMECAP Management Company

Mr. MacLean joined PRIMECAP Management Company in August 2016. From 2009 to 2014, he was a research and development engineer at Miramar Labs. Mr. MacLean holds a bachelor's and master's degree in mechanical engineering from Stanford University and is a graduate from the Harvard Graduate School of Business.

TYLER F. CITEK

Financial Analyst,
PRIMECAP Management Company

Mr. Citek joined PRIMECAP Management Company in October 2016. Previously, he spent two years with the Boston Consulting Group in the Houston office. Mr. Citek graduated from the University of Pennsylvania with degrees in Finance and Materials Science Engineering and holds an MBA from the Stanford Graduate School of Business.

JOSEPH D. HOLT

Financial Analyst,
PRIMECAP Management Company

Mr. Holt joined PRIMECAP Management Company in September 2017. From 2008 to 2015, he held engineering and management roles at PowerPlan Inc., an enterprise software company serving the power and energy industries. Mr. Holt holds a bachelor's degree in Applied Physics from the Georgia Institute of Technology and is a graduate of the Stanford Graduate School of Business.

SUNITI SUNDARAM

Financial Analyst,
PRIMECAP Management Company

Ms. Sundaram joined PRIMECAP Management Company in September 2018. From 2011 to 2016, she worked in the Leveraged Finance Group at Goldman Sachs and in various corporate positions at Practice Fusion and Abbott Diabetes Care / Newyu. Ms. Sundaram graduated from MIT with a bachelor's degree in Applied Mathematics and Economics and holds an MBA from the Harvard Graduate School of Business.

DARREN R. BAKER

Financial Analyst,
PRIMECAP Management Company

Mr. Baker joined PRIMECAP Management Company in October 2018. From 2008 to 2015, he held product management roles for several consumer and infrastructure products at Microsoft and Google. Mr. Baker holds a bachelor's degree in computer science from Harvard University, a master's degree in computer science (with a specialization in artificial intelligence) from Stanford University, and an MBA degree from the Stanford Graduate School of Business.

JOHN R. BUCHER

Chief Operating Officer,
PRIMECAP Management Company

John Bucher rejoined PRIMECAP Management Company in September 2018. Most recently, John was the SVP of Strategy of GLOBALFOUNDRIES, and prior to this was an SVP and the Chief Strategy Officer of Motorola Mobility. Prior to Motorola, John's first tour of duty at PRIMECAP Management was as a financial analyst. Prior to PRIMECAP, John served in the following roles: Managing Director at BMO Capital Markets, including predecessor firm Gerard Klauer Mattison; product management, marketing and operations positions with Bell Atlantic/NYNEX Mobile and PCS PrimeCo, which are all now part of Verizon Wireless; and, ten years of active military duty as an officer in the United States Marine Corps. John holds an MS from the Naval Postgraduate School in Monterey, California, and a BA in Economics from UCLA.

JOHN C. WANG

Vice President,
PRIMECAP Management Company

Mr. Wang joined PRIMECAP Management Company in August 2001. From 1998 to 2001, he was an equity analyst at the Government of Singapore Investment Corporation, where he followed the financial services sector. Previously, Mr. Wang spent eight years as a management consultant at First Manhattan Consulting Group and Booz-Allen & Hamilton. Mr. Wang graduated from Harvard College with a bachelor's degree in Applied Mathematics. He is also a graduate of the Wharton Graduate School of Business at the University of Pennsylvania and is a CFA charterholder.

DOUGLAS E. McCRARY

Vice President and Executive Director of Client Service,
PRIMECAP Management Company

Mr. McCrary joined PRIMECAP Management Company in June of 2007. From 2001 to 2007 he managed domestic and international institutional relationships at Payden & Rygel. Mr. McCrary received his undergraduate degree in Economics and Government from Claremont McKenna College. He is also a graduate of the Marshall School of Business at the University of Southern California.

MICHAEL J. RICKS

Director of Fund Administration,
PRIMECAP Management Company
Chief Financial Officer, Chief Administrative Officer, and Secretary,
PRIMECAP Odyssey Funds

Mr. Ricks joined PRIMECAP Management Company in March 2011. From 2001 to 2011, Mr. Ricks worked for U.S. Bancorp Fund Services, a third-party service provider to mutual funds. Most recently, Mr. Ricks was Vice President of Mutual Fund Administration and Compliance at U.S. Bancorp overseeing a team responsible for the financial reporting, regulatory filings, expense budgeting and oversight, and compliance monitoring for various mutual fund clients. Prior to joining U.S. Bancorp, Mr. Ricks worked in the fund accounting and administration department of Strong Capital Management, an investment advisor. Mr. Ricks holds a bachelor's degree in Finance from the University of Wisconsin-Whitewater and an MS-Finance Analysis from the University of Wisconsin-Milwaukee.

KAREN CHEN

Chief Compliance Officer and Director of Compliance and Reporting,
PRIMECAP Management Company
Vice President and Chief Compliance Officer,
PRIMECAP Odyssey Funds

Ms. Chen joined PRIMECAP Management Company in October 2004. From 1997 to 1999 and 2002 to 2004, she worked in the operations area of PIMCO in various capacities, most recently as a Team Lead of the Compliance Department. She also worked as a treasury intern at the Walt Disney Company and a management consultant at Trinity Consulting. Ms. Chen graduated from UCLA with a bachelor's degree in Business Economics and holds an MBA from the USC Marshall School of Business.

WILLIAM T. WARNICK

Head of Finance and Corporate Secretary,
PRIMECAP Management Company

Mr. Warnick joined PRIMECAP Management Company in November 2018. From early 2017 to 2018, he was Chief Operating Officer of the St. Baldrick's Foundation. From late 2014 to early 2017, Bill was Chief Financial Officer of Lombardia Capital Partners. Prior to that, he spent over 20 years in various financial and operational roles at Provident Investment Counsel/300 North Capital. Bill started his career in public accounting in 1991, received both his under graduate degree in accounting and his MBA from Cal Poly Pomona, and is a CPA and CMA.

BRAD A. BREDEMANN

Vice President and Director of Client Service,
PRIMECAP Management Company

Mr. Bredemann joined PRIMECAP Management Company in March 2017. Prior to joining PRIMECAP, he was Head of Distribution at AlphaClone, Inc. From 2008 to 2015, Mr. Bredemann managed institutional investor relationships at BlackRock and Cohen & Steers. From 1996 to 2008, he was an investment banker with Goldman Sachs, Morgan Stanley, and BTIG, managing key equity sales and trading relationships and leading teams based in Chicago, San Francisco, and Dallas. For five years before business school, Mr. Bredemann structured and managed private debt and equity securities at Prudential Insurance Company of America. He earned an MBA in Analytic Finance from the University of Chicago Booth School of Business in 1996, and BBA degrees in Accounting and Finance at the University of Wisconsin-Madison in 1989, where he participated in the Applied Securities Analysis Program. Mr. Bredemann is a CFA Charterholder.

JOHN T. CLOUD

Vice President and Manager - Trading,
PRIMECAP Management Company

Mr. Cloud joined PRIMECAP Management Company in January 2006. In 2005, he was a managing equity trader for American Express Asset Management. From 1997 to 2005, he worked as a sector trading head for AIM Investments. Previously, he has also worked as an equity trader at Morgan Stanley Investment Management and as a stock specialist at Andover Securities. Mr. Cloud graduated from Texas Christian University with a bachelor's degree in Criminal Justice.

MICHAEL P. WALSH

Senior Trader,
PRIMECAP Management Company

Mr. Walsh joined PRIMECAP Management Company in June 2008. For the previous five years, Mr. Walsh was a Senior Vice President for Institutional Equity Sales with Imperial Capital. From 2000 - 2003, he was a Vice President with JP Morgan Securities in Los Angeles. From 1984 - 2000, Mr. Walsh worked for Schroder Wertheim, most recently as a Director, Institutional Equity Sales Trading.

BRANDON C. WITEK

Senior Trader,
PRIMECAP Management Company

Mr. Witek joined PRIMECAP Management Company in October 2011. From 2003 to 2011, Mr. Witek was a Director in Equity Sales Trading at Citigroup in San Francisco. Previously, he worked as an Equity Trader at JP Morgan Securities in New York. Mr. Witek graduated from the University of California, Santa Barbara with a bachelor's degree in Economics.