

CHRISTOPHER W. ALWINE, CFA

Principal, Head of Municipal Bond Group

Vanguard Fixed Income Group

Christopher W. Alwine is a principal and Head of the Municipal Group at Vanguard. Mr. Alwine joined Vanguard in March of 1990 and has over twenty-five years of investment experience.

Mr. Alwine leads a team of 40 investment professionals who manage over \$165 billion in client assets. His team manages 13 municipal bond funds and 6 municipal money market funds. Mr. Alwine has served in multiple roles throughout his career in the fixed income group. His experience includes trading, portfolio management and credit research. His portfolio management experience spans both taxable and municipal markets as well as active and index funds. Mr. Alwine also is a member on the investment committee at Vanguard that is responsible for developing macro strategies for the firms internally managed fixed income funds.

Mr. Alwine holds a Bachelor's of Business Administration from Temple University and a MS in Finance from Drexel University. He is a Chartered Financial Analyst.