

**Emily E. Shanks**

*Portfolio Manager*  
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Ms. Shanks is a Portfolio Manager in the Fixed Income group, specializing in investment-grade strategies. She joined Putnam in 2012 and has been in the investment industry since 1999.

Previously at Putnam, Ms. Shanks was an Analyst in the Global Credit Research group, conducting fundamental analysis of high-yield and investment-grade corporate-bond issuers in the retail and services sector, and making buy/sell recommendations. Prior to joining Putnam, Ms. Shanks was a Managing Director, High Yield Research Analyst, at Barclays Capital from 2008 to 2012. Prior to that, Ms. Shanks was a Vice President, High Yield Research Analyst, from 2004 to 2008, and an Associate, Liability Management Group, from 1999 to 2004, at Lehman Brothers.

Ms. Shanks earned a B.A. in Mathematics from Williams College.