

Pennsylvania Public School Employees' Retirement System

Roster of Investment Managers, Advisors, and Consultants

As of December 31, 2022

List of Internally Managed Investment Portfolios

(SIP: Part of Strategic Implementation Portfolio)

Public Equity

- MSCI All Country World Index ex. US Index (Passive Plus)
- MSCI Emerging Markets Investable Market Index (Passive)
- MSCI Emerging Markets Investable Market Index (SIP)
- S&P 500 Index (Passive Plus)
- S&P 400 Index (Passive Plus)
- S&P 600 Index (Passive Plus)

Tail Risk Mitigation

- Internal Account (Active)

Public Fixed Income

- U.S. Core Fixed Income (Active)
- U.S. Core Fixed Income (Passive)
- U.S. High Yield (Active)
- U.S. Long Treasuries Index (Passive)
- U.S. Treasury Inflation Protection Securities Index (Active)
- U.S. Treasury Inflation Protection Securities Index (Passive)
- U.S. Treasury Inflation Protection Securities Index (SIP)
- Emerging Markets Debt (Passive)

Public Real Assets

- Commodities Index (SIP)
- Gold Index (SIP)
- REITS Index (SIP)
- Public Infrastructure Index (Passive Plus)
- Public Infrastructure Index (SIP)

Co-Investments

- Private Commodities Co-Investments
- Private Credit Co-Investments
- Private Equity Co-Investments
- Private Equity and Private Real Estate Co-Investments in Pennsylvania
- Private Infrastructure Co-Investments
- Private Real Estate Co-Investments
- Public Markets Co-Investments

Short-Duration Fixed Income

- LIBOR-Plus Short-Term Investment Pool (Active)
- Premium Assistance Fixed Income (Active)
- Short-Term Investment Pool (Active)

List of External Investment Managers, Advisors, and Consultants

Absolute Return Managers

- Aeolus Capital Management, Ltd.
- Bridgewater Associates, LP
- Capula Investment Management, LLP
- Carlyle Aviation Management Limited
- Falko Regional Aircraft Limited
- Garda Capital Partners, LP
- HS Group Ltd.
- Independence Reinsurance Partners GP, LLC
- Nephila Capital, Ltd.
- Oceanwood Capital Management, Ltd.
- One William Street Capital Management, LP
- Pacific Investment Management Company, LLC
- Venor Capital Management, LP

Non-U.S. Public Equity Managers

- Acadian Asset Management, LLC
- Baillie Gifford Overseas, Ltd.
- BlackRock Institutional Trust Company, N.A.
- Cederberg Capital
- Effissimo Capital Management Pte. Ltd.
- Marathon Asset Management Limited
- Oberweis Asset Management, Inc.
- Steadview Capital Partners, LP
- The Children's Investment Fund, LP
- Wasatch Advisors, Inc.

Tail Risk Mitigation Manager

- Capstone

Fixed Income Managers

U.S. High Yield Fixed Income Manager

- Bain Capital Credit, LP
- BlackRock Institutional Trust Company, N.A.
- Caspian Capital, LP

Private Credit Managers

- Apollo Global Management, LLC
- Ares SSG Capital Management Limited

- Avenue Capital Group
- Bain Capital Credit, LP
- Cerberus Business Finance, LLC
- Clearlake Capital Group, LP
- Galton Capital Group, LLC
- Hayfin Capital Management, LLP
- Intermediate Capital Group PLC
- LaSalle Mortgage Real Estate Investors
- LBC Credit Management, LP
- Newmarket Global Management, LP
- Pacific Investment Management Company, LLC
- Park Square Capital, LLC
- Sixth Street Partners, LLC
- Summit Partners
- TCI Fund Management Limited
- The Carlyle Group
- Vårde Partners, Inc.

Emerging Markets Debt Manager

- Franklin Templeton Investments

Non-U.S. Inflation-Linked Securities Manager

- Bridgewater Associates, LP

LIBOR-Plus Short-Term Investment Pool Manager

- Radcliffe Capital Management

Real Assets

Commodity Managers

- Denham Capital Management, LP
- Gresham Investment Management, LLC
- NGP Energy Capital Management

Farmland Advisor

- Prudential Agricultural Group

Private Infrastructure Managers

- Brookfield Asset Management, Inc.
- CIM Group, LLC
- GCM Grosvenor
- I Squared Capital
- Newmarket Global Management, LP
- Strategic Partners
- The Blackstone Group

Publicly Traded Real Estate Securities Manager

- Security Capital Research & Management, Inc.

Real Estate Advisors

- Bell Partners, Inc.
- GF Management, Inc.
- L&B Realty Advisors
- O'Connor Real Estate Advisors, LLC.
- Property Management, Inc.
- Stockbridge Capital Partners

Private Real Estate Fund Managers

- Almanac Realty Investors, LLC
- Angelo, Gordon & Co., LP
- Ares Management, LLC
- Avenue Capital Group
- Bell Partners, Inc.
- BlackRock Real Estate
- Brookfield Asset Management, Inc.
- Cabot Properties, Inc.
- The Carlyle Group
- C-III Capital Partners, LLC
- DRA Advisors, LLC
- Exeter Property Group
- Fortress Investment Group
- GF Management, Inc
- LaSalle Mortgage Real Estate Investors
- LEM Capital Partners, LP
- O'Connor Capital Partners
- Paramount Group, Inc.
- PGIM Real Estate
- RCG Longview Management, LLC
- Silverpeak Real Estate Partners
- Stockbridge Capital Partners
- Strategic Partners
- The Blackstone Group
- The Carlyle Group
- UBS Realty Investors, LLC

Currency Hedging Manager

- Insight Investment International Limited

Private Equity Fund Managers

Buyout Fund Managers

- Actis LLP
- APAX Partners, LLP
- Apollo Global Management, LLC
- Arrowhead Mezzanine
- Avenue Capital Group
- Bain Capital Investors, LLC

- Baring Private Equity Asia Limited
- Black Diamond Capital Management, LLC
- Blue Point Capital Partners LLC
- Bridgepoint Capital Ltd
- Capital Group
- Cerberus Capital Management, LP
- Cinven
- Clearlake Capital Group, LP
- Collier Investment Management LTD
- Crestview Advisors LLC
- CVC Capital Partners Group
- Denham Capital
- Equistone Partners Europe Limited
- First Reserve Corporation
- Gold Hill Venture Lending 03, LLC
- GoldPoint Partners LLC
- Hahn & Co.
- Hamilton Lane PA Co-Investment
- Hg Capital
- Huntsman Gay Global Capital LLC
- Incline Management Corp
- IPC Advisors
- K4 Capital Advisors
- L Catterton Management Company LLC
- Landmark Partners
- Lindsay Goldberg
- Milestone Partners
- Morgan Stanley
- New Mountain Investments
- NGP Energy Capital Management
- Oaktree Capital Management, LP
- Odyssey Investment Partners LLC
- Orchid Asia
- PAI Europe
- Palladium Equity Partners
- Partners Group Mgt VI LTD
- Platinum Equity Advisors, LLC
- Polaris Capital Group, Ltd.
- Portfolio Advisors, LLC
- Searchlight Capital Partners, LP
- StepStone Group
- Sterling Partners
- Strategic Partners
- TDR Capital
- The Energy & Minerals Group
- Trilantic Capital Management, LLC
- Tulco Management, LLC.
- Venor Capital Management, LP
- Versa Capital Management, LLC
- Webster Capital Management, LLC

Growth Equity Fund Managers

- Greenoaks Capital
- Insight Venture Management, LLC
- LLR Partners

- Oak HC/FT Management Company, LLC
- Summit Partners

Venture Capital Fund Managers

- Adams Capital Management, Inc.
- Aisling Capital, LLC
- Cross-Atlantic Capital Partners
- Insight Venture Management, LLC
- Interactions Corporation
- Mid-Atlantic Venture Funds
- Santé Ventures
- SCP Private Equity Partners
- StarVest Associates
- Sterling Partners
- Strategic Partners
- Tenaya Capital
- Valar Ventures, LLC

Custodian Bank

- The Bank of New York Mellon Corporation

Securities Lending Agent

- Deutsche Bank AG

Investment Accounting Application Service Provider

- STP Investment Services, LLC

Proxy Voting Agent

- Glass, Lewis & Co., LLC

Board Investment Consultant

- Verus Advisory, Inc.

General Investment Consultant

- Aon Investments USA Inc.

Absolute Return, Private Equity, Private Real Estate, Private Credit, and Private Infrastructure Investment Consultant

- Aksia, LLC

Risk Management System

- BlackRock Solutions