

## **Pennsylvania Public School Employees' Retirement System**

### **Roster of Investment Managers, Advisors, and Consultants**

**As of December 31, 2021**

#### **List of PSERS' Internally Managed Investment Portfolios**

- Commodity Index
- Funded Infrastructure Index
- Funded U.S. Long Treasuries Index
- Funded U.S. Treasury Inflation Protection Securities Index
- Gold Index
- Infrastructure Index
- LIBOR-Plus Short-Term Investment Pool
- MSCI All Country World Index ex. US Index
- Premium Assistance
- Private Commodities Internal
- Private Debt Internal
- Private Equity Internal
- Private Infrastructure Internal
- Private Markets and Real Estate Pennsylvania Internal
- Private Real Estate Internal
- Public Markets In-House Co-Investments
- REIT Index
- Short-Term Investment Pool
- S&P 400 Index
- S&P 500 Index
- S&P 600 Index
- U.S. Core Plus Fixed Income
- U.S. High Yield

#### **List of PSERS' External Investment Managers, Advisors, and Consultants**

##### **Absolute Return Managers**

- Aeolus Capital Management, Ltd.
- AKAZ Investment Partners, L.P
- Bridgewater Associates, LP
- Brigade Capital Management
- Capula Investment Management, LLP
- Carlyle Aviation Management Limited
- Caspian Capital, LP
- 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. 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.

### **Fixed Income Managers**

#### **U.S. High Yield Fixed Income Manager**

- BlackRock Institutional Trust Company, N.A.

#### **Private Credit Managers**

- Apollo Global Management, LLC
- Ares SSG Capital Management Limited
- Avenue Capital Group
- Bain Capital Credit, LP
- Brigade Capital Management
- Cerberus Business Finance, LLC
- Clearlake Capital Group, LP
- Galton Capital Group, LLC
- Hayfin Capital Management, LLP
- Intermediate Capital Group PLC
- 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
- Värde Partners, Inc.
- Whitehorse Liquidity 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
- Wellington Management Company, LLP

### **Farmland Advisor**

- Prudential Agricultural Group

### **Master Limited Partnership Managers**

- Atlantic Trust Private Wealth Management
- Salient Capital Advisors, LLC

### **Private Infrastructure Managers**

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

### **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.

### **Real Estate Fund Managers**

- Almanac Realty Investors, LLC
- Angelo, Gordon & Co., LP
- Ares Management, LLC
- Avenue Capital Group
- Bell Partners, Inc.
- BlackRock Real Estate
- Blackstone Group, The
- Brookfield Asset Management, Inc.
- Cabot Properties, Inc.
- The Carlyle Group
- C-III Capital Partners, LLC
- DRA Advisors, LLC
- Exeter Property Group
- Fortress Investment Group
- LAI Real Estate Investors, LLC
- 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
- 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 Partners, LLC
- Baring Private Equity Asia Limited
- Black Diamond Capital Management, LLC
- Blue Point Capital Partners LLC
- Bridgepoint Capital Ltd
- Capital Group
- L Catterton Management Company LLC
- Cerberus Capital Management, LP
- Cinven
- Clearlake Capital Group, LP
- Coller Investment Management LTD
- Crestview Advisors LLC
- CVC Capital Partners Group
- Denham Capital
- The Energy & Minerals Group
- Equistone Partners Europe Limited
- First Reserve Corporation
- Gold Hill Venture Lending 03, LLC
- GoldPoint Partners LLC
- Hahn & Company
- HgCapital
- Huntsman Gay Global Capital LLC
- Incline Management Corp
- IPC Advisors
- K4 Capital Advisors
- 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
- 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
- Mid-Atlantic Venture Funds
- Sante 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.

**Private Equity, Private Real Estate, Private Credit, and Private Infrastructure Investment Consultant**

- Hamilton Lane Advisors, LLC

**Absolute Return and Private Credit Consultant**

- Aksia, LLC

**Risk Management System**

- BlackRock Solutions