Mark R. Randall, EA, FCA, MAAA

Chief Executive Officer & Senior Consultant mark.randall@grsconsulting.com



Expertise

Mark Randall is the Chief Executive Officer (CEO) of Gabriel, Roeder, Smith & Company. Mark is responsible for the management of the firm, focusing externally on the brand, growth, and development of GRS. Mark has more than 30 years of actuarial and employee benefits consulting experience with an emphasis on public pension retirement systems. He is located in the firm's Dallas, Texas office. Mark serves on the Board of Directors for GRS and is an integral part of GRS' Executive Committee.

In addition to his management responsibilities, Mark serves as the lead consultant or peer review actuary for numerous large municipal plans and statewide retirement systems. Mark has experience in all aspects of employee benefits consulting, including experience studies, cost studies, governmental accounting standards, trustee education, employee communication, and strategic analysis. Mark also has extensive experience with creative pension plan redesign, from conception through legislative adoption, especially in such areas as risk assessment and hybrid alternatives. He believes it is important to start with a "top down" approach which will establish an overall structure and magnitude of change first, including the development of a contribution strategy, and then detailing the specific design that will achieve these objectives.

Mark has served clients in California, Colorado, Florida, Oklahoma, Rhode Island, South Carolina, Texas, Washington, and Wyoming.

Professional Designations

- Enrolled Actuary
- Fellow, Conference of Consulting Actuaries
- Member, American Academy of Actuaries

Presentations

Mark has been a frequent guest speaker at national organization conferences such as the National Association of State Retirement Administrators (NASRA), the Government Finance Officers Association (GFOA), and regional organizations such as the Texas Association of Public Employee Retirement Systems (TEXPERS) and the Oklahoma Association of Public Fund Employees.

Education

Bachelor of Arts, Literature and Rhetoric, State University of New York at Binghamton Mark also has a graduate degree in Employee Benefits from the Institute for Employee Benefits Training located in Philadelphia, PA.

Joseph Newton, FSA, EA, FCA, MAAA

Pension Market Leader & Actuary joe.newton@grsconsulting.com



Expertise

Joe Newton is a nationally recognized public sector actuary who works with numerous statewide, regional, and local retirement systems and is located in GRS' Dallas, Texas office. He has more than 15 years of actuarial and benefits consulting experience. Joe's clients are located in Colorado, Hawaii, Rhode Island, South Carolina, Washington, Wyoming, and Texas.

Joe is the Pension Market Leader for GRS. In this capacity, Joe functions in one of the most senior professional roles in GRS, providing significant firm-wide leadership and contribution at the highest levels. This role bridges the gap between industry requirements, internal processes, and client deliverables to further strengthen GRS' position in the marketplace.

Joe's consulting experience covers actuarial valuation, benefit and cost studies, and experience studies. He is especially adept at developing innovative funding solutions using cutting-edge projection technology. He has been instrumental in GRS' internal development of several technical projects, including the development of GRS's Experience Study and Gain/(Loss) software programs, as well as the multiple-employer GRID, which are unmatched in the industry. Joe is a leader in the development of production techniques and in designing applications that add value to GRS clients.

Joe stresses a top-down approach to pension plan consulting, which integrates the major goals of stakeholders, addresses human capital needs, and utilizes projection and valuation techniques that manage risk. He has built an enviable reputation in the public sector actuarial community for his creative ability to communicate difficult and complex ideas to Boards and Stakeholders. Most importantly, Joe believes he has helped its clients increase their credibility with the legislative and executive branches of the state government. In many cases, we have annual educational sessions for legislative leaders are of paramount importance in establishing and maintaining this credibility.

Professional Designations

- Fellow, Society of Actuaries
- Enrolled Actuary
- Fellow, Conference of Consulting Actuaries
- Member, American Academy of Actuaries

Presentations

Joe has served as a speaker for the National Council on Teacher Retirement (NCTR) and International Foundation of Employee Benefit Plans (IFEBP).

Education

Bachelor of Arts, Mathematics, and Business Administration, Austin College (Sherman, Texas)

GRS CORPORATE HISTORY

Gabriel, Roeder, Smith & Company (GRS) is the national actuarial and benefits consulting services leader for the public sector. GRS was incorporated in 1962 from a merger of A. G. Gabriel & Company, a sole proprietorship that was established in 1938, and another younger sole proprietorship, Roeder & Company. In 1995, GRS merged with Kruse, O'Connor & Ling, a Florida based consulting firm. Today GRS has more than 130 associates and serves more than 800 clients across the U.S.

Over the years, the company has expanded its services and industry segments. The foundation of our services continues to be actuarial and related consulting. The public sector remains our primary customer segment comprising nearly 100% of our client base. The company also serves church, hospital, and corporate benefit plans. GRS practice areas include pension, health & welfare, client software, and 529 pre-paid tuition.

STRUCTURE OF GRS

GRS is a private Michigan corporation that is nearly 100% employee owned. GRS' structure consists of eight full-service local consulting offices organized within three regions and supported by strong, centralized resources. At GRS, the following functions are centralized:

- Corporate strategy and management;
- Corporate finance and accounting functions;
- Research Group; and
- Software development.

GRS has offices in Chicago, Dallas, Denver, Detroit, Fort Lauderdale, Grand Rapids, Hartford, and Minneapolis. The main guiding body for the firm is the GRS Board of Directors which consists of nine members elected by the shareholders. GRS' structure enables us to share our financial, marketing, and human resources within and across established geographic regions. Regions do not compete with each other for business. Our full-service local consulting offices are supported by strong, centralized resources. This approach empowers our consultants to work in the best interests of clients by identifying local marketplace priorities and utilizing regional or national resources as available and appropriate.

As noted above, centralized research is provided by our Research Group located in GRS' corporate office. An extremely important element in GRS' services to its clients, this group is comprised of highly qualified professionals knowledgeable in the legal, tax, and accounting issues of benefits and compensation programs. These individuals closely monitor and analyze legislative and regulatory activity and the benefits/compensation pronouncements of the Internal Revenue Service, the Federal Courts, the Securities and Exchange Commission, the Financial Accounting Standards Board, the Department of Labor, the Governmental Accounting Standards Board, the Equal Employment Opportunity Commission, and many other government and regulatory bodies.

Our research staff publishes a continuing series of newsletters, topical bulletins, and technical alerts to provide our clients with the latest information on emerging developments. Also, the staff is available to GRS consultants and their clients to research accurate answers to individual technical questions.

OWNERSHIP OF GRS

GRS is primarily a private corporation owned by its employees. All full-time employees are eligible and encouraged to purchase GRS stock. Because GRS is nearly 100% employee-owned, we can provide clients with truly independent consulting advice.

Below is an organizational chart of GRS's corporate structure:



\mathbf{AL}

The Mobile Housing Board

Northeast Alabama Regional Medical Center

AR

Arkansas Judicial Retirement System

Arkansas Local Police and Fire Retirement System

Arkansas Public Employees Retirement System

Arkansas State Highway Employees Retirement System

Arkansas State Police Retirement System

Arkansas Teacher Retirement System

AZ

Arizona Public Safety Personnel Retirement System Tucson Arizona Supplemental Retirement System

CA

San Luis Obispo County Pension Trust

CO

Adams County Retirement Board

Arapahoe County Board of Retirement

Arvada Fire Protection District

Aurora General Employees Retirement Plan

Colorado Fire and Police Pension Association (FPPA)

Craig Rural Fire Protection District

Denver Employees Retirement Plan

Jefferson County School District No. R-1

Longmont

FL

Atlantic Beach Florida General Employees' Retirement System

Atlantic Beach Police Officers' Retirement System Bal Harbour Village General Employees' Pension Plan

Bay Medical Center

Boynton Beach Municipal Firefighters Retirement Fund

Boynton Beach Municipal Police Officers' Retirement Fund

Boynton Beach Pension Plan for General Employees

Bradenton Police Officers' Retirement Plan

Clearwater Employees' Pension Fund

Cooper City General Employees' Retirement Plan

Cooper City Officers Retirement Plan

Cooper City Police Retirement Plan

Coral Gables Retirement System

Coral Springs General Employees' Retirement System

Dania Beach General Employees' Retirement Plan Dania Beach Police & Firefighters' Retirement System

Deerfield Beach Non-Uniformed Employees' Retirement Plan

DeLand General Employees' Retirement Plan

DeLand Municipal Police Officers' Retirement Plan

Delray Beach General Employees' Retirement Plan

Eustis Police Officers' Retirement System

Florida City Elected Officials Retirement Plan

Fort Lauderdale General Employees Retirement System

Fort Pierce Police Officers Retirement Fund

Fort Pierce Retirement and Benefit System Fort Walton Beach General Employees Retirement System

Greater Orlando Aviation Authority Employees Retirement Plan

Hialeah Elected Officers Retirement System

Hialeah Gardens Police Pension Trust Fund

Hollywood Employees Retirement System

Homestead Elected Official Retirement System (Old Plan)

Homestead Firefighters' Retirement System

Homestead General Employees' Retirement System

Homestead New Elected Officials and Sr.

Management Ret. System (New Plan)

Homestead Police Officers' Pension Plan

Indian River Shores Defined Benefit Plan

Jacksonville Beach Firefighters' Retirement System

Jacksonville Beach General Employees' Retirement System

Jupiter Island OPEB

Jupiter Island Retirement Plan

Key Biscayne Police & Firefighters Retirement Plan

FL

Key West Employees' Retirement Plan

Key West Housing Authority Employees' Retirement System

Key West Utility Board General Employees Retirement System

Kissimmee General Employees' Retirement Plan

Lake Mary Firefighters Pension Plan

Lake Worth Firefighters Retirement System

Lake Worth General Employees' Retirement System

Lake Worth Police Officers' Pension Systems

Lake Worth, City of

Lakeland Employees Retirement System

Lantana Firefighters' Pension Fund

Lantana Police Relief & Pension Fund

Largo Municipal Police Officers' & Firefighters' Retirement Plan

Lauderdale by Sea Volunteer Firefighters' Retirement Plan

Lauderhill General Employees Retirement System Maitland Municipal Police Officers' and Firefighters'

Pension Plan

Marco Island Firefighters' Pension Plan

Martin County Sheriff

Miami Beach Fire & Police Retirement System

Miami Beach Retirement System for General Employees

Miami Parking Authority

Miami Shores Village General Employees' Pension Plan

Miami Shores Village Police Officers' Retirement System

Miami Springs Employees' Retirement System Miami Springs Police & Firefighters' Retirement

System

Miramar General Employees Retirement System

Miramar Management Retirement Plan

Mount Dora Firefighters' Pension and Retirement System

Mount Dora General Employees' Pension Plan

Mount Dora Police Officers' Pension & Retirement System

New Port Richey Police Officers' Retirement System

North Miami Beach

North Miami Beach General

North Miami Beach General Employees' Retirement Plan

North Miami Clair T. Singerman Employees' Retirement System

North Miami Police Pension Plan

North Palm Beach General Employees' Retirement Fund

Office of Program Policy Analysis and Government Accountability

Okeechobee General Employees' Retirement Plan

Okeechobee Municipal Firefighters' Pension Fund

Okeechobee Municipal Police Officers' Retirement

System

City of Oldsmar

Orlando General Employees' Pension Fund

Orlando Utilities Commission Pension Plan

Palm Beach County Fire Employee Benefits Fund

Palm Beach County Firefighters' Retirement Insurance Fund

Palm Beach Gardens Police Officers' Pension Fund

Palm Springs Village Hazardous Employees' Pension

Plan

Pembroke Pines Fire & Police Pension Fund

Pinellas Park Police Officers' Pension Fund

Plantation General Employees Retirement System

Plantation Police Officers' Retirement Fund

Plantation Volunteers' Firefighters Retirement System

Pompano Beach Police & Firefighters' Retirement

System

Riviera Beach General Employees' Retirement

System

Riviera Beach Municipal Firefighters' Retirement

System

Riviera Beach Police Pension Fund

Sarasota Firefighters' Health Insurance Trust Fund

Sarasota Firefighters' Pension Fund

Sarasota General Employees' Pension Fund

Sarasota Police Officers Pension Fund

\mathbf{FL}

Sebring Police Officers' Retirement Fund

South Miami Pension Plan

St. Lucie County Fire District Firefighters' Pension Trust Fund

St. Lucie County Fire District General Employees Retirement System

St. Petersburg College

Starke Firefighters' Retirement System

Starke General Employees' Retirement System

Starke Police Officers' Retirement System

Sunrise General Employees' Retirement Plan

Sunrise Police Officers' Retirement Plan

Sweetwater Police Officers Retirement Plan

Sweetwater Elected Officers Retirement Plan

Tamarac Police Pension Plan Trust Fund

Tavares Firefighters' Pension Board of Trustees

Tavares Police Officers' Pension Plan

Tequesta General Employees' Pension Trust Fund

Tequesta Public Safety Officers Pension Trust Fund

Town of Palm Beach Firefighters Retirement System

Town of Palm Beach General Employees Retirement System

Town of Palm Beach Police Officers Retirement System

Town of Surfside Employees' Retirement Plan Volusia County Volunteer Firefighters' Pension System

West Palm Beach Firefighters Benefit Fund

West Palm Beach Police Pension Fund

West Palm Beach Restated Employees Defined Benefit Retirement System

Wilton Manors Pension Plan for General Employees & Police

Wilton Manors Volunteer Firefighters' Retirement System

Winter Garden Pension Plan for Firefighters and Police Officers

Winter Park Firefighters' Retirement System

Winter Park Police Officers' Retirement System Winter Springs Police and General Retirement System

HI

State of Hawaii Employees' Retirement System

IL

Chicago Firemens' Annuity & Benefit Fund

Chicago Laborers' & Retirement Board Emp.

Chicago Policemens Annuity & Ben. Fund

City of Joliet

East Peoria Police and Fire Pension Funds

General Assembly Retirement System of Illinois

Illinois Municipal Retirement Fund

Illinois State Employees Retirement System

Judges Retirement System of Illinois

Regional Transportation Authority Pension Plan

State Universities Retirement System of Illinois

Village of Morton

MD

Maryland State Retirement and Pension Agency

Montgomery County

Prince George County

MI

Alpena Employees' Retirement System

Archdiocese of Detroit Priests Retirement Plan

Battle Creek Police and Fire Retirement System-Act 345

Benton Township Policemen and Firemen Retirement System

Berkley Public Safety Retirement System-Act 345

Berrien County Employees Retirement Plan

Bessemer Police & Fire Retirement System

Big Rapids Police & Fire Retirement System

Birmingham Employees Retirement System

Center Line Police and Fire Pension System

Charter Township of Harrison

Charter Township of Shelby Fire and Police Retirement System

Charter Township of West Bloomfield Employees Retirement Plan

Charter Township of Ypsilanti Police and Firefighter's Retirement System

MI

Cobo Hall Authority

Dearborn Chapter 21 Retirement System

Dearborn Chapter 22 Retirement System

Dearborn Chapter 23 Retirement System

Dearborn Heights Police & Fire Retirement System

Detroit General Retirement System

Dickinson County Health Care System

Escanaba Public Safety Retirement System - Act 345

Farmington Employees Retirement System

Farmington Hills Employees' Retirement System

Ferndale Employee Retirement System

Ferndale Police and Fire Retirement System

Fraser Pension Plan

Gibraltar Public Safety Officers Retirement System - Act 345

Gogebic County Employees Retirement System

Grand Rapids General Retirement System

Grand Rapids Police and Fire Retirement System

Harper Woods

Harrison Township Firemen's Pension Fund

Harrison Township General Employees Retirement System

Huron Clinton Metro Authority

Iron Mountain Policemen and Firemen Retirement System

Ishpeming Policemen and Firemen Retirement System-Act 345

Jackson Act 345 Retirement System

Jackson Employees Retirement System

Jackson Policemen's and Firemen's Pension Fund

Kalamazoo County Employees' Retirement System

Kalamazoo Employees Retirement System

Kent County Employees Retirement Plan and Trust

Kent Library District Employees' Retirement Plan

Kingsford Policemen and Firemen Retirement System

Lincoln Park Police Officers and Firefighters

Retirement System

Macomb County Employees Retirement System

Madison Heights Policemen and Firemen Retirement System

Marine City Retirement System

Marquette Policemen and Firemen Retirement System Melvindale Policemen and Firemen Retirement System

Menominee Policemen and Firemen Retirement System

Michigan Education Trust

Michigan Public School Employees

Michigan State Employee Retirement System

Michigan State Judges - Circuit and Recorders

Michigan State Legislative Retirement System

Midland - Police and Fire Retirement System

Midland County Employees Retirement System

Midland County Retirement System Act 345

Monroe County Employees Retirement System

Monroe County Road Commission

Monroe Employees Retirement System

Mount Clemens Employees Retirement System

Mt. Pleasant Fire and Police Pension System

Negaunee Policemen's Retirement System-Act 345

Niles City Retirement Systems Plan A & B Niles Township Police and Fire Department Retirement Plan

Oak Park Employees Retirement System
Oak Park Public Safety Employees Retirement
System

Oakland County Employees Retirement System

Owosso Employees Retirement System

River Rouge Employee Retirement System

River Rouge Policemen and Firemen Retirement System

Riverview Retirement System

Road Commission for Oakland County Retirement

System

Royal Oak Retirement System

Saginaw Police and Fire Retirement System

Sanilac County Employees Retirement System

Sault Ste. Marie Firemen and Policemen Retirement

System

MI

Southfield Employees Retirement System

Southfield Fire and Police Retirement System

Southgate Municipal Employees' Retirement System

Southgate Policemen and Firemen Retirement System

St. Clair Shores Police and Fire Retirement System

St. Clair Shores General Employees Retirement System

St. Joseph Employees Retirement Fund

Sterling Heights Employees Retirement System

Sturgis Employees Retirement System

Taylor General Employees Retirement System

Traverse City - Act 345 Police and Fire Retirement System

Trenton - Fire and Police Retirement System

Troy Employees Retirement System

Troy Incentive Plan for Volunteer Firefighters

Village of Beverly Hills Public Safety Retirement System

Warren Firefighters Fund Association

Waterford Township General Employees Retirement System

Waterford Township Police and Fire Retirement System-Act 345

Wayne County Employees' Retirement System

Wayne County Employees' Retirement System-

Circuit Court Commissioners Bailiffs Division

Westland Policemen and Firemen Retirement System

Woodhaven Retirement Plan for Employees and Policemen

Wyandotte Employees Retirement System

Wyoming Employees Retirement System

Ypsilanti Fire and Police Retirement System

MN

Appleton Fire

Laverne

Minnesota State Retirement System Public Employees Retirement Association of Minnesota

St. Paul Teachers' Retirement Fund Association

Virginia Minnesota Fire

White Bear Lake

MO

Columbia Police and Firemen's Retirement Fund

Jefferson City Firemen's Retirement Fund

Joplin, Missouri Policemen's and Firemen's Pension Plan

Missouri Dept. of Transportation and Highway Patrol Employees' Retirement System

Missouri Local Government Employees Retirement System

Missouri State Employees Retirement System

Richmond Heights Policemen & Firemen Retirement Fund

St. Louis Fire

NH

Manchester Employees' Contributory Retirement System

New Hampshire Retirement System

New Hampshire Local Government Center Defined Benefit Pension Plan

NM

New Mexico Educational Retirement Board

OH

Ohio Public Employees Retirement System

Ohio State Highway Patrol Retirement System

OK

Metropolitan Tulsa Transit Authority

Oklahoma City Employee Retirement System

Oklahoma Teachers' Retirement System

Tulsa Municipal Employees' Retirement Plan Board of Trustees

RI

Employees' Retirement System of Rhode Island

Warwick

SC

South Carolina Retirement System

Marion County Library

SD

Lead Firemen Pension Fund

Sioux Falls Employee's Retirement System

Sioux Falls Firefighters' Pension Fund

TX

City of Austin Employees' Retirement System

City of Irving Supplemental Benefit Plan

City of Plano, Texas Retirement Security Plan

Dallas Area Rapid Transit

Dallas County Utility and Reclamation District

Dallas Employee Retirement System

Dallas / Fort Worth International Airport Board

Houston Municipal Employees' Pension System

Houston Police Officers' Pension System

Texas Employees Retirement System

Texas Municipal Retirement System

Texas Teacher Retirement System

UT

Utah Retirement System

VA

Educational Employees' Supplementary Retirement System of Fairfax County

Fairfax Retirement Plan

Virginia Joint Audit & Review Commission

WA

Port of Seattle

WI

Milwaukee Public Schools Employee Retirement System

Wisconsin Retirement System

$\mathbf{W}\mathbf{V}$

City of Huntington

City of Morgantown

West Virginia Treasurer's Office

WY

Cheyenne Regional Medical Center

Wyoming Retirement System