Callan



November 16, 2021

City of Los Angeles Deferred Compensation Plan

Callan LLC
Consultant Services Presentation

Ben Taylor

Senior Vice President

Ryan Cunningham

Senior Vice President

Presentation Agenda

- Introductions
- Organizational Background
- Investment Experience
- Fees

Presenters and Primary Consulting Team



Ben Taylor

- 14th year in the industry
- Senior Vice President, Head of Tax-Exempt Defined Contribution Research
- Vice-Chair, SPARK Data Security Oversight Board
- Vice-Chair, Public Retirement Research Council
- Past Industry President, NAGDCA
- Callan Shareholder



Ryan Cunningham

- 14th year in the industry
- Senior Vice President, Fund Sponsor Consultant
- Member of Manager Search Committee
- Callan Shareholder

Callan

Organizational Background

An Overview of Callan

Focus, experience, resources

Independent & Focused

- Established in 1973
- Investment consulting is primary focus
- 100% employee-owned
- Third generation of private ownership
- 130 current owner-employees
- Approximately 60% of managers and employees are female/diverse

Experienced

- Over 450 fund sponsor clients representing \$4.3 trillion in assets
- Consultant tenure averages
 13 years Callan / 20 years industry
- Retainer client tenure averages
 12 years
- Dedicated defined contribution specialists
- 172 defined contribution clients representing over \$1.6 trillion
- Over \$1.1 trillion in public sector
 DC plan client assets.

Fully Resourced

- Over 190 employees
- 59 CFA / CAIA / FRM Charterholders and 14 CFA / CAIA / FRM candidates
- Over 65 advanced degrees
- Over 90 specialists
- Proprietary systems and databases
- All Insourced, Not Outsourced

1973

Ed Callan and associates founded company

1990

Transitioned ownership to employees while remaining an independent consulting firm

2007

Third generation of employee owners transitioned to senior management positions, and Greg Allen became president

2017

Formalized leadership succession plan by promoting Greg Allen to chief executive officer and Ron Peyton to executive chairman

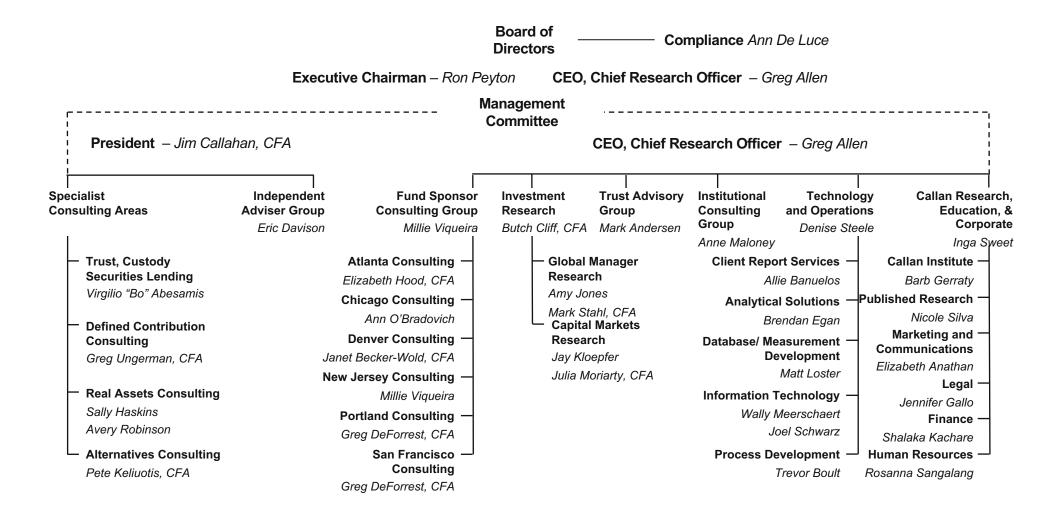
2018

Jim Callahan assumed the role of president and Millie Viqueira became head of fund sponsor consulting

As of September 30, 2021



Organization Leadership







Client Focused Consulting Model

Proactively provide our collective expertise and experience to LADCP

City of Los Angeles Deferred Compensation

Callan Consulting Team

Ben Taylor Ryan Cunningham

Callan's Defined Contribution Specialist Group

Client Policy Review Committee
11 Senior Professionals

Manager Search Committee 10 Senior Professionals Defined Contribution Committee 13 Senior Professionals Alternatives Review Committee
12 Senior Professionals

Strategic Planning

Plan Implementation Monitoring & Evaluation Education & Research

Capital Markets Research

8 dedicated professionals

(Also significantly contributes to our global manager research efforts.)

Global Manager Research

39 dedicated professionals

Defined Contribution Group

6 dedicated professionals

Trust, Custody & Securities Lending Group

3 dedicated professionals

Client Report Services Proprietary Database

27 dedicated performance professionals

Supported by 20 database, programming and systems professionals.

Callan Institute and "Callan College"

8 dedicated professionals

Most Callan professionals

participate as instructors and
research writers



Callan's Dedicated Defined Contribution Research Team

One of the Largest and Most Experienced DC Investment Teams



Greg Ungerman, CFA

- Defined Contribution Practice Leader
- DC and Management Committees
 Benjamin Taylor
- Head of US Tax-Exempt DC Research

Jamie McAllister Patrick Wisdom Jana Steele

- 15 Average years of industry experience
 - 9 Recordkeeper searches conducted in past two years
- 37 Fee studies/reviews conducted in past two years
- 35 Investment structure evaluations conducted in past two years
- 23 Target date fund suitability studies conducted in past two years

- 40-year history of defined contribution consulting
- Broad perspective, partnering with more than 100 clients
- Expertise across all facets of DC plan management

Focused on outcomes

Best Practices:

Fiduciary Handbook, DC Insights

Proprietary Analytics:

 Recordkeeping Database, TDF Analytics

Innovation:

Callan DC Index, Target Date Index

Thought Leadership:

 DC Plan Sponsor Trends Survey, Whitepapers



Callan

Investment Experience

Monitoring & Evaluation

- 35+ Year commitment to performance measurement
- 25 Dedicated performance analysts
 - 3 Analytical solutions experts
 - 6 Investment database specialists
- 10 Programmers/system analysts

Empowers clients with performance measurement, database, and investment analytics

- Proprietary data
- Innovative analytical tools
- Customized, flexible, accurate reporting



Allie Banuelos Amit Bansal Stacy Chang Brendan Egan Perry Jurow Ed Kunzman Matt Loster Paul McGurk Alpay Soyoguz, CFA
Denise Steele
Fionnuala Wright



Organizationally Committed to the Science (and Art) of Performance Measurement

We invest where others outsource

Career tracks for performance measurement and database professionals

- Senior analysts with 20+ years of experience
- Robust, ongoing training program for analysts
- Strong support of pursuit of CFA, CAIA, and other continuing education

Powerful development track for career consulting professionals

 President, defined contribution practice leader, fund sponsor consulting manager, and director of research were all performance measurement or database analysts early in their careers

Committed to maintaining proprietary systems

- Provides control over quality, timeliness, and development priorities
- Insulated from organizational and pricing risk of third-party vendors

Retain intellectual capital to understand, develop, and explain complex metrics

 Data scientists and developers with (literally) hundreds of years of combined experience working on our proprietary systems

Currently making significant investment in developing our third generation of proprietary performance and risk measurement reporting system

How Callan Will Support the DCP Investment Lineup

Callan's Philosophical Tenets

Durable

• Investment structures should be built for the long term. Three-tier structures facilitate usage by full range of participants from "do-it-for-me" to "do-it-yourselfers".

Simple

 Simpler can be better. The number of choices affects participants' allocation decisions. Make sure the level of complexity is suited to the sophistication level of your participants.

Open Architecture

 Multi-manager funds allow for better diversification, toptier managers in every category, and efficient implementation of changes to the line-up without disrupting participants.

Low Cost

 Take advantage of scale and competition to manage costs for both active and passive options. Monitor all expenses.

Callan will support a comprehensive process to satisfy fiduciary requirements including:

- Documentation of decision-making and review processes
- Provide a feedback and control system to monitor performance and management of fund options
- Update Fiduciaries on best practices and industry trends



Callan's Research Resources

As of December 31, 2020

Research Team by the Numbers

54 Specialty consultants

61% Callan shareholders

29 CFA and/or CAIA charterholders

23 Master's degrees

Searches and Database by the Numbers

994 Manager searches completed over the last five years

\$185 bn Assets represented by these searches

2,500+ Average number of manager meetings per year

2,700+ Organizations tracked in proprietary database

24.000+ Strategies tracked in proprietary database

Commitment to dedicated resources

- Sole focus is research
- Highly valued, high-profile, career positions
- Original research, in-depth due diligence

Proprietary database and analytics

- Full control over data collection and due diligence
- Clean, detailed, and continuous data

Searches are client-driven and customized

- No buy-list
- Emphasis on both quantitative and qualitative analysis
- Thorough documentation of entire process

Oversight committee for manager searches

- Best thinking across the firm
- Ensures quality control and adherence to well-defined and robust process



Dedicated Resources

Public Market Research

U.S. Equity

Amy Jones Corey Schier Mark Stahl, CFA

David Wang Mark Wood, CFA



Ho Hwang Lauren Mathias, CFA Tim Pollard Fanglue Zhou



Fixed Income

Kristin Bradbury, CFA Dario Buechi* Kyle Fekete, CFA

Nathan Wong, CFA David Zee, CFA





^{*}Supports all asset classes.



Dedicated Resources

Public Market Research (continued)

Target Date Funds

Mark Andersen Dario Buechi

Gary Chang, CFA Jason Ellement, FSA, CFA, MAAA Julia Moriarty, CFA Patrick Wisdom













Multi-Asset Class

Mark Andersen Gary Chang, CFA Jason Ellement, FSA, CFA, MAAA Pete Keliuotis, CFA Sean Lee, CFA Adam Lozinski

Kevin Machiz, CFA, FRM Joe McGuane, CFA

John Pirone, CFA, FRM, CAIA David Welsch, CFA















Callan's Search Process

- Client & Candidate Profile
- **2** Quantitative Analysis
- **3** Qualitative Assessment
- 4 Peer Review & Preliminary Call
- 5 Candidate Review Packet
- 6 Manager Search Committee Meeting
- 7 Manager Candidates to Client

Universe of managers in Callan's database

- 10,000 managers; 16,000 products
- No cost to submit data; proprietary database to maintain data integrity

Manager knowledge

- 2,300 manager meetings, on-sites, and conference calls per year
- Industry coverage, research and discovery by GMR specialists
- Speaking engagements

Key criteria considered during the search process

- Client considerations and rationale for the search.
- The Ps
- People, Process/Philosophy, Portfolio Characteristics, Performance, Product Dynamics
- Peer review

Customized approach to identify appropriate candidates

- One size doesn't fit all
- Encourages creative solutions to clients' manager structure
- Search timeframe varies depending on mandate



Trust, Custody and Securities Lending Group

30 Average custody searches, service benchmarking, fee reviews, securities lending, transition management consulting, and related projects conducted each year

1991 Callan began providing trust/custody consulting services, with 64 years of cumulative industry experience

\$999 Billion in total assets advised in 2018



Bo Abesamis Mark Kinoshita Alvaro Vega

- Respected industry leader providing thought leadership and strategic direction in trust, custody, securities lending, and transition management
- Conducts searches and reviews, and provides guidance in best practices related to back- and middle-office outsourcing and administration, governance, proxy voting, and more
- Extensive Database of Completed Searches and Negotiated Fees to assist clients with relevant fee/cost analysis for fee benchmarking.
- Distinct and thorough methodology and risk mitigation process for evaluating trust/custody, transition management pools, and securities lending providers.

Capital Markets Research

What makes our team great?

- Customized approach to decision-making
- Rigorous modeling and analysis
- Extensive experience with various investment pools

- Conducts all asset/liability, asset allocation, and asset spending studies for our clients
- Performs investment structure work to follow asset allocation decisions
- Provides capital market research and develops proprietary capital market assumptions for use in risk/reward modeling
- Provides custom client research and education



Gary Chang, CFA Jason Ellement, FSA, CFA Jay Kloepfer

Adam Lozinski Kevin Machiz, CFA, FRM Julia Moriarty, CFA

John Pirone, CFA, FRM, CAIA James Van Heuit



Published Research Highlights from 3Q21

Comparing Actuarial and Consultant Rates of Return



The Role of Target Date Funds in Retirement



Infrastructure and Real Estate Debt in Portfolios



Research Café: Property Technology



Recent Blog Posts

GPs Take 'Credit' for Higher IRRs

Jonathan Farr

Seeking Yield in All the Right Places

Nathan Wong

PCE vs. CPI: What's the Difference?

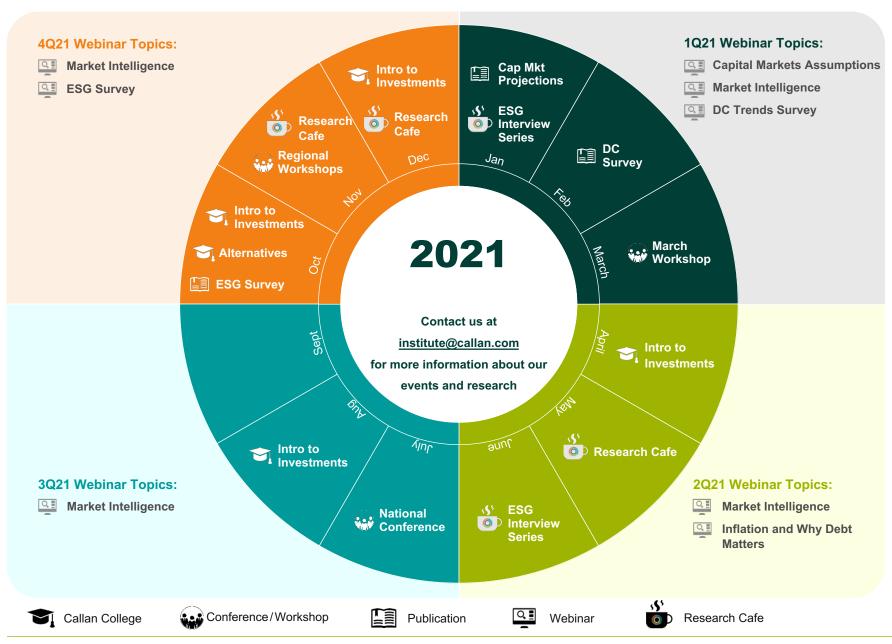
Fanglue Zhou

Additional Reading

Private Equity Trends quarterly newsletter
Active vs. Passive quarterly charts
Capital Markets Review quarterly newsletter
Monthly Updates to the Periodic Table
Market Pulse Flipbook quarterly markets update



Content Calendar – Callan Institute





Callan

Fees

Callan's Service Offering to LADCP

Callan proposes an annual retainer fee of \$187,500

- This is a flat, fixed annual retainer fee for consulting services and is inclusive of all expenses.
- Callan will not charge anything outside of the proposed retainer fee unless a fee for an out-of-scope project is agreed upon in writing between LADCP and Callan.

Fees for Projects Outside of Proposed Retainer

- Recordkeeper search \$85,000 / occurrence
- Administrative and investment management fee evaluation \$30,000 / occurrence
- Target date fund search \$25,000 / occurrence

