#### **INVESTMENT SEMINAR**

## THE VALUE OF INVESTMENT MANAGEMENT

Presented by: Scott M Anderson, CFA Eric Chin George Moss Nitin Vaidya, CFA

September 25, 2024



## INVESTMENT TEAM

#### TEAM MEMBER EXPERIENCE: > 15 YEARS AVERAGE

- Asset and risk allocation
- Direct public and private investment
- Fund and portfolio management
- Manager selection

- Fund of funds management
- Quantitative analysis
- Risk management
- Liquidity management

- Pension, endowment and insurance
- Performance management
- Overlays and exposure management
- Multi-asset portfolio management

Scott M Anderson – Chief Investment Officer
Eric Chin – Deputy Chief Investment Officer
Derek Dukart – Senior Analyst Internal Equity
Chirag Gandhi – Portfolio Manager Internal Fixed Income
George Moss – Portfolio Manager Internal Equities
Matt Posch – Portfolio Manager Public Funds Management
Nitin Vaidya – Chief Risk Officer
Jason Yu – Risk Analyst
Lance Ziettlow – Portfolio Manager Private Markets



## ROADMAP FOR SUCCESS



#### **CAPABILITIES FOR SUCCESS**

- Delegated authority
- Incentive comp system
- Direct investment team
- Independent benchmark consultant
- Private markets benchmark corridor
- Fund pooling

- Daily fund values and returns
- Advanced operations
- Audit processes and compliance
- New investment processes
- Fund and liquidity management
- Derivatives overlays

- Valuation and exposure management
- Investment data warehouse
- Order management system
- Portfolio management analytics
- Integrated data and messages
- Knowledge management system

## GOAL

- Maximize return for a level of uncertainty
- At a prudent level of uncertainty
- After cost





## WHY INVESTMENT MANAGEMENT?

#### 1. INCREASES RETURN FROM BETTER ALLOCATION

- An investment platform enables investment in a greater range of strategies and asset classes
- Higher return allocations require a staff led implementation
- Most higher return allocations cannot be implemented with indexes

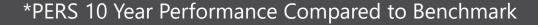




#### 2. INCREASES RETURN FROM BETTER SELECTION

- An investment platform enables capabilities for selection of better individual investments
- Better selection of investments enables out-performing a benchmark
- The best higher return investments are not available as indexes







#### 3. ENABLES DIVERSIFICATION BENEFITS

- Diversification reduces uncertainty for a given return
- The best diversification opportunities require a staff led implementation
- The best diversification opportunities are not available as indexes





#### 4. REDUCES COSTS

- An investment platform reduces the cost of plan operations and increases the return from operational enhancements
- An internal investment capability reduces costs
- Investment staff is needed to enable these benefits





<sup>&</sup>gt;\$16 MM\*
Per Year!

# ALPHA AND FUNDS MANAGEMENT (AFM) Eric Chin

## **AFM: THE TEAM**

### **Scott M Anderson**Chief Investment Officer

Alpha and Funds Management

**Eric Chin**Deputy CIO

Matt Posch
Portfolio
Manager

**Pending** Analyst

Risk Allocation and Management

**Nitin Vaidya**Chief Risk
Officer

**Jason Yu** Risk Officer

- Manages externally managed strategies that transact in public markets
- Oversees ~\$10.5B of public equities, and ~\$6.9B of public fixed income

## AFM: GOALS

- Find investment managers / strategies that can beat the market (i.e., Russell 1000, S&P 500)
- At prudent levels of uncertainty
- Net of fees



## AFM: MANAGER SELECTION

Select managers based on process, philosophy, team, technology. We are not chasing historical returns.

HIRING RATIONALE	
Experienced Team	
Necessary Technology	
Disciplined Process	
Performance In-Line With Expectations	<b>√</b>
Identifiable Competitive Edge	
Sustainable Alpha Source(s)	

TERMINATION CRITERIA	
Staff Turnover	
Inconsistent Process	
Uncharacteristic Performance/Style Drift	
Change in Investment Thesis	
Deterioration of Alpha Source(s)	
Long-term Headwinds for Strategy	×

#### **Qualitative Evaluation:**

- Assess a manager's competitive edge, process, strategy, alpha sources, team capabilities etc.
- Develop investment thesis



#### **Quantitative Analysis:**

- Verify the investment thesis by the numbers
- Analyze portfolio holdings and return streams
- Differentiate between alpha vs beta

### AFM: MANAGER SELECTION PROCESS

16,000+ Investment Products

### Initial Screen of Investment Products:

#### Qualitative Characteristics

- Firm AUM
- Strategy AUM
- Team size
- Institutional AUM
- Retail AUM

#### Quantitative Characteristics

- Performance
- Information ratio
- Tracking error
- Standard deviation
- Excess returns

Identify 10-20 Candidates

#### Preliminary Investment Review:

- Initial calls with manager
- Firm & process evaluation
- Peer comparison
- Consultant review
- Correlation to existing managers

Identify 3-5 Candidates

#### In-depth Review:

- Onsite meetings with investment team
- Request for Information (RFI)
- Comprehensive analytics: performance, attribution, holdings & risk
- Operational DD

Identify Top Candidate

#### **Approval:**

- Formal investment memo
- Internal approval by AFM Team, CIO, CRO
- IC approval

Manager Approved

#### Onboard:

- Legal review
- Fee negotiations
- Reporting and transparency

Manager Onboarded

## Manager Selection Process

- Disciplined, consistent and rigorous
- Backed by extensive research and due diligence
- Multiple layers of review and approval
- Risk is integral in the selection process

Screen

Diligence

**Approve and Onboard** 



## AFM: PUTTING IT ALL TOGETHER

#### IDENTIFY BEST-OF-BREED MANAGERS

CREATE
PORTFOLIO OF
MANAGERS

**ASSESS RISK** 

SIZE POSITIONS

AFM Team identifies bestof-breed managers through a rigorous manager selection process. Identify the right mix of managers to create a portfolio:

- Find managers that have uncorrelated sources of alpha.
- Identify a portfolio that benefits from strategy diversification but that is not overdiversified.

Quantify risks at the overall portfolio level:

- Liquidity
- Concentration
- Tail risks
- Systematic
- Inflation
- Factor
- Event
- Currency
- Others

Size managers appropriately considering:

- Conviction in strategy
- Market cycle and state
- Probability and magnitude of excess return generation
- Risk: including risk contribution and shared risk factors
- Optimize portfolio considering IR, TE, and excess returns



## PRIVATE MARKETS George Moss

## STRUCTURE FOR SUCCESS

#### **PHASE**

#### **ACTIVITIES**

1.0

#### **DATA GATHERING & ANALYSIS**

- STAFFING: GEORGE MOSS (NOV '22), LANCE ZIETTLOW (MAR '23)
- TECHNOLOGY PLATFORM FOR AGGREGATING AND ANALYZING THE ASSETS
- BENCHMARKING
- PACING MODELS FOR EACH STRATEGY AND EACH POOL

2.0

#### **OPTIMIZATION**

- MOVE AWAY FROM EXTERNAL FUND-OF-FUNDS, AND TO THE EXTENT POSSIBLE BE CONSISTENT ACROSS POOLS
- ADDRESS CONCERNS IN SUB-ASSET CLASSES
- CONSIDER DEDICATED PRIVATE MARKET CONSULTANT

3.0

#### **ADVANCED FUNDS MANAGEMENT**

- FULLY OPERATIONAL INTERNAL FUND-OF-FUNDS STRUCTURE
- BUILD OUT A COINVESTMENT PLATFORM
- MANAGE LIQUIDITY AND EXPOSURES WITH PUBLIC PROXIES



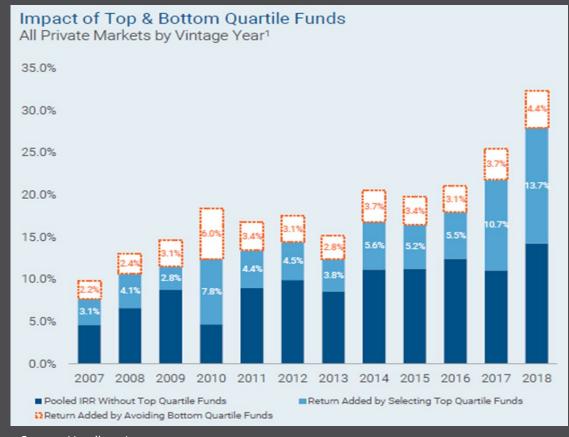
## WE BELIEVE

- Private markets are a strategy, not asset classes.
- Higher cost and less liquidity must be compensated for.
- Private markets are less efficient than public markets.
- Accessing top-performing managers is crucial to success.



## STRATEGY

Due to the wide dispersion of manager returns, accessing top-tier managers is crucial, but avoiding the bottom-tier can be equally impactful.



- Through the team's experience and by leveraging existing relationships and technology, we seek to partner with the best managers that we can access.
- Seek consistency while also being cognizant of prevailing conditions.
- Global in scope with geographic exposure that roughly equates to the opportunity set.



## **PROCESS**



Over 250 manager meetings per year (prospective and existing)

25-50 managers of interest (preliminary due diligence)

5-10 hires (exhaustive diligence)



# INTERNAL INVESTMENT TEAM George Moss

## STRUCTURE FOR SUCCESS

#### **PHASE**

#### **ACTIVITIES**

1.0

#### STAFFING, TECHNOLOGY, & INITIATION

- STAFFING
  - EQUITIES: GEORGE MOSS (AUG '24), DEREK DUKART (AUG '24)
  - FIXED INCOME: CHIRAG GANDHI (SEP '24), SENIOR ANALYST TO BE HIRED 🍑
- TECHNOLOGY PLATFORM FOR TRADING AND ANALYTICS
- CASH OVERLAY FOR ASSET ALLOCATION COMPLETION AND REBALANCING EFFICIENCY
- INDEX REPLICATION TO REDUCE COST AND LAY FRAMEWORK FOR FUTURE

2.0

#### **ADD ASSETS & COMPLEXITY**

- ENHANCED INDEXING
- ACTIVE PORTFOLIO TILTS

3.0

#### **ADVANCED FUNDS MANAGEMENT**

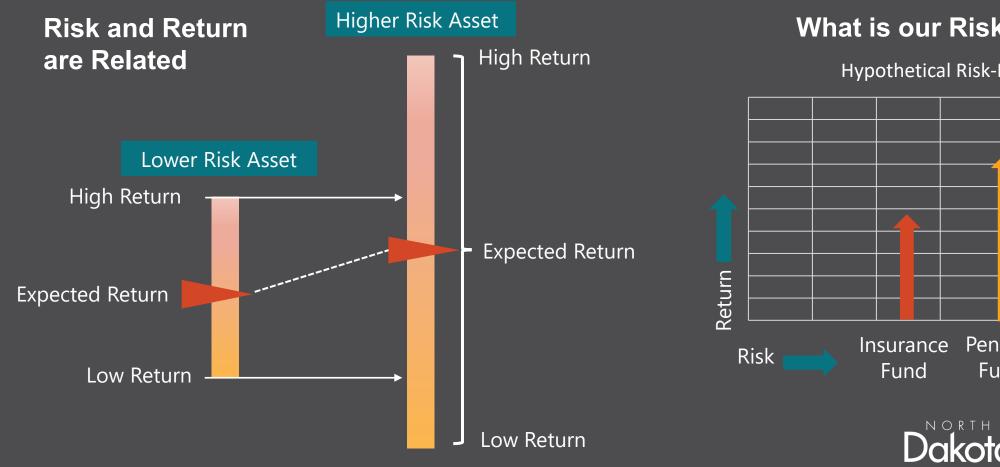
 ADVANCED ACTIVE STRATEGIES: HIGH YIELD, SMALL CAP, LONG/SHORT, FACTOR BASED, TREND FOLLOWING, BEST IDEAS, AND OTHERS



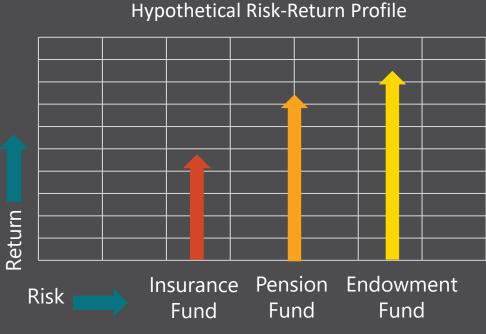
# AND MANAGEMENT Nitin Vaidya, CFA

## RISK AND INVESTMENT OUTCOMES

"Investment Management is about managing risk not avoiding it" – Benjamin Graham



#### What is our Risk Tolerance?





## SOURCES OF PORTFOLIO RISK

#### **Portfolio Structure**

- Liquidity
- Concentration (i.e., position sizes, number of positions, correlation)
  - Leverage
  - Counterparty
    - Cash
    - Event risk
  - Tail risk/non-linear

#### **Investment - Idiosyncratic**

- Operational/Event risk
- Balance sheet, Earnings
  - Legal, ESG

#### **Investment - Systematic**

- Market sensitivity
  - Credit risk
- Interest rate risk
- Duration risk

#### Portfolio Risk Sources

#### **Macro-Economic**

- Inflation
- US Dollar
- Commodity Prices
  - GDP Growth
  - Credit Spreads
  - Yield Curve
- Correlation risk

#### **Factor Exposures**

- Style
- Quality
- Valuation
- Growth
- Size
- Dividend Yield
- Country/Currency
- Sector/Industry

## RESPONSIBILITIES OVERVIEW

Portfolio
Construction
& Asset
Allocation

Portfolio Structural Risk Mitigation Improved Risk Adjusted Return Investment
Manager
Assessment
and
Oversight

Risk Platforms and Tools



#### MENTAL MODEL FOR EVALUATING OUTCOMES

#### What is good performance?



**Key Question**: Was the level of risk consistent with expectations and was the process and its execution sound?



## QUESTIONS



