Investment management best practices for family offices
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In the Foreword, the text discusses the importance of investment management for ultra-wealthy families and the challenges they face. It highlights the need for robust investment processes and experience to achieve long-term target returns and required cash flows. The text also points out the absence of competency risk evaluation in many family offices, which can lead to fundamental mismatches between principal expectations and family office staff capabilities. The text concludes with the need for a comprehensive understanding of various characteristics and values to ensure effective management strategy.
Similarly, having created an asset allocation and investment framework, there needs to be a candid assessment of the readiness of the investment resources, both internal and external. This includes determining the efficacy of the resources – staff, advisors, research, data and systems – relative to the family’s investment objectives.

Citi Private Bank’s Global Family Office Group has the privilege of serving some of the world’s wealthiest individuals and families. This paper sets out a fundamental investment framework that embraces the best practices we have observed when working with leading family offices around the world. Central to our observations is that consistent, long-term portfolio returns are only achievable through a systematic and repeatable process, proper resource alignment and rigorous communication among key participants.

We hope that these best practices are beneficial, and we welcome the opportunity to partner with you and discuss the particular needs of your family office.
Initial questions

Family offices seeking to assess the readiness and adequacy of their investment capabilities should begin by asking these three fundamental questions of themselves:

• Do we have a rigorous and repeatable investment process, a well-articulated and periodically reviewed investment strategy and a regular assessment of results in relation to pre-defined benchmarks?

• Do we have the required in-house and/or external investment experience, people, content and technology for proper management of the amount, type and complexity of assets under management (AUM)?

• Do we actively manage communication between the investment team, principal(s), external advisors and family?
The investment process

Consistent internal or outsourced investment processes have six common elements:

1. An investment policy statement (IPS) that sets out the specific objectives, timeframes and benchmarks for the family portfolio

2. An asset allocation program that reflects family members’ true risk tolerance

3. Effective portfolio construction, based on rigorous investment research and analytics and ongoing monitoring

4. Periodic in-depth performance reporting against benchmarks and goals

5. Risk management practices to manage downside risk and excessive volatility (family office audits examining how the process works in practice can yield important information as to ability to deliver desired investment returns consistently)

6. A clearly articulated decision-making and communication process

INVESTMENT POLICY STATEMENT (IPS)

The IPS is the cornerstone document that:

- Defines the objectives of the family’s investment process
- Sets the investment parameters, including limits on individual positions and market exposures
- Delineates responsibilities, authority and committee structures
- Specifies portfolio rebalancing frequency
- Establishes standards for benchmarking performance

The IPS also specifies the roles and responsibilities of staff, asset managers, custodians and advisors. The process of developing a family’s IPS represents a unique opportunity for family members, staff and core advisors to identify and discuss inputs. It should foster critical dialogue and be revisited at least annually to reflect market conditions, changes in family objectives and past experience managing the portfolio.
ASSET ALLOCATION

There is a large body of academic research that confirms the critical importance of asset allocation and its effect on portfolio returns and volatility. A sound asset allocation model is one that embraces both the investment attributes and estimated return scenarios of global asset classes with the return, risk, liquidity and behavioral biases of the family, as set out in the IPS. The output of the asset allocation process will express the optimal asset class weightings within the family’s portfolio, as well as the range of probable outcomes within a given portfolio’s risk parameters and liquidity requirements.

This approach involves four core elements:

1. Identifying families’ primary needs and preferences as to after-tax returns, fees, volatility, risk exposure, liquidity and areas of avoidance or preference, such as so-called “sin stocks” or emphasis upon social impact investments

2. Analyzing asset class returns under varied volatility, correlation and extreme downside risk scenarios

3. Assembling a range of investment allocations across core asset classes and sub-classes

4. Exercising thoughtful judgment as to the optimal mix of assets, giving proper weight to the family’s true risk tolerance

Effective asset allocation demands sound quantitative skills, as well as investment judgment and experience. While modeling will produce a range of possible allocations, fine-tuning the portfolio to reflect the behavioral nuances of the principal or family is often the difference between success and failure.

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PORTFOLIO CONSTRUCTION

The development of an appropriate investment portfolio has two core elements: rules associated with portfolio construction and manager or portfolio content selection.

The rules associated with portfolio construction establish minimum and maximum exposures according to asset class and geography, rebalancing rules, timeframes and the degree to which tax and fee efficiency are primary elements of strategy implementation.

Manager selection is a means by which the portfolio is implemented. It begins with an assessment of whether passive indices or active management is preferable for each asset class/sub-class and/or geographic exposure of the portfolio. For example, the ability of an active manager to add alpha – excess return adjusted for risk – after taxes and fees is a primary consideration. The use of alternative investment managers is also a key consideration for suitable investors, given the risks and long-term nature of these investments and their potential role in portfolio diversification.

Being able to construct and manage portfolios effectively relies heavily upon robust investment research, from individual manager research to macroeconomic analysis. Effective family offices develop external resources that allow this often overwhelming amount of data to be accessed, synthesized and evaluated efficiently. Often, these resources include investment advisory boards, consulting firms and private banks. The role of the family office is to select these external resources carefully and deploy them in order to implement the IPS. The goal is to seek superior risk-adjusted returns, regardless of where the investment management content originates.

Increasingly, family offices engage a more diverse range of asset managers based on their style, asset type or geographic focus.

PERFORMANCE REPORTING

As investment portfolios have grown in complexity, size and diversity, performance reporting has moved center stage. Increasingly, family offices engage a more diverse range of asset managers based on their style, asset type or geographic focus. This makes it exponentially more difficult to integrate, analyze and report performance, given the variety of factors from currency to infrequent asset valuations. Many family offices turn to master bank custodians or consolidated reporting solutions to address the integration of tax lot-level account data, processing of corporate actions and report preparation. The best solutions provide performance data versus custom benchmarks for each asset class, asset manager and family branch, identifying key portfolio characteristics and risk metrics.
RISK MANAGEMENT

Risk management begins by identifying core risks that may impact the portfolio. These portfolio risks fall into two broad categories: systematic or market-level risk and non-systematic or security-specific risk. Based on this analysis, family offices must define practices that measure and monitor these risks, as well as identify pre-defined risk mitigation strategies. For example, families with concentrated stock positions or large interest rate-sensitive liabilities will often employ hedging strategies. Additional key areas of portfolio risk management and reporting include:

- Exposure risk: potential negative impact on a portfolio from concentration of investments in a particular asset class, sector, individual company or geography

- Counterparty or agency risk: concentration or absolute exposure to one or more firms who issue, manage, hold, transact or control assets

- Illiquidity risk: the likelihood of being unable to access portfolio funds within one or two quarters, largely due to bankruptcy, lock-ups, side-pocketing, extensions of fund life by general partners or unpredictable portfolio exits

COMPETENCY RISK

In many ways, competency risk is the least acknowledged and discussed risk in family office practice. This is particularly true for offices that have complex, multi-asset portfolios, but also limited staff resources or investment experience. Competency risk can be further increased by investments in hedge fund strategies or direct private equity and venture capital investments, which require even greater depth of experience and skill on the part of family office staff. The same can be said for executing complex capital markets transactions.

Family offices experience competency risk in different ways. At the extremes, some do not build adequate comprehension of investment strategies and products, and instead delegate the knowledge and responsibilities to third parties, believing their interests will be well served. Others adhere to the belief that there are few limits to their ability to manage investment assets, skill and experience notwithstanding. Not recognizing their limits and how to mitigate the risks thereof can lead to disastrous outcomes.

The best way to understand and mitigate competency risk is by candidly and thoroughly identifying the strengths and weaknesses of the family office resources - staff, technology, content and investment practices - relative to the investment demands being made of them. Based on the outcome of this assessment, competency gaps can be identified and filled internally or externally, or investments can be avoided.

Numerous external alternatives exist for family offices that wish to address their shortfalls in research, investment, trading or manager monitoring. Even the most sophisticated family offices or family investment companies can experience such shortfalls.

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COMMUNICATION

Communication among family members, family office executives and staff is a critical element for success and a major risk factor. We often observe that communication is overlooked or taken for granted. A comprehensive approach to managing communication has four dimensions:

- **Principal communication plan** - understanding the principal’s behavioral and decision-making patterns, defining the mode and frequency of communication, and creating a “common language” to enable clarity and efficiency of interactions between principal and family office.

- **Investment team communication** - having essential team meetings and communications organized around the life cycle of the portfolio, examining returns, risk, managers, fees, performance attribution and other factors. This all needs to be organized so as to avoid “groupthink” and “personality cult” tendencies, such as emulating the attitudes and behavior of the principal. Proper minutes and records of team communication should always be maintained.

- **Family communication** - a careful delineation should be made of what content needs to be shared with specific family members. This should be based upon role and asset ownership, the form and frequency of communication, education, and decision-making based upon member preference.

- **External advisor/manager communication** - most often, this will cover macroeconomic and market updates, changes in investment thesis, reviews of allocations and investments, and a forward-looking view of the portfolio and factors that would trigger changes in it. The frequency of such communication and meetings is based upon the nature of the advisor/manager role and relative importance to the portfolio. Written records of suggestions, actions and follow-ups should also be maintained.
The investment process inventory

Inventorying investment policies and practices, as well as their effectiveness, should be a periodic exercise. Some family offices assess their own capabilities, while others use consultants to assess operational effectiveness. Regardless of approach, answering the following questions is critical:

1. Do we have core investment processes in place or do they need to be put in place given any unique characteristics and changing needs?

2. Are our investment processes implemented in a consistent way?

3. How do our portfolio returns compare to relevant benchmarks and peer group data?

4. Do we have the right resources – people, experience, data and systems – to carry out these processes consistently and effectively over the long term?

5. Does it make sense to augment or substitute these activities by outsourcing them?

Family offices often report the greatest confidence in their skills at the peak of bull markets and the lowest confidence after suffering meaningful losses.
BUILD OR BUY

When it comes to management of wealth, family offices generally face a choice between building up resources and capabilities such as people, technology and research, or limiting their investing activities based on their available resources or skills. Problems often occur when there is a fundamental mismatch in two areas:

1. Too few resources or too many resources and costs. Family offices are prone to ending up at both extremes. They attempt to invest with insufficient resources, or overpay relative to their investment returns and risk exposure, particularly when both direct costs (staff) and indirect costs (manager fees, carried interest and custody fees) are factored in.

2. Insufficient skill and experience to manage large and complex multi-asset portfolios. Family offices can be costly endeavors and principals may be tempted to overreach in an effort to economize on outsourced services. Much like any business, family offices must determine where and how they will spend so as to achieve a competitive advantage. Mediocre investment staffing rarely produces desired results. Periodically assessing the costs, benefits and investment readiness of an in-house investment organization invariably leads to the question of whether to build, buy or pursue a hybrid of these two approaches.
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**SELECTION OF AN ADVISOR**

Many family offices wish to create a core set of investment processes and practices that are independent of the staff they may have today. This can help sustain family wealth over many generations, even when the personnel running and working for the family office changes over time. Family offices should thus select an advisor who:

1. Has a genuine open architecture approach to screening and recommending asset managers rather than favoring certain providers’ in-house products and funds (exceptions to this rule may include cash, core fixed income portfolios, use of passive investments or when the advisor also acts as discretionary asset manager)

2. Is fully transparent about all fees and conflicts

3. Has broad experience and substantial staff in such areas as asset allocation, manager research and monitoring, financial reporting, and risk monitoring/management

4. Has the technical capacity to monitor and help direct all other asset managers or sub-advisors

5. Has a central focus on family offices’ unique needs that is not simply a by-product of advising large endowments and foundations or smaller clients with smaller AUM

6. Can offer technology solutions to the family office, as well as provide training and education for family members and staff

7. Can effectively support the investment decision-making of the family office
OUTSOURCING

Which family offices most often benefit from outsourcing investment processes and advice? Outsourcing works well for family offices whose families have a clear understanding of their needs and are comfortable sharing their information with third parties. Outsourcing is not necessarily a binary decision. Nor is it a binary process. Many will outsource services if:

- The cost of outsourcing – including all fees – is less than what it would cost to perform these services internally. Fixed income and cash management are often cited examples of such services

- The expertise required to manage the assets effectively exceeds internal capabilities

Some families choose to maintain an in-house investment team of varying sizes and skills to assist in processing advisor recommendations, to undertake specialized investments not offered by the advisor – such as direct venture capital or real estate – or to augment the advisor team’s specialized research efforts.

The benefits of outsourcing investment process often include access to:

- A wide range of investment resources - often worldwide - such as sector specialists, country specialists, economists, manager research, and due diligence teams

- A diverse range of asset managers and sophisticated ideas

- Technology, content, and tools that would not be cost effective if sourced directly

- Ability to augment specific content, skill, and experience gaps internally

Much of the value provided by such external advisors comes from the investment discipline, ideas and focus they bring to the investment process. Effective advisors will listen, but also push back when actions taken deviate from sound investment practices or the stated policy parameters agreed with the family. The most often cited problems associated with outsourcing include:

- Hiring the wrong advisory firm given a family office’s unique needs

- Poor portfolio results or failure to deliver on promises of alpha

- Lack of transparency around potential or actual fee conflicts

- Necessity to align with the firm’s investment themes

- Perceived loss of control or customization
Below we have summarized some of the ways family offices may choose to outsource services. There is generally a significant overlap in the services offered by advisory firms, so the table below identifies the most relevant characteristics of each option.

“OCIO” stands for Outsourced Chief Investment Officer, essentially referring to full or partial outsourced investment management to a third-party.

<table>
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<th>Investment consultant</th>
<th>Manager of managers</th>
<th>Hybrid OCIO</th>
<th>Full OCIO</th>
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<td>A consultant focuses largely on manager research and portfolio construction using a defined universe of manager coverage (core, alternative, and specialty funds). Consultants may be small boutique firms or large advisors that serve endowments, foundations, private clients, and corporations.</td>
<td>The manager of managers assembles custom portfolios – for example, asset managers, funds and separate accounts – often in strategies that are difficult to research, access, or monitor without the benefits of a larger team and purchasing scale. Assets may be managed on a discretionary or advised basis. Banks, private banks, select mutual fund companies, brokerage houses and MFOs are the primary providers in this area.</td>
<td>In a hybrid scenario, the family office delegates a portion of their AUM, while retaining the rest to be managed in house. The family office generally maintains control over the strategic asset allocation of the overall portfolio while delegating investment tasks and varying degrees of discretion to the outsourced CIO provider.</td>
<td>In this scenario, the family office delegates the investment management and, in many cases, gives full discretion over investment decisions of the entire liquid AUM to a third-party. The strategic asset allocation is typically still controlled by the family office.</td>
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**Benefits:**
- Access to a broad range of manager research, global reach, institutional quality and well-resourced teams. Family offices can isolate manager research and selection from all other aspects of asset allocation modeling, reporting and risk management, which can be provided by other firms or carried out in house.
- Family offices can hire advisory firms with specialized skills and depth in specific asset areas to create one or more customized portfolios.
- Family Offices can get the best of both worlds by leveraging the external expertise of investment consultants, private banks and advisory firms for a portion of their portfolio while taking a hands-on approach with the rest. The family or the family office is also more active in decision making.
- Access to resources, better risk management, oversight and ability to quickly respond to market conditions.

**Drawbacks:**
- The large consulting firms often cover larger funds to be able to provide access to their sizable client base, generally charge higher fees and potentially react slowly to changing market conditions. There are potential challenges scaling to the personal requirements of a family.
- Higher fees, limited fund selection and customization and potential for conflicts. Liquidity management or assets are co-mingled with other clients.
- Creating a consolidated view of portfolio performance may be a challenge given the added complexity of multiple providers and inconsistent benchmarking. This strategy is often less nimble and may require a higher burden of oversight and day-to-day management arising from the decision-making process.
- Perceived loss of control over manager selection and implementation. There is a risk that advisory firms may lack access and expertise. Another consideration is that the family and next generation leaders may lose invaluable experience and decision-making capability. There is also potential for higher advisory fees.

AUM: Assets under management
MFO: Multi family office
Conclusion

The failure to achieve consistent long-term portfolio returns is often incorrectly attributed to poor investments, adverse economic conditions or hiring the “wrong” asset managers. However, the underlying causes of poor or inconsistent portfolio returns in family offices can often be traced back to deficiencies in process, resource allocation and communication. Examining, understanding and codifying practices around the factors outlined in this paper can provide the essential architecture to support consistent long-term portfolio outcomes.
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We offer clients comprehensive private banking and family office advisory services, institutional access to global opportunities and connections to a community of like-minded peers.

For more information, please contact your Private Banker or the group head in your region.

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