

November 1, 2022

In Today's Issue

- There is a lesser-known screening methodology developed by Morningstar that has a high degree of success in identifying stocks with meaningful competitive advantages. This strategy is known as "moats" and these moats should help these companies better weather the coming economic slowdown, preserve earnings power, and relatively outperform. Our goal with this issue is to not only introduce the concept of moats to your clients but also to highlight how these stocks can be integrated into your existing portfolios.
- The moat methodology scores prospective companies via five criteria: Switching Costs, Intangible
 Assets, Network Effects, Cost Advantage, and Efficient Scale. Screening for this criteria has resulted in this strategy with similar holdings to the S&P 500 but that historically outperforms that benchmark.
- Moat ETF #1: VanEck Morningstar Wide Moat ETF (MOAT). This original moat ETF has been in existence for 10 years, has \$6.3 billion in AUM, and has outperformed the S&P 500 over a 10 year period (and especially over the past five years and this year).
- Two Other Moat ETFs to Watch. Neither of these ETFs have enough AUM or volume to be viable for clients today, but they should stay on the radar screen as potential destinations for capital.
- Morningstar ESG Wide Moat ETF (MOTE). MOTE also screens for ESG, something that could be attractive to those clients focused on ESG exposure.
- VanEck Morningstar SMID Moat ETF (SMOT).
 SMOT applies the moat methodology to small and mid-cap stocks, applying proven criteria to the largely under covered small-cap universe.

Swimming In A Wide Moat for Alpha

With the market chopping around near its 2022 lows and calls for a recessionary environment growing louder, a consistent drumbeat for fund managers has been to own quality assets. Putting money to work right now should not be a gamble in any aspect of the portfolio. You are far better off owning financially sound companies with successful track records than hoping for a resurgence in speculative growth names with uncertain futures. Never forget that hope is not an investment strategy.

Most managers will turn to conventional quality factor screening that identifies financial traits such as attractive price-to-earnings ratios, low debt coverage, or high free cash flow. All of those dynamics are important and should be favored in this type of market, especially when uncertainty reigns supreme. However, there is another lesser-known screening methodology developed by Morningstar that has a high degree of success in identifying stocks with meaningful competitive advantages. This strategy is known as "moats."

A moat is just like what you think it is. In Medieval times, these geographical barriers protected the castle against external threats. In today's stock market, the term works the same way. It's essentially defined as a sustainable competitive advantage a particular company has in its business category that its peers will be hard pressed to overcome. That moat gives it pricing power, hyper efficiency, or fundamental value to its customers that other companies can't duplicate to the same degree.

Morningstar's equity research team has identified five sources of moats through their highly analytical scoring and industry evaluation process. These include:

Switching Costs - Switching costs give a company pricing power by locking customers into its unique ecosystem. Beyond the expense of moving, they can also be measured by the effort, time, and psychological toll of switching to a competitor.

Intangible Assets - Though not always easy to quantify, intangible assets may include brand recognition, patents, and regulatory licenses. They may prevent competitors from duplicating products or allow a company to charge premium pricing.

Network Effect - A network effect is present when the value of a product or service grows as its user base expands. Each additional customer increases the products or services value exponentially.

Cost Advantage - Companies that are able to produce products or services at lower costs than competitors are often able to sell them at the same price as the competition and gather excess profit or have the option to undercut the competition.

Efficient Scale - In a market limited in size, potential new competitors have little incentive to enter because doing so would lower the industry's returns below the cost of capital. (source)

Companies that perform one or more of these moats well are some of the most successful and dominant forces in the market. That makes them attractive stocks to own from a fundamental standpoint and long-term winners for their shareholders as they demonstrate consistent outperformance.

Our goal with this issue is to not only introduce the concept of moats to your clients but also to highlight how these stocks can be integrated into your existing portfolios. This type of market is the perfect time to consider making meaningful changes to assuage fears of volatility as well as position yourself for a fast-paced recovery on the upswing.

The ETF That Started It All

One of the smart-beta powerhouses in the ETF world over the last two decades has been VanEck, which manages more than \$68 billion globally and was originally founded in 1955. The family-owned fund manager has successfully launched unique sector, industry, and enhanced index funds that typically turn out to be stalwart alpha generators among those who are in the know.

That's who Morningstar partnered with more than 10 years ago to unveil the VanEck Morningstar Wide Moat ETF (MOAT) in 2012. This first-of-its-kind fund was designed around an equity screening methodology that Morningstar created to identify attractively priced U.S.-based companies with sustainable competitive advantages. It swiftly took off and today boasts more than \$5.9 billion in assets under management.

Part of Morningstar's propriety process of filtering companies by the strongest moats is to classify each of the five moat elements by three data points: none, narrow, and wide. A wide moat indicates that a company has the strongest level of competitive advantage among its peer group. Conversely, they eliminate stocks that have narrow or no moats according to the equity research team's analysis profile.

To be eligible for inclusion in the MOAT portfolio, companies must also meet or fall below a fair value estimate that the equity research team regularly updates. This allows the index to filter out overvalued enterprises that may be trading at extreme premiums based on short-term sentiment or momentum. The result is a basket of more than 40 high-quality, large- and mid-cap stocks that are divided into two sub-portfolios. These two silos are then reconstituted and rebalanced to 50% of the portfolio on alternating quarters. There are also sector weighting caps and other buffers to ensure capital is spread over a diversified pool of securities.

Several of the top 10 holdings in MOAT include Biogen Inc, Etsy Inc, Amazon.com, Wells Fargo, and Gilead Sciences. It's also home to household names such as Walt Disney, Microsoft, and Alphabet Inc. No single stock currently represents more than 4% of the total portfolio. That allows for a wider distribution of performance drivers across the entire basket and eliminates over concentration in any one stock that is common among market-cap weighted indexes.

The sector makeup of MOAT is of interest as well because it holds true to conventional expectations

of competitive innovation. Technology stocks make up 31% of the portfolio followed by industrials, healthcare, financials, and consumer discretionary. Not represented in the portfolio are real estate or energy stocks and there is very little consumer staples presence as well. The tilt of this composite is clearly growth-focused, which is in line with sectors that have historically been attentive to advancement in technology and modernization.

Don't confuse the growth tilt with the type of cutting-edge originality that you would find in an

ARK portfolio. The stocks in MOAT are rigorously screened for their financial stability and business execution opportunities. Furthermore, they are dispassionately selected and equally weighted according to the smartbeta index criteria rather than an active fund manager's impulse.

• VanEck Morningstar Wide Moat ETF (MOAT) Total Return

0.00%
-8.00%
-13.92%
-10.00%
Oct 30 2022, 11:00PM EDT. Powered by **CHARTS*

One of the benefits of MOAT is that its underlying holdings are highly liquid and the ETF itself is heavily traded daily. That means advisors are going to get spot-on trading execution on both the buy and sell sides as needed. Furthermore, the fund charges a modest 0.46% expense ratio to administer the portfolio, which is in line with comparable smartbeta equity strategies.

The factor criteria embedded in MOAT provides a unique portfolio of stocks that will pique your interest for many client situations. However, evaluating the fund's performance over both short- and long-term time frames should provide even more confidence in this stalwart investment vehicle.

How Moat Stocks Add Excess Returns

Advisors are continually bombarded with nextgeneration strategies that promise to deliver impressive results. That untapped potential must also be backed up by solid fundamentals and deliver real -world performance that investors can rely on. Fortunately, MOAT has delivered on both of those criteria since its inception.

What immediately caught our attention with this ETF is its performance variance versus the S&P 500 Index on a year-to-date basis. MOAT is generally following a similar price pattern as the large-cap benchmark but has experienced less total downside capture. The fund is beating SPY by approximately

200 basis points this year and has demonstrated a pattern of widening performance differential on every market rally.

That may not seem all that impressive on a standalone basis. However, when you compare its YTD returns against a popular growth benchmark such as

the Vanguard Growth ETF (VUG), MOAT is demonstrating more than a +14.5% positive performance improvement so far this year. That's a significant alpha variance with remarkable signals that the security selection and weighting methodology are working cohesively to lower total volatility.

We want to point out that the benchmark MOAT is striving to outperform is the S&P 500 Index. However, a large-cap growth competitor such as VUG is a more appropriate comparison tool given the similarities in current sector mapping and underlying security makeup.

This real-world performance also coincides with Morningstar's own analysis of the Wide Moat Focus Index returns since inception. A May 2020 whitepaper included the following observations based on the data set through March 31, 2020:

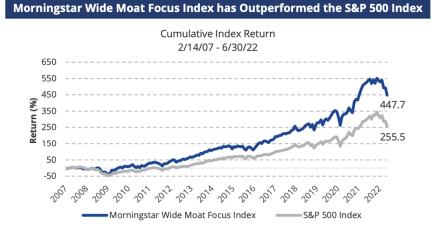
In looking at the Wide Moat Focus Index's performance after U.S. equity markets have declined, we observe sizable excess returns over the following three-year periods. Although the data indicates that excess returns have been positive following a base month of any return variety, down months for the broader market have set the stage for far higher excess returns.

While the results discussed above reflect the index's forward performance from various market environments in a base month, we also monitor how the strategy has performed concurrently with different market environments. Of course, strong perfor-

mance after sharp market selloffs is only beneficial for investors if the strategy can preserve capital relative to its benchmark when blood was in the water.

Perhaps more noteworthy, however, is that the Wide Moat Focus Index has also soundly outperformed its benchmark when the benchmark has risen in a given quarter. This is reflected by its upside capture ratio of 112, meaning that the strategy has outperformed its benchmark by 12% during up quarters.

The composite returns of the Morningstar Wide Moat Focus Index since inception back up these claims when overlayed against the S&P 500 over that same time frame. The chart here, updated through mid-2022, demonstrates a consistent and proven track record over the long run. (chart source)



What's interesting is that over its complete history, the Morningstar Wide Moat Focus Index has swung back and forth between growth or value bias depending on the market environment.

Performance data indicates that the Wide Moat Focus Index has done just that. When analyzing quarterly performance periods, the strategy has delivered a downside protection ratio of 86, meaning that it has declined only 86% as much as its benchmark during quarters in which the benchmark traded lower. This might seem intuitive, given the index's focus on great businesses that enjoy durable competitive advantages. Indeed, these types of stocks are often viewed as safe havens when markets go haywire, so it might not be particularly surprising that the strategy has held up well during these situations. Additionally, the index's max drawdown has been negative 42.43% versus negative 50.76% for its benchmark.

The regular reconstitution of the underlying holdings combined with the fair market value filter ensures that stocks showing overbought characteristics are booted out and attractively priced candidates are added. That methodology also has proven to underweight the momentum factor as compared to the total market benchmark over a complete cycle.

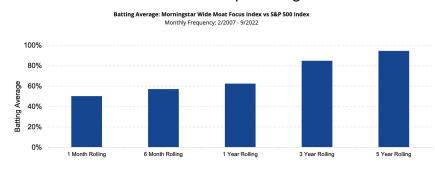
Another way to assess the performance of the Wide Moat Focus Index is via a metric that Morningstar calls, "Batting Average." Here's how Morningstar defines it.

"Batting Average is measured by dividing the number of periods a portfolio or investment strategy outperforms a benchmark by the total number of periods."

In this instance that period is monthly, which is more statistically significant for advisors than quarterly performance because that's typically how often account statements are sent and clients review their account performance.

That adaptability component is a unique value proposition of the MOAT ETF. You aren't locked in-

to a rigid subset of stocks that only target specific factors, sectors, or themes regardless of price. Its defining characteristic is that it shifts towards publicly traded companies that demonstrate attractive competitive traits given the



Total Periods	187	182	176	152	128
Total Outperformed	94	104	110	129	121
Batting Average (%)	50%	57%	63%	85%	95%

conditions at the moment. Just because it owns Amazon.com or Microsoft today doesn't mean those stocks are locked in for perpetuity. Each holding must regularly meet specific thresholds, or they will ultimately be replaced for more attractive opportunities.

New Ways of Utilizing Moats

We all know that any successful investment tool will spawn similar strategies with style adjustments, and the moat theme is no exception. Morningstar has partnered with VanEck to recently launch two new variations on this methodology that have intriguing characteristics to watch. While they have not yet garnered the asset size or trading volume for us to give a thumbs up for advisors to own, they should be on your radar as future strategic investment vehicles.

The first is the Morningstar ESG Wide Moat ETF (MOTE). The fund tracks a rules-based index intended to offer exposure to attractively priced U.S. companies with long-term competitive advantages, according to Morningstar, that have been screened for ESG risks. MOTE just celebrated its one-year anniversary and still has a paltry \$4 million in assets with very sporadic trading volume to date.

The ESG component is one that is becoming an increasingly popular driver of client-directed investment goals and this fund offers a way to integrate that alongside the wide moat factor. In this case, companies are excluded from possible inclusion in the portfolio if they are involved in the business of weapons, high carbon energy generation, or a large percentage of sales from tobacco products. The

screening criteria also looks to eliminate any companies that have a severe or high-risk rating in their ESG scores from third-party analytics services.

The result is a diversified portfolio of more than 50 U.S.-

based stocks that undergo a similar rebalancing and reconstitution schedule as the original wide moat index. These include familiar names such as Kellogg Co, Constellation Brands, Gilead Sciences, Polaris Inc, and Yum Brands. Technology is the top sector weighting with 27% of the portfolio followed by consumer staples, financials, consumer discretionary, and healthcare.

The relatively short trading history of MOTE has demonstrated an almost identical performance profile as the broad market ESG benchmark Vanguard ESG U.S. Stock ETF (ESGV). It's encouraging that MOTE is tracking well to this highly regarded yardstick, but it hasn't been around long enough to demonstrate the untapped alpha that is lurking beneath the surface.

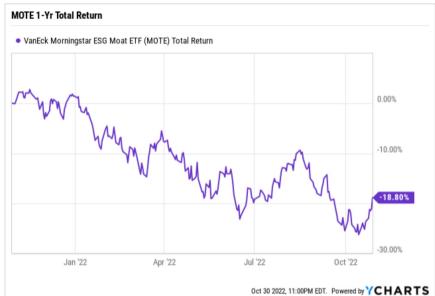
The interesting thing to watch will be how this fund recovers when the next cyclical uptrend emerges. That will give us additional data points for comparison purposes and likely more trading volume will develop with that cycle.

That doesn't mean MOTE is a tool to completely shelve right now. Its best use case in the present form is to regularly monitor its underlying holdings and any quarterly adjustments the portfolio makes

down the road. That will provide any stock picking portfolios with high quality ESG-focused companies to consider for selection in client accounts that are attentive to this goal. Let the Morningstar index do the work for you in continually identifying U.S. stocks with wide moats trading at attractive valua-

tions and are governed with sustainability in mind.

Another very recent addition to this lineup is the VanEck Morningstar SMID Moat ETF (SMOT) that launched in early October of this year. As its name suggests, this fund targets the small- and mid-cap U.S. stock market with the same em-



phasis on attractive valuations and unique competitive advantages. The current portfolio is made up of just over 90 stocks with industrials, technology, and consumer discretionary as the top sector weights.

What's intriguing about this fund is that there are very few small-cap ETFs that focus on true smartbeta criteria. An overwhelming majority of the available funds in the market are concentrated on plain-vanilla factors such as growth/value, size, revenue, or volatility. That means there is a big opportunity for SMOT to make an impact on an overlooked area of the marketplace with alphagenerating potential.

One of the reasons for this gap is because there is far less analyst coverage of the small- and mid-cap segments as compared to large-cap stocks. However, Morningstar estimates that these stocks account for approximately 50% of the total U.S. equity marketplace as of July 2022. That's a big pool of untapped investment potential that benefits from the forward-looking equity research that is embedded in this portfolio.

I would argue that a wide moat is even more emphatic for smaller companies in their long-term growth prospects as compared to large-cap stocks. This qualitative factor is likely to lead to a high degree of profitability and successful business execution for those companies that demonstrate these

traits.

With little trading history, we can't give the thumbs up to own SMOT at this stage. Nevertheless, like its ESG sibling, it's one that we recommend you have on your radar for potential portfolio inclusion as more assets, liquidity, and data becomes available. This fund has

the structural characteristics we look for to be highly successful over the long-term.

How to Integrate Moat ETFs

Most smart-beta ETFs are designed for specific use cases that target a particular market environment or thematic play. That means they are generally held for short- or intermediate-term time frames and then swapped out for alternative strategies after the window of opportunity sunsets. As such, position sizes are smaller by nature to minimize concentration risk.

One of the benefits of the moat ETFs is that they are agnostic to specific market environments and are more aligned with an all-weather portfolio building block than a particular sector or strategic move. They can pair well alongside a low-cost conventional index fund to tilt the portfolio towards more alpha-generating opportunities. The benefit is that you introduce a fund into your accounts that will gradually evolve over time to take advantage of what the market gives you rather than staying rigid to a bland factor or static mix of companies.

While MOAT itself isn't inherently as diversified as a major market bellwether such as the S&P 500, its sector dispersion is such that it exhibits similar price characteristics. That means investors can feel comfortable owning a larger allocation to this fund than conventional wisdom would entail. It is analogous to owning the ProShares Dividend Aristocrats ETF (NOBL) in an income portfolio. A tightly focused, multi-sector basket of high-quality stocks with deep liquidity that has developed a proven long-term trading history.

The track record of these ETFs showcases a strategy that performs similarly, or better, than the market benchmark under most conditions. Investors will find the most success with these funds by holding them for long periods of time so that the benefits of the enhanced index are realized over a complete market cycle. They are not designed to be short-term trading vehicles.

Timing also is working in the favor of new money committed to these funds at prices well off their all-time highs. Previous periods of market down cycles have been followed by unequivocable outperformance in MOAT as the market recovers. That means new investors have a high probability of capturing that alpha before the next uptrend develops—if they strike while the iron is hot.

Conclusion

Bear markets are some of the best opportunities to introduce new investment strategies as you rotate out of underperforming assets. This is particularly true during this period when both equities and bonds are experiencing severe pain.

The moat concept is one that is easy for clients to understand and feel comfortable owning given the stalwart track record through numerous ups and downs.

Best,

Tom

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Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Re- turn	Benchmark Perfor- mance Since Issue <u>Date</u>
Index Rebal KWEB (KraneShares CSI China Internet ETF)	KWEB is an index rebalance play based on major Chinese internet and ecommerce companies (China N-shares) being added to FTSE Emerging Market Indices between Sep 2017 and June 2018. KWEB is our conduit to front-run huge index funds that will be forced to buy its underlying holdings. What to do now: We closed KWEB on June 15th (last leg of rebal). It's still viable as a long-term holding.	Issue 1: 8/17/17 8/24/17	KWEB: 21.46% (closed)	ACWX: 6.93% (through KWEB close date)
Smart Beta Pioneer RSP (Invesco S&P 500 Equal Weight ETF)	From an index standpoint, S&P 500 Equal Weight has massively outperformed S&P 500 (cap weight) over the long term (392% vs. 158% over the last 18 years). RSP has lagged recently due to tech sector outperformance. That presents a short-term dislocation and opportunity to buy RSP at a discount to SPY. What to do now: Buy.	Issue 2: 9/7/17	RSP: 64.89%	SPY: 71.56%
Self-Driving Car Bas- ket SNSR (Global X Inter- net of Things ETF) ROBO (ROBO Global Robotics & Automa- tion Index ETF) AMBA (Ambarella) QCOM (Qualcomm)	Massive changes to the auto industry, including self-driving technology, are closer to the mainstream than most investors think. The foundational changes to the auto industry could be the next "Megatrend" in investing to provide outperformance for years to come. There is no pure play "self-driving" ETF yet, but SNSR and ROBO offer exposure to many tech companies that are best-positioned in the space. AMBA and QCOM are two of the better stocks with unique exposure to the growing self-driving car industry. What to do now: Buy the ETFs. We closed QCOM a month and a half after the Broadcom takeover announcement for a quick, sizable gain.	Issue 3: 9/21/17	SNSR: 51.50% ROBO: 16.16% AMBA: 20.23% QCOM: 23.20% (closed)	SPY: 69.17% SPY: 19.93% (through QCOM close date)
Electric Car Battery Plays LIT (Global X Lithium & Battery Tech ETF) ALB (Albemarle)	The trend towards the widespread adoption of electric cars is accelerating, with U.S. auto companies planning massive roll outs and several countries putting end dates on the internal combustion engine. From an investment angle, the key here is better technology, specifically lithium. LIT is a lithium ETF. ALB is one of the leading lithium plays in the market. What to do now: Long-term investors can buy now. But, as we said in the issue, LIT and ALB ran up big following China's electric car decision. Both have sold off since. The growth opportunity is years, if not decades, ahead.	Issue 3: 9/21/17	LIT: 91.72% ALB: 120.20%	SPY: 69.17%
Dividend Growth DIVY (Reality Shares DIVS ETF) REGL (ProShares S&P MidCap 400 Dividend Aristocrats ETF) SMDV (ProShares Russell 2000 Dividend Growers ETF)	Historically, dividends are responsible for half of the market's total return. They are an essential component of long-term outperformance. While most investors choose high-yielding dividend stocks, our research shows dividend growth stocks can generate better long-term returns. DIVY is the only ETF that isolates pure dividend growth. This ETF is a fixed income alternative that should provide steady single-digit returns with low volatility and true diversification. REGL and SMDV are ETFs that provide exposure to the "Dividend Aristocrats" of tomorrow. What to do now: Buy.	Issue 4: 10/4/17	REGL: 50.71% SMDV: 22.73%	AGG: -2.75% MDY: 43.78% IWM: 30.42%
Merger Arbitrage GABCX (Gabelli ABC Fund) MNA (IQ Merger Arbitrage ETF)	Merger arbitrage is a time-tested hedge fund strategy. It seeks to profit from the timely completion of mergers, takeovers and corporate re-orgs. The strategy has produced solid absolute returns with low correlations to stocks and bonds. GABCX and MNA are the two best-performing—and cheapest—options to invest in this space. What to do now: Buy.	Issue 5: 10/17/17	GABCX: 10.66% MNA: 5.01%	AGG: -2.95%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Re- turn	Benchmark Perfor- mance Since Issue Date
Special Dividends List of 24 stocks	Screened 17,070 stocks to arrive at 24 stocks that have consistently paid large special dividends. Investors can't see the true yields on these stocks because they're missing from financial websites. Our elite list has yields ranging from 50% to 600% higher than the S&P 500's yield. What to do now: Buy (multiple ways to implement in issue).	Issue 6: 10/31/17	Basket of stocks (avg.): 7.37%	50% SPY/50% AGG: 3.77%
Global Value GVAL (Cambria Glob- al Value ETF)	A fundamentally-focused deep value strategy that uses a cyclically-adjusted valuation composite to evaluate 45 global countries for investment. GVAL captures the cheapest countries and the cheapest stocks in those specific countries, too. What to do now: Buy.	Issue 9: 12/12/17	GVAL: -16.20%	ACWX: -4.35%
"Backdoor" Hedge Fund Investing List of 10 stocks	It's almost impossible for investors to access the world's best hedge fund managers. Either their funds are closed, the minimums are too steep (in the millions), or the fees are outrageously high ('2 & 20'). We found 10 little-known ways to access ace managers who have produced Buffett-like returns. What to do now: Buy (multiple ways to implement in issue).	Issue 10: 12/27/17	Basket of stocks (avg.): -5.09%	50% SPY/50% AGG: 1.30%
EM & FM Bonds EMB (iShares JPM USD Emerging Markets Bond ETF) EMLC (VanEck JPM EM Local Currency Bond ETF) EBND (SPDR Bloomberg Barclays Emerging Markets Local Bond ETF) AGEYX (American Beacon Global Evolution Frontier Markets Income Fund)	Most investors have no allocation to fixed income outside the U.S., but we think it's worth serious consideration. Emerging and frontier debt funds have yields 2X, 3X, and 4X the yields of traditional fixed income investments low correlations to major asset classes and healthier fundamentals (lower debt-to-GDP ratios, faster-growing economies, and better demographics) from a country perspective. EMB (emerging market debt hard currency), EMLC/EBND (emerging market debt local currency), and AGEYX (actively-managed frontier market debt) are all attractive options. What to do now: Buy.	Issue 11: 1/9/18	EMB: -15.62% EMLC: -22.81% EBND: -23.27% AGEYX: -0.71%	AGG: -2.49%
"Blockchain" Investing BLOK (Amplify Transformational Data Sharing ETF) BLCN (Reality Shares Nasdaq NexGen Economy ETF)	Blockchain, the technology behind cryptos, has the potential to change many industries. Having the right exposure to companies using or pioneering the use of blockchain, offers substantial long-term growth opportunities. Not only did we break the story on the first two blockchain ETFs (BLOK and BLCN) ahead of every financial media outlet, we also provided a sneak peek at their top holdings and a blockchain primer. What to do now: Buy (multiple ways to implement in issue).	Issue 12: 1/16/18	BLOK: 13.28% BLCN: -2.83%	SPY: 51.13%
"Active" Bond ETFs BOND (PIMCO Active Bond ETF) TOTL (SPDR Dou- bleLine Total Return Tactical ETF) FTSL (First Trust Sen- ior Loan Fund)	Studies show actively-managed fixed income funds have been much more successful at beating benchmarks than actively-managed equity funds. In addition, the "Agg" has changed for the worse over time: higher duration, lower yield, and less diversification. These three active bond ETFs—with better statistics and all-star portfolio management teams—stand a good chance at beating the Agg going forward. What to do now: Buy.	Issue 14: 2/20/18	BOND: -2.03% TOTL: -3.72% FTSL: 11.60%	AGG: -0.81%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	<u>Total Re-</u> <u>turn</u>	Benchmark Perfor- mance Since Issue <u>Date</u>
<u>Cash Alpha</u> FPNIX (FPA New Income)	FPNIX has generated positive returns for 33 straight years. No other non-government bond fund can boast of an equivalent track record. We also featured "MaxMyInterest," which produces 140 to 150 basis points of alpha versus traditional cash vehicles (MMAs, MMFs, and CDs). Max also increases FDIC insurance and can give advisors visibility to held-away cash. What to do now: Buy (Max is also an excellent cash management solution).	Issue 15: 3/6/18	FPNIX: 4.96%	BIL: 4.63%
Index Rebal KBA (KraneShares Bosera MSCI China A Share ETF)	KBA is an index rebalance play based on the inclusion of Mainland Chinese equities (A-shares) into MSCI Global Standard Indexes. The first two steps will take place on June 1st and September 1st. KBA is our gateway to front-run massive index funds that will be forced to buy its underlying holdings. What to do now: Buy.	Issue 16: 3/20/18	KBA: -13.62%	ACWX: -6.62%
Anti-Trade War QABA (First Trust Nasdaq ABA Commu- nity Bank Index Fund)	QABA is a play to protect against trade war ramifications (97% of its sales are U.Ssourced). Additionally, it should also be a beneficiary of U.S. tax reform, in that, smaller U.S. companies should capture most of the 35% to 21% corporate tax cut. We also featured three more ETFs (AMCA, AIRR, KRE) and two exclusive stock screens—run through Cap IQ—for advisors to share with clients who have trade war concerns. What to do now: Buy.	Issue 18: 4/17/18	QABA: 16.13%	SPY: 54.38%
Foreign Small Caps VSS (Vanguard FTSE All-World ex-US Small -Cap ETF) DLS (WisdomTree International Small- Cap Dividend Fund)	Most advisors don't allocate to international small caps. But, we think they should reconsider. This hidden asset class holds several advantages over its U.S. equivalents: cheaper valuations, less volatility, lower correlations, higher dividend yields, and past outperformance. We highlight multiple individual ETFs, ETF combinations, and actively-managed mutual funds that do the trick. What to do now: Buy.	Issue 19: 5/1/18	VSS: -9.81% DLS: -18.04%	EFA: -3.14%
<u>Disruptive Innovation</u> ARKK (ARK Innovation ETF)	Investing in the "cornerstone themes of disruptive innovation" has resulted in huge profits over time (think Amazon, Apple, and Netflix). ARK sees current investment opportunities in innovation platforms, such as automation, energy storage, DNA sequencing, next generation internet, blockchain technology, etc. ARK's top innovation-based themes are all represented in ARKK. In 2017, ARKK was the #1 performing ETF (excluding leveraged and inverse ETFs) with a return of 87%! What to do now: Buy.	Issue 20: 5/15/18	ARKK: -4.30%	SPY: 53.97%
Buybacks PKW (Invesco Buy- Back Achievers ETF)	Companies with meaningful share count reduction have outperformed over the long term with lower volatility. Currently, U.S. companies are flush with cash due to tax cuts and repatriation. In turn, share repurchases broke a new record in Q1 2018 and they're on pace to set a new record for 2018. PKW is the premier ETF to profit from buybacks (largest asset base and longest history). We also featured four alternative ETFs (SPYB, TTFS, DIVB, SYLD) and some individual stock lists. What to do now: Buy.	Issue 21: 5/29/18	PKW: 60.32%	SPY: 54.97%
"FANG and Friends" of Emerging Markets EMQQ (Emerging Markets Internet & Ecommerce ETF)	"By 2025, annual consumption in emerging markets will reach \$30 trillion—the biggest growth opportunity in the history of capitalism."—McKinsey & Company. The combination of four major forces in emerging markets make this a great investment setup: favorable demographics, increasing smartphone availability, surging wireless broadband and Wifi access, and the globalization of the capital formation process. EMQQ is the best ETF to invest in this great confluence. We also featured three alternative ETFs (ECON, KWEB, KEMQ).	Issue 23: 6/26/18	EMQQ: -36.68%	EEM: -13.58%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Micro Caps IWC (I-Shares Micro-Cap ETF)	Small caps outperformed until this most recent pullback, but while allocations to that sector of the market are rising, micro-caps, a sub-set of small caps, remain generally overlooked. Micro caps remain an overlooked, under-researched, and under-allocated part of the small cap universe that can offer diversification and outperformance (micro caps are perennial takeover candidates).	7/10/18	IWC: 9.28%	IWM: 15.01%
The Future of Consumer Spending IBUY (Amplify Online Retail ETF) FINX (Global X FinTech ETF) IPAY (ETFMG Prime Mobile Payments ETF)	The way U.S. consumers purchase goods is changing— rapidly. And, getting "pure play" exposure to the rise to on- line retailers and to the growth of mobile payments could be similar to investing in credit cards back in the mid-80's. There are few other established corners of the market that offer this type of growth potential.	7/24/18	IBUY: -22.14% FINX: -17.46% IPAY: 1.02%	SPY: 47.75%
Floating Rate Funds FLOT (I-Shares Floating Rate Bond ETF USFR (Wisdom Tree Floating Rate Treas- ury Fund) SRLN (SPDR Black- stone / GSO Senior Loan ETF EFR (Eaton Vance Floating Rate Trust)	Despite stubbornly high bonds/low yields, bonds are still now in a longer term bear market, and there exist few non-inverse bond alternatives that can produce absolute gains in a falling bond environment. Floating rate ETFs rise as bond yields fall and offer absolute return potential in bond portfolios, and are an important tool in constructing client bond portfolios in a rising rate environment.	8/6/18	FLOT: 5.41% USFR: 4.67% SRLN: 8.30% EFR: 6.14%	AGG: -1.62%
Content Is King PBS (Invesco Dynamic Media ETF) IEME (Ishares Evolved U.S. Media & Entertainment ETF) XLC (Communications services SPDR) DIS (Disney)	How generational changes in the cable TV industry are presenting massive long-term growth potential (think NFLX's 4000% return since 2012). Industry Primer: How the cable industry is changing from a service-based business, to a content-based business.	8/20/18	PBS: 10.40% IEME: 13.05% (Closed) XLC: 2.80% DIS: -3.50%	SPY: 45.44%
Momentum & Value PSCH (PowerShares S&P SmallCap Health Care Portfo- lio) SBIO (ALPS Medical Breakthroughs ETF) FXG (First Trust Con- sumer Staples Al- phaDex ETF)	In our first of a recurring series, each quarter we'll profile some of the best ETFs from a momentum and value standpoint. Most investors and prospects can be grouped into those two investing styles, and we want to provide consistent, value-add idea generation for each type of investor, so you're always armed with compelling ideas and stories for clients and prospects, regardless of their investment style.	9/4/18	PSCH: -4.71% SBIO: -17.45% FXG: 42.92%	SPY: 43.62%

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<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Commodities PDBC (Invesco Optimum Yield Diversified Commodity Strategy No K-1) GNR (SPDR S&P Global Natural Resources ETF) RLY (SPDR SSGA Multi-Asset Real Return ETF)	Commodities have typically outperformed during late expansion and early recession phases of the economic cycle. Many economic indicators imply we are entering (or are already in) the late expansion phase of the economic cycle. As such, commodities have outperformed so far this year, and we expect that to continue.	9/18/18	PDBC: 47.30% GNR: 27.51% RLY: 30.66%	DBC: 48.68%
Short Duration Bond ETFs MEAR (IShares Short Maturity Municipal Bond ETF) LDUR (PIMCO Enhanced Low Duration Active ETF) MINT (PIMCO Enhanced Short Maturity Active ETF)	The downtrend in bonds accelerated in September and October of 2018, and it was a reminder that advisors face challenges in the fixed income markets over the coming years. One of the best ways to protect investors in a bond bear market is by shortening duration of bond holdings, so we presented three short duration bond ETFs that have yields that are close to the 10 year Treasury, but that have much shorter average maturities.	10/16/18	MEAR: 3.27% LDUR: 2.72% MINT: 2.97%	BIL: 3.55%
Bear Market Strate- gies USMV (I-Shares Edge MSCI Minimum Vol- atility USA ETF) PTLC (Pacer Trendpi- lot US Large Cap ETF)	The October 2018 equity market decline sparked fears of an end to the multi-year bull market. So, we wanted to provide some suggestions on practical "bear market" strategies for advisors that wouldn't involve market timing or deviating from keeping clients in the markets over the longer term.	10/30/18	USMV: 40.27% PTLC: 35.51%	SH: -45.09%
Special Dividends List of 19 stocks	Screened 17,070 stocks to arrive at 19 stocks that have consistently paid large special dividends. Investors can't see the true yields on these stocks because they're missing from financial websites. Our elite list has yields ranging from 50% to 600% higher than the S&P 500's yield. What to do now: Buy (multiple ways to implement in issue).	11/6/18		
Momentum & Value 4th Quarter Edition WTMF (Wisdom Tree Managed Futures ETF) MLPA (Global X MLP ETF) DCP (DCP Midstream LP) SHLX (Shell Mid- stream Partners LP)	In our Q4 installment of our Momentum and Value series we focused on strategies for the volatile and difficult market. Our momentum strategies were focused on noncorrelated ETFs to provide diversification. Our value strategy focused on the MLP space, which had compelling yields in an environment where the oil price should stabilize.	12/4/18	WTMF: 5.75% MLPA: 22.73% DCP: 64.90% SHLX: 23.92% (Closed)	SPY: 53.32% AMLP: 23.76%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Growth into Value Rotation RPV (Invesco S&P 500 Pure Value ETF) DVP (Deep Value ETF)	Recognizing the switch in outperformance from value to growth in 2014 was one of the easiest ways to help clients outperform. Now, there are signs markets might be switching back, to an era where value outperforms growth. The ETFs included in this report serve as a "one stop shop" to add quality value exposure to client portfolios.	12/18/18	RPV: 49.63%	VTV: 54.18%
Contrarian Ideas to Start 2019 IEMG/EEMV (Emerging Market ETFs) ITB/VNQ (Homebuilders/Real Estate ETFs) DFE (WisdomTree Europe SmallCap Dividend Fund)	The start of a new year means new money needs to be put to work, so we wanted to provide some unique and interesting contrarian ideas that can outperform in 2019.	1/2/19	IEMG/EEMV: -1.67%/-2.57% ITB/VNQ: 88.65%/29.12% DFE: 6.43%	SPY: 64.34%
Identifying High Quality Stocks COWZ (Pacer U.S. Cash Cows 100 ETF)	Free Cash Flow Yield (FCFY) and Return On Equity (ROE) are two factors that produce long term outperformance. We complied a list of nearly two dozen large cap stocks that have a FCFY over 8%, along with another list of the top 10% companies with highest Return on Equity. We think the stocks on these lists present opportunities to buy quality names on market dips. We also identified an ETF that screens based on FCFY, and it provides outperformance with lower drawdowns.	1/15/19	COWZ: 83.26%	SPY: 58.19%
Preferred Stock ETFs PGF (Invesco Financial Preferred ETF) VRP (Invesco Variable Rate Preferred ETF) PFXF (VanEck Vectors Preferred Securities ex Financials ETF)	Preferred stocks have massively outperformed the S&P 500 during the October—December correction and barely lagged bonds. With yields of 5% and higher we think preferred stock ETFs present a unique long term opportunity to generate income and reduce volatility in portfolios, while keeping upside exposure.	1/29/19	PGF: -2.72% VRP: 9.85% PFXF: 10.66%	PFF: 3.37%
Utilities For Income VPU (Vanguard Utilities ETF) NRG (NRG Energy) CNP (CenterPoint Energy)	We continued our focus on safety and income as we show why "boring" utilities can offer substantial outperformance in a volatile market. Utilities outperformed during the Oct-Dec correction, and owning utilities hasn't meant giving up long term performance as XLU has the same five year total return as the S&P 500. If you think the markets will stay volatile, utilities are a good place for capital to weather the storm and keep upside exposure.	2/12/19	VPU: 31.87% NRG: 15.89% CNP: 4.35%	XLU: 34.91%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	<u>Total Return</u>	Benchmark Perfor- mance Since Issue Date
Cybersecurity: Threats & Opportunities HACK (ETFMG Primce Cyber Security ETF) CIBR (First Trust NASDAQ Cybersecurity ETF) FTNT (Fortinet) CYBR (CyberArk)	Cyber security and privacy on-line are two clearly defined growth areas of tech, as tech adoption progresses towards consumer demanding security and convenience.	2/26/2019	HACK: 21.31% CIBR: 53.15% FTNT: 227.70% CYBR: 46.65%	QQQ: 64.50%
Cannabis Industry Investment. MJ (ETFMG Alterna- tive Harvest ETF) ACB (Aurora Canna- bis) CGC (Canopy Growth Corporation) APHA (Aphria)	Through March of 2019, the cannabis sector was the best performing sector in the market, as that performance reflected the growing adoption of medical cannabis, as well as the unrivaled growth potential. Investors and clients are asking about this industry, so we wanted to present a "Cannabis Primer" along with three different investment strategies to get responsible exposure to this market segment.	3/12/19	MJ: -82.80% ACB: -98.56% CGC: -92.00%	SPY: 46.97%
Socially Responsible Investing ESGV (Vanguard ESG US Stock ETF)	Studies and AUM trends have shown that while clients still care about the bottom line (returns) there is growing popularity among investors to not only generate a solid return, but also for their investments to reflect their core beliefs and values. So, we've updated our research to focus on a few core ESG areas that have seen AUM explode over the past two years. These stylistic ETFs can not only outperform, but also help strengthen the client/advisor bond, via directing some investments to issues important to your client.	3/26/19	ESGV: 44.33%	SPY: 45.78%
Hedged Equity ETFs DMRL (DeltaShares S&P 500 Managed Risk ETF) CCOR (Cambria Core Equity ETF) JHEQX (JP Morgan Hedged Equity Fund Class)	Stocks have started 2019 with a bang, rising sharply in Q1. But, major macro risks remain present and there is undeniable proof the economy is late cycle. Hedged equity ETFs can help advisors and investors maintain long exposure while also providing protection from another 2018 style correction.	4/9/19	DMRL: 37.20% (Closed) CCOR: 22.45% JHEQX: 24.27%	SPY: 42.85%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	<u>Total Return</u>	Benchmark Perfor- mance Since Issue Date
ARK Invest Family of ETFs ARKW (ARK Next Generation Internet ETF) ARKG (ARK Genomic Revolution ETF) XITK (SPDR Fact Set Innovative Tech ETF)	We are re-introducing the ARK Family of ETFs. Alpha recommendation ARKK is up 26% YTD and it's outperformed the S&P 500 since our recommendation. ARK ETFs offer "one-stop shopping" exposure to the disruptive technologies of tomorrow—technologies that can not only produce outsized long-term returns, but that also are compelling stories for clients and prospects.	4/23/19	ARKW: -7.19% ARKG: 6.59% XITK: -5.07%	QQQ: 49.42%
The Alpha Opportunity in Healthcare IHI (iShares Medical Device ETF) XBI/SBIO/ARKG (The Quality Bio-tech ETFs) IHF (iShares U.S. Healthcare Providers ETF)	The healthcare sector has badly lagged the S&P 500 thanks to political concerns (Medicare for all). But, future political risks aside, fundamentals for the healthcare industry are compelling. We covered this broadly in the Sevens Report two weeks ago, but in today's Alpha issue we wanted to do a "deep dive" into the space and provide a broader healthcare sector primer, as opportunities to invest in healthcare at the relative value to the market don't come along very often.	5/7/19	IHI: 36.17% XBI: -1.92% IHF: 71.25%	XLV: 59.00%
Minimum Volatility ETFs USMV (iShares Total Return MSCI USA Minimum Volatility ETF) SPLV (S&P 500 Low Volatility Index ETF) EEMV (iShares MSCI Minimum Volatility Emerging Markets ETF) EFAV (iShares Edge MSCI Minimum Volatility EAFE ETF)	Minimum volatility ETFs have proven effective alternatives for core market holdings over both the short and long term, and will help ensure investors don't give back YTD gains in the event of a correction while still maintaining upside exposure.	5/21/19	USMV: 26.53% SPLV: 23.31% EEMV: -3.90% EFAV: -9.82%	SPY: 43.26%
Ageing of America Primer WELL (Welltower Inc) OHI (Omega Healthcare Investors) SCI (Service Corp International)	There is a coming massive demographic shift in the U.S. as within the next 20 years one in every five Americans will reach retirement age, and that aging of Americans will have profound impacts on different market sectors.	6/4/19	WELL: -13.94% OHI: 15.70% SCI: 45.01%	SPY: 45.87%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Rate Cut Playbook We wanted to provide both an asset class and stock market sector "playbook" so advisors will know what outperformed, and what underperformed during the last two rate cut cycles. The important part of our research is that we let the numbers, not our assumptions, do the talking and the results were surprising!	 Inside the issue you'll find: Return tables that show the performance of the major S&P 500 sectors over the last two rate cut cycles. (Returns 12 months following the first cut, and Returns from the first cut to the last cut). Return tables for the major bond market segments over the last two rate cut cycles. We identify the sectors and bond segments that lagged in both cutting cycles (again, the results were surprising) and the sectors that outright outperformed and that relatively outperformed. Finally, we also identified the sectors and segments that were the biggest "losers" during the last two rate cut cycles. 	6/18/19		
How to Responsibly Allocate to Gold GLD (SPDR Gold Trust) SGOL (Aberdeen Standard Physical Gold ETF) GDX (VanEck Vectors Gold Miners ETF) KL (Kirkland Lake) FNV (Franco Nevada Corp)	Gold was one of the top performers in our "Rate Cut Playbook" and it recently just hit a six year high. So, in this issue, we wanted to focus on how advisors can responsibly allocate to gold, because again If this trend continues, gold will continue to outperform the S&P 500, and undoubtedly you will field questions from clients about owning gold. Beyond servicing clients, from an alpha standpoint, gold trends incredibly well, and if we are at the start of a multi-year uptrend, the returns can be substantial (gold returned more than 800% from 2001-2011 and outperformed stocks during the last two rate cutting cycles).	7/2/19	GLD: 14.27% SGOL: 15.18% GDX: -5.24% KL: -14.33% FNV: 45.07%	
Momentum Factor Investing MTUM (IShares Edge MSCI USA Momen- tum Factor ETF) SPMO (Invesco S&P 500 Momentum ETF) FDMO (Fidelity Mo- mentum Factor ETF)	Factor investing has proven to be an effective strategy for medium and long term investors. One of the strategic factors that consistently rises to the upper half of the performance matrix is "momentum" as a driver of outsized returns. Momentum factor ETFs have provided positive excess returns in seven of the last 11 years.	7/16/19	MTUM 20.94% SPMO: 37.22% FDMO: 23.22%	SPY: 29.19%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Profit from the Sharing Economy MILN (The Global X Funds/Millennials Thematic ETF) GIGE (The SoFi Gig Economy ETF)	Inspiration for the issue came from this comment, which I believe is a profound statement on the next evolution of the economy. "Uber, the world's largest taxi company, owns no vehicles. Facebook, the world's most popular media owner, creates no content. Alibaba, the most valuable retailer, has no inventory. And Airbnb, the world's largest accommodation provider, owns no real estate. Something interesting is happening." Tim Goodwin The Batter Is For The Consumer Interface. Each of those companies are part of the new "sharing economy." In addition to profiling two ETFs, we also created our own "Watch List" of sharing economy companies that describes 1) What they do and 2) How they make money, so you have a clear view of the entire "Sharing Economy" universe.	7/30/19	MILN: 3.16% GIGE: -11.99% (closed)	SPY: 28.67%
The Case for REITS VNQ (Vanguard Real Estate ETF) VNQI (Vanguard Global ex-U.S. Real Estate ETF) REZ (iShares Residential Real Estate ETF) REM (Ishares Mortgage Real Estate ETF)	Over the past month, only one sector SPDR had a positive return, and it was Real Estate (XLRE) as it rose 1.75%. And, that underscores what has been a great year for the sector, as XLRE has gained more than 22% YTD and only trails tech (XLK) on a YTD performance basis. This strong performance shouldn't come as a surprise. The current environment is very positive for REITs, given we're likely looking at 1) More Fed rate cuts and 2) A potentially slowing economy. More directly, with greater than 3% yields, positive correlation to rising inflation, and a very solid historical track record through growth slowdowns (with one glaring exception), REITs remain an attractive destination for capital in the current environment.	8/16/19	VNQ: -9.03% VNQI: -34.63% REZ: -8.31% REM: -43.13%	SPY: 33.86%
Seizing Opportunity in the Defense Industry ITA (IShares U.S. Aerospace & Defense ETF) PPA (Invesco Aerospace & Defense ETF) UFO (The Procure Space ETF)	The defense sector has been one of the best performing market sectors for over a decade. Consider Over the past 10 years the defense stock sector has posted an 18.57% annualized return and a 446% cumulative return That compares to a 12.96% annualized return for the S&P 500 and a cumulative return of 238%. That's significant outperformance that should impress any client. But, right now, we think there's even more opportunity in this sector due to the presence of a potentially major growth catalyst—the space industry.	8/27/19	ITA: -0.49% PPA: 15.11% UFO: -16.37%	SPY: 34.83%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue <u>Date</u>
Japanization Playbook PTCIX (PIMCO Long Term Credit Bond Fund) VYM (Vanguard High Dividend Yield ETF) PDI (PIMCO Dynamic Income Fund)	Given the slowing of the global economy, we are now at a fork in the road, where global economic stimulus will either work, like it did in 2016 and spur a big rally, or it will not, like what happened in Japan in the 1990s. We spent an entire <i>Alpha</i> issue detailing a what will outperform and underperform in that scenario, so that if it happens, we know what to do.	9/10/19	PTCIX: -20.23% VYM: 33.10% PDI: -14.53%	SPY: 36.98%
Reflation Playbook Reflation Strategy 1: A better tech ETF. Reflation Strategy 2: Momentum Factor. Reflation Strategy 3: The Consumer. Reflation Strategy 4: Emerging Markets. Reflation Strategy 5: Floating Rate Funds.	This issue is the final piece of our four-part series on the longer-term outcome for this market: Japanization or Reflation? Reflation issue goes deeper into the sectors and assets that will outperform if we get another successfully engineered economic reflation – driven in part by a weaker dollar – like we did in 2016-2018.	9/24/19	Various ETFs listed in the Issue	
Investing in Green Energy TAN (Invesco Solar ETF) FAN (First Trust Global Wind Energy ETF) ICLN (IShares Global Clean Energy ETF) PBW (Invesco Wilderhill Clean Energy ETF)	Advisors today need to know funds and ETFs that can help clients invest for a greener future, as doing so will align client investments with their interests and build more trust between the advisor and client. In this Alpha issue, we cover some of the best ETFs for direct alternative energy exposure, and the results may surprise you as some of the best alternative energy ETFs share a lot of characteristics with tech ETFs and multinational industrial ETFs.	10/8/19	TAN: 144.50% FAN: 26.60% ICLN: 78.19% PBW: 69.67%	SPY: 40.85%
Investing in the Water Industry PHO (Invesco Water Resources ETF) FIW (First Trust Water ETF) TBLU (Tortoise Global Water ESG Fund)	We are continuing the theme from the last issue of 1) Making money (generating alpha) and 2) Doing good (appealing to clients focused on the environment), and we're doing it by taking a deep dive into the water industry. The water industry remains a quasi-niche, but it shouldn't, as water industry investment can: Generate alpha as major water industry ETFs have outperformed the S&P 500 over the past several years and It can strengthen client relationships as water investment is closely tied to ESG investing, and water demand is a concept that clients can easily relate to.	10/22/19	PHO: 38.57% FIW: 41.86%	SPY: 35.81%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	<u>Total Return</u>	Benchmark Perfor- mance Since Issue Date
Outperforming in A Declining Dollar Environment VGT (Vanguard Information Technology ETF) IHI (IShares U.S. Medical Devices ETF) EMLC (VanEck Vectors J.P. Morgan EM Local Currency Bond ETF) PDBC (Invesco Optimum Yield Diversified Commodity Strategy No K-1 ETF)	If there's going to be a global reflation, then it will likely come with a weaker U.S. Dollar. From early 2017 through early 2018 the dollar declined from over 100 to below 90 (so more than 10%) and that had a significant impact on stocks: The 2017 decline in the dollar resulted in a 31% gain for the S&P 500 from December 2016 through January 2018. But, the dollar decline also created opportunities for specific sectors and assets classes to handily outperform the S&P 500, and we want to identify those opportunities in three strategies: Targeted sector exposure via a focus on U.S. Exporters International ETF Exposure Commodities Allocations.	11/5/19	Various ETFs Listed in the Issue	
Closed End Funds ETG (EV Tax Adv. Global Dividend Inc) HTD (JH Tax. Advantaged Dividend Inc) PDI (PIMCO Dynamic Income) NZF (Nuveen Municipal Credit Income) FFC (Flaherty & Crumrine Preferred & Income Sec.) RQI (Cohen & Steers Quality Income)	Closed End Funds (CEFs) are under-utilized compared to ETFs (we explain why in the issue) but CEFs have advantages over ETFs both on a yield and tactical basis – and we think that CEFs can be an effective tool, when integrated into a broader portfolio strategy, that can boost yield and create opportunities to generate alpha.	12/3/19	ETG: 17.72% HTD: 3.37% PDI: -19.36% NZF: -23.30% FFC: -14.20% RQI: 3.44%	SPY: 31.05%
Cash Management FPNIX (FPA New Income Fund) MINT (PIMCO Enhanced Maturity Active ETF) BBBIX (BBH Limited Duration I)	In this issue, we identify three funds that provide market-beating returns on cash with very low duration and good liquidity, and we rank them depending on preference: More aggressive (and higher yield), Conservative, and "In Between."	12/17/19	BBBIX: 2.05%	BIL: 1.10%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Per- formance Since Issue Date
Contrarian Ideas 2020 MJ (ETFMG Alternative Harvest ETF) XOP (SPDR S&P Oil & Gas Exploration and Production ETF) LQDH (iShares Interest Rate Hedged Corporate Bond ETF)	Contrarian Idea: Cannabis Sector. Cannabis stocks got crushed in 2019, but underlying demand for medical cannabis, along with public acceptance of the idea, continued to grow. Contrarian Idea: Energy. The energy sector lagged in 2019, but if there is a rebound in growth, combined with a protracted dollar decline, energy could handily outperform in 2020. Contrarian Idea: Rising Rates. Bonds surged in 2019 and the broad consensus is for perma-low rates. But the Fed is now targeting higher inflation, and if growth rebounds, rates could easily move higher.	12/31/19	MJ: -64.76% XOP: 68.63% LQDH: -1.12%	SPY: 25.28%
International Expo- sure IQLT - iShares Edge MSCI International Quality Factor ETF. VIGI - Vanguard In- ternational Dividend Appreciation ETF GSIE - Goldman Sachs ActiveBeta International Equity ETF	We all know that proper diversification is essential to both risk management and long-term outperformance, and while the outlook for the U.S. markets remains strong, proper diversification must be maintained for investors with long -term time horizons. So, we've done a deep dive into the very overpopulated world of international ETFs and selected the few ETFs that we believe offer a superior combination of 1) Exposure to quality international companies, 2) Focus on developed economies (so this isn't about emerging markets) and 3) Are trading at an attractive valuation.	1/14/2020	IQLT: -4.54% VIGI: -2.94% GSIE: -7.27%	ACWX: -11.05%
Opportunities in Small Caps IJR: iShares Core S&P Small-Cap ETF VBK: Vanguard Small-Cap Growth ETF XSLV: Invesco S&P SmallCap Low Volatility ETF	The stock market has become extremely "top-heavy" with a few mega-cap tech stocks like AAPL, AMZN, MSFT, GOOGL largely driving market performance and being the difference maker in annual performance. While that's been a good thing for the last several years for many investors, the reality is that now they are also not as diversified as they should be on a market-cap basis. Proper diversification across multiple criteria (including market cap) is essential to long term outperformance and portfolio optimization, so it's always something we need to be focused on. But, to get a bit more tactical, after years of underperformance, there's a credible macro set up where small-caps can outperform in 2020.	1/28/2020	IJR: 22.93% VBK: 4.61% XSLV: -3.16%	IWM: 15.08%
Finding Actionable Opportunities in the Biotech Sector IBB (iShares Biotech- nology ETF) SBIO (ALPS Medical Breakthroughs ETF) XBI (SPDR S&P Bio- tech ETF)	What outperforms during a global health emergency like the Wuhan virus? Historically, the biotech sector does, which rose 40% compared to 25% for the SPY following SARS in the early 2000s. But, investing in biotech is tough for an advisor. So, our goal for this Alpha issue was clear: Find the best biotech ETFs that today's advisors can actually allocate to.	2/11/2020	IBB: 5.00% SBIO: -27.82% XBI: -14.69%	SPY: 15.16%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	<u>Total Return</u>	Benchmark Perfor- mance Since Issue <u>Date</u>
Hedged Equity ETFs DMRL: Del- taShares S&P 500 Managed Risk ETF. CCOR: Cambria Core Equity ETF. JHEQX: JPMorgan Hedged Equity Fund Class I.	We want to highlight hedged ETF strategies that can help advisors protect gains if we are at the start of a 2018 style correction, or worse, our first bear market in over a decade, while at the same time maintaining long exposure if/when the correction ends. Hedged ETFs outperformed the S&P 500 in 2018, and if this current correction turns into a lengthy pullback, hedged ETFs will help preserve client gains.	3/10/2020	DMRL: 28.99% (Closed) CCOR: 12.00% JHEQX: 17.85%	SPY: 34.33%
Sector Opportunities from the Coronavirus Decline Tech Sector (Three ETFs) Financials (Three ETFs) Energy (Three ETFs)	This will be the first part of a two-part series that addresses potential longer-term opportunities from this crisis. For today's issue, we selected three sectors: Tech, Financials and Energy, and we provided three ETF options in each sector depending on whether you are looking for broad-based exposure (and diversification) or want a more targeted strategy (higher risk/higher return).	3/24/2020	Multiple ETFs selected for each sector depending on risk toler- ance.	
Longer Term Industry Opportunities from the Coronavirus Health & Wellness (Three ETFs) Mobility As A Service (IBUY: Amplify Online Retail ETF) Cord Cutting (JHCS: John Hancock Multifactor Media and Communications ETF). Stay At Home (XITK: SPDR FactSet Innovative Technology ETF)	In this issue, we build on the theme of a return to optimism by identifying specific stocks, ETFs, and industries likely to experience long-term tailwinds from this historic coronavirus pandemic black swan. This trend will shift the spending and habits of millions of Americans over the course of the next decade.	4/7/2020	PTH: 49.84% IBUY: -6.52% JHCS: 6.31% XITK: 4.14%	SPY: 46.15%
Three Industries That Will Benefit from Changes in Corporate Behavior Cloud Computing (SKYY: First Trust Cloud Computing ETF) E-Commerce (SHOP: Shopify & GDDY (GoDaddy) Online Payment Processing (IPAY: ETFMG Prime Mobile Payments ETF)	Each part of our "What To Buy" series have become more granular, and that trend is continuing today with the final installment of the series. Part One focused on broad sectors. Part Two identified larger industries that should benefit over the longer term from changes in consumer behavior from the coronavirus experience. Now, Part Three will go even deeper and rely on our own anecdotal experiences to identify subindices that should benefit over the longer term from changes in business behavior in a post-	4/21/2020	SKYY: 9.60% SHOP: -40.48% GDDY: 25.34% IPAY: 5.94%	SPY: 41.71%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Three Strategies for a "U" Shaped Recovery Preferreds: PGF (Invesco Financial Preferred ETF)	Markets are pricing in a pretty high chance of a "V-shaped" economic recovery, but we think it's prudent to have a playbook for a less optimistic, "U-shaped" economic recovery that has the U.S. economy mired in slow growth for some time.		PGF: -19.39% DG: 46.93%	
Dollar Stores/Fast Food: DG: (Dollar General), DLTR: (Dollar Tree), MCD: McDonalds Consumer Staples: RHS (Invesco S&P	So, in this issue, we wanted to identify proven sectors and stocks that are likely to thrive if the economic recovery is more restrained, i.e. U-shaped. The following research achieves that goal by identifying areas that have proven	5/5/2020	DLTR: 107.00% MCD: 51.95% RHS:	SPY: 35.24%
500 Equal Weight Consumer Staples ETF).	resilient under previous recessions and periods of slow growth, and are likely to continue to thrive in that environment.		28.68%	
Finding the Sweet Spot of Yield, Dura- tion and Quality in Today's Bond Mar- ket JPST (J.P. Morgan Ultra-Short Income ETF) FTSD (Franklin Liber- ty Short Duration U.S. Government ETF) IGSB (iShares Short- Term Corporate Bond ETF)	Global bond yields have collapsed since the coronavirus crisis began in earnest in mid-February, and that leaves advisors with a difficult situation of where to find adequate yield without taking on too much duration risk. Case in point, the 10-year yield is yielding about 0.70%. A .70% annual coupon for locking up money for 10 years! Absolute yield levels are obviously historically low, but we've still got to do the best we can in this environment,	5/19/2020	JPST: -0.62% FTSD: -6.49% IGSB: -8.96%	SHY: -6.51%
Bona ETF)	and that means finding the best yield possible while limiting duration risk and credit quality risk.			
Finding Sustainable Dividends In An Uncertain Environment NOBL (ProShares S&P 500 Dividend Aristocrats ETF),	This issue is all about finding sustainable dividends that income investors can count on in all market conditions, because the simple reality is that most bond yields just aren't high enough to generate the required income for clients.	6/2/2020	NOBL: 29.91% DGRO:	SPY:
DGRO (iShares Core Dividend Growth ETF). TDIV (First Trust NASDAQ Technology Dividend ETF).	That means identifying companies that have sound balance sheets, track records of methodical dividend growth, and business models that are likely to survive even the worst pandemic scenarios.	6/2/2020 28.61% TDIV: 15.25%		25.62%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Three Strategies to Gain Exposure to 5G Strategy 1: The Chipmakers. QCOM (Qualcomm), MRVL (Marvel Technologies). Strategy 2: Radio Frequency Providers. QRVO (Qorvo). Strategy 3: The 5G ETF. FIVG (Defiance Next Gen Connectivity ETF).	The focus of today's issue came from a subscriber request: 5G . 5G is one of the biggest secular growth trends in the market, and by that, I mean trends that will continue in a positive direction regardless of what happens in the economy in the near term. Additionally, 5G is one of the most popular investing topics among regular investors, so we thought now would be a good time to do a "deep dive" in 5G and detail:	6/30/2020	QCOM: 34.28% MRVL: 14.94% QRVO: -22.00% FIVG: 13.86%	SPY: 29.47%
Finding Value in European Equities VGK (Vanguard Europe ETF). FEZ (SPDR Euro STOXX 50 ETF)	Coronavirus has finally <u>caused the Europeans to aggressively stimulate the economies</u> , and as long as that continues, that should provide a needed spark to help European equities outperform. Because of that positive change, we think European ETFs offer more attractive risk/reward than U.S. sectors that are considered "values," specifically financials, energy, and industrials. That's especially true given U.S. value styles have underperformed growth by as much as 66% over the past five years! We think a better choice is to look to Europe to fulfill the value component of a portfolio.	7/14/2020	VGK: 2.70% FEZ: -1.30%	VTV: 43.18%
Actionable Strate- gies to Own COVID 19 Vaccine Produc- ers PPH: The VanEck Pharmaceutical ETF. GERM: The ETFMG Treatments Testing and Advancements ETF.	In today's Alpha issue, we are going to go in-depth on actionable investment strategies to gain exposure to the companies that are leading the COVID-19 vaccine race. Specifically, in today's issue we take the broad research we covered in Thursday's webinar, enhance it, and get much more tactical (looking at investment strategies to get exposure to vaccine players). Specifically, we cover two actionable strategies that we think are appropriate for advisors and their clients: Strategy 1: Owning the Pharma Companies Leading the Vaccine Race. Strategy 2: Diversified Exposure via ETFs.	7/28/2020	PPH: 19.72% GERM: -28.11%	SPY: 24.52%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
What Outperforms in a Declining Dollar Environment Falling Dollar Strategy 1: International Stocks. XSOE (WisdomTree Emerging Markets ex-State-Owned Enterprises Fund). Falling Dollar Strategy 2: Currencies. FXE. (CurrencyShares Euro Trust). Falling Dollar Strategy 3: Gold Miners. GDX (VanEck Vectors Gold Miners ETF).	A sustained period of dollar weakness doesn't come along often (it last occurred in 2017) but when it does, it can create substantial outperformance in certain sectors and indices. We want to make sure you have a comprehensive "falling dollar" playbook for both general and tactical asset allocations, because the fundamentals for a sustained period of dollar weakness are as strong as they've been in years (surging U.S. debt/deficits and rebounding growth overseas).	8/11/2020	XSOE: -23.98% FXE: -17.56% GDX: -36.66%	SPY: 20.23%
Ideas for When There's a COVID Vaccine Annoucement JETS (U.S. Global JETS ETF) PEJ (Invesco Dynamic Leisure and Entertainment ETF) KBE (SPDR S&P Bank ETF) REZ (iShares Residential REITS ETF)	I believe today's issue demonstrates why Alpha is the perfect complement to the daily Sevens Report, because early last week in the regular Sevens Report, we discussed broad sectors that would benefit and outperform if there is a positive announcement on a COVID-19 vaccine. But, in today's Alpha issue, we follow up on that research and go much more in-depth to identify specific ETFs and stocks that: Are outsized beneficiaries of a "return to normal" that likely will follow a successful vaccine That are trading at historic discounts due to COVID 19 fallout and Were good businesses before COVID 19, and likely will	8/25/2020	JETS: 2.04% PEJ: 18.68% KBE: 59.03% REZ: 21.54%	SPY: 16.15%
Opportunities in the Electric Vehicle Battery Industry ALB (Albemarle) SQM (Sociedad Quimica y Minera De Chile S.A. ADR) LIT (Global X Lithium & Battery Tech ETF)	So, given this event, the anticipated media coverage of it, and the recent focus on TSLA, Nikola (the EV truck company), and other EV companies, we wanted to revisit the EV space and specifically the battery market, because it is undeniable the growth potential here is still very, very substantial. We explored the EV market three years ago when we first launched Alpha but much has changed in the industry since then, and with Battery Day looming, we wanted to revisit the industry, again with a specific focus on battery technology and the companies and ETFs associated with battery advancement – because battery capacity remains the key to the growth of the	9/9/2020	ALB: 198.10% SQM: 211.10% LIT: 79.31%	SPY: 17.66%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Election Preview Trump Wins Biden Wins No Clear Winner (Multiple ETFs Listed)	We had long planned to release our Alpha Election Preview issue this week, as we knew that with the first debate a week away, investors focus would turn to- wards politics and we wanted to ensure you had a post-election roadmap, along with specific ETF ideas, for any election-related discussions with clients. But, that interest in the election will now be turbo- charged with the surprise passing of Supreme Court Justice Ruth Bader Ginsberg. So, with six weeks to go until the election, we wanted to explore the three possible scenarios (Trump wins/ Biden wins/No one wins right away) and provide a tactical roadmap and identify ETFs that should outper-	9/22/2020	N/A	N/A
Finding Sustainable Growth in the Wellness Sector PTON (Peloton) LULU (Lululemon) BRBR (BellRing Brands) BFIT (Global X Health & Wellness Thematic ETF) MILN (Global X Millenials Thematic ETF)	Today's issue explores one of the sectors that we think will benefit from long-term changes in behavior from the pandemic: The wellness sector. Hopefully (and the data and history back this up) we are now closer to the end of the COVID-19 pandemic than we are the beginning, and once the pandemic ends, we believe life will return mostly to a precoronavirus normal. And we think that return to normal will disappoint very optimistic projections on some of the sectors that have outperformed due to COVID, like telemedicine, videoconferencing, widespread delivery, etc. But one sector we think can continue to see growth long after the world return to normal is the wellness sector, because this sector was experiencing substantial growth before the pandemic hit. And, the pan-	10/6/2020	PTON: -76.96% LULU: -17.07% BRBR: -14.45% BFIT: -33.44% MILN: -37.40%	SPY: -17.73%
SPACS PSTH (Pershing Square Tontine Holdings) CCIV (Churchill Capital IV) SPAQ (Spartain Energy Acquisition Corp) SPAK (Defiance NextGen SPAC ETF)	This issue was partially driven by client demand, as we've started to field an increasing number of questions about SPACs from friends and colleagues (who are all clients of advisors), and given that, we believe that soon you may be asked by your clients about how to invest in a SPACs.	11/3/2020	N/A	N/A

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Performance Since Issue Date
Cyclical Rotation to Value RSP (Invesco S&P 500 Equal Weight ETF) VTV (Vanguard Value ETF) RPV (Invesco S&P 500 Pure Value ETF)	We scoured the universe of value ETFs and mutual funds to identify those that we think are "best of breed" and represent a cost-effective, alpha generating solution for any advisors who wants to rotate to value after the election. And, we were surprised by our findings – namely that higher fee, actively managed ETFs and mutual funds lagged the more traditional, passive value ETFs – and that keeping it simple in the value space yielded the best returns over the past several years.	11/3/2020	RSP: 21.32% VTV: 28.99% RPV: 46.08%	SPY: 12.28%
Four Post Election Tactical Strategies Idea #1: Electric Vehicles & Clean Energy (LIT/ICLN/ESGV) Idea #2: Industrials & Infrastructure Spending (VIS/PAVE) Idea #3: Healthcare & Marijuana (VHT/MJ) Idea #4: Emerging Markets & China (XSOE)	What Specific Sectors and ETFs Can Outperform in a Biden Presidency/Divided U.S. Government? That question was the inspiration for today's Alpha issue, because while election results have not been certified yet (that will start to happen in states later this week) the likelihood is that we will have a Biden Presidency and divided government in 2021 (with Republicans holding a small majority in the Senate). Reflecting that fact, I've been asked multiple times over the past week what would outperform in this political environment, so I imagine this topic has been coming up in client conversations — and I want to make sure that you have the strategies and talking points you need to turn those con-	11/17/2020	Eight Differ- ent ETFs Listed.	
Bitcoin GBTC (Greyscale Bitcoin Trust) BLOK (Amplify Transformational Data Sharing ETF) ARKW (ARK Next Generation ETF)	This Alpha issue is focused on a suddenly popular topic: Bitcoin. Our goal with this issue isn't to sway you one way or the other to invest in Bitcoin. Instead, we want to help you guide responsible conversations about: 1. What it is and 2. Who it's for, and 3. How you can potentially own it within a conventional portfolio. Put more frankly, many of us "know" about bitcoin – but are we prepared to really discuss the inner workings of the cryptocurrency and thoroughly list and explain the responsible ways clients can gain exposure to it? The point of this Alpha issue is to make sure we are all ready to do just that, so you can turn any bitcoin conversation into an opportunity to strengthen client relationships and grow your business.	12/1/2020	GBTC: -49.33% BLOK: -37.30% ARKW: -64.72%	SPY: 5.48%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Four Strategies That Outperformed in 2020 and Can Do It Again in 2021 Long Term Pandemic Tech Opportunities (IBUY/XITK) New Wave of Online Payments/E-Commerce (IPAY) 5G Revolution (FIVG) EV Batteries (LIT)	2020 has created fantastic growth in certain sectors and industries, and stocks and ETFs linked to them have produced huge YTD returns. But, while looking back on what worked is helpful, especially at yearend, we wanted to identify those sectors that not only have outperformed, but that can continue to outperform in 2021. So, in this Alpha issue, we highlight four Alpha strategies that have massively outperformed, but that we believe have long-term staying power and can continue to outperform in 2021 and beyond.	12/15/2020	IBUY: -64.07% XITK: -50.55% IPAY: -36.19% FIVG: -9.19% LIT: 18.90%	SPY: 4.69%
Two Playbooks for 2021	As our focus now turns from 2020 and towards 2021, I believe we <u>always</u> must be prepared for two outcomes – the expected, and the unexpected. So, in this Alpha issue, we wanted to provide two ETF playbooks: The expected "Return to Normal" trade, and the Contrarian Scenario. Playbook 1. What's Expected: The "Return To Normal" Trade. The perfect storm being high economic confidence, vaccines rolling out to vulnerable groups, low-interest rates, and further government stimulus in the first quarter. That paints the perfect picture for capitalizing on beaten-down areas of the economy that are ripe for further expansion. Playbook 2: The Unexpected: A Contrarian Scenario. A scenario where things just don't work as planned. Perhaps inflation exceeds all norms, Treasury yields shoot up unexpectedly, geopolitical disruption intercedes, or the economic recovery just simply falls short of expectations.	12/29/2020	Multiple ETFs across both strategies	
Energy Transmission (The Picks and Shovels of the EV Gold Rush) First Trust NASDAQ Clean Edge Smart Grind Infrastructure Index Fund (GRID) NextEra Energy (NEE) EV Charging Basket: Tesla (TSLA), ABB Ltd (ABB), Eaton Corp (ETN), Blink Charging (BLNK)	Energy (and the transmission of energy) are the proverbial "picks and shovels" of this modern-day EV gold rush. Electricity demand is likely going to skyrocket for households that will be transitioning to electric and hybrid vehicles in the next decade. More advanced battery systems constantly needing to be plugged in and recharged are going to tax the current electric utility network capacity while growth in EV sales will also propel a nationwide surge in charging stations, similar to the rollout of gas stations in the early 20th century.	1/12/2021	GRID: -2.13% NEE: 2.65%	SPY: 5.29%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	<u>Total Return</u>	Benchmark Perfor- mance Since Issue Date
How the "Old Economy" Can Help Us Outperform Invescro Dow Jones Industrial Average Dividend ETF (DJD) First Trust Morningstar Dividend Leaders Index Fund (FDL) Invesco S&P 500 Pure Value ETF (RPV)	Looking for value in "Old Economy" stocks is a strategy that prioritizes stocks that are still well off their alltime highs, have proven and sustainable business models, and many of which pay hefty dividends. Additionally, these industries are as familiar and comfortable as a warm blanket to your mature, high net worth client base and these investment ideas are perfect for the tech skeptics that prioritize value characteristics, low leverage, and high dividends.	1/26/2021	DJD: 15.25% FDL: 28.33% RPV: 25.78%	SPY: 3.92%
Market Myth Busting	 Investment Myth 1: Investing and Politics Go Hand in Hand. Investment Myth 2: Modern Monetary Theory Is A Reason to Get Out Now. Investment Myth 3: Getting Out Because the Market is in a Bubble. Investment Myth 4: Rising Rates Are Going to Wreck My Portfolio. Investment Myth 5: The Falling U.S. Dollar Is Eroding My Purchasing Power. 	2/9/2021		
Inflation Playbook Core Inflation Plays (SGOL/PDBC/GNR/RLY) U.S. Sector Opportunities (RTM/RGI) Income Opportunities (BKLN/JAAA/STIP)	Today's issue is focused on inflation because suddenly accelerating inflation could be a game-changer for many investors and advisors, and we want to arm you with the best-in-class tools to combat inflationary effects in your portfolios. Point being, higher inflation is almost certainly coming in the future, and I wanted to take this Alpha issue to provide a clear, decisive "Inflation Playbook" that we can keep and reference for when statistical inflation starts to accelerate.	2/23/2021	PDBC: 47.45% GNR: 14.21% RTM: 6.65% JAAA: -0.64%	SPY: 2.50%
ARK Invest ETFs ARKK (ARK Innovation ETF) ARKG (ARK Genomic Revolution ETF) ARKW (ARK Next Generation Internet) ARKF (ARK Fintech Innovation ETF) ARKQ (ARK Autonomous Technology & Robotics ETF).	I wanted this Alpha issue to provide an updated "deep dive' into the ARK Invest ETF offerings, because even considering their huge returns over the past few years, I still believe now what I believed when we first recommended them: That these ETFs are "one-stop shopping" for investors get targeted exposure to the leading edge of the technology growth curve, and that investors should have exposure to the technologies in which ARK ETFs invest because the long term return potential is extreme.	3/9/2021	ARKK: -68.27% ARKG: -61.29% ARKW: -67.16% ARKF: -67.83% ARKQ: -42.93%	QQQ: -10.02%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
What Should I Buy on This Tech Decline? Invesco S&P 500 Equal Weight Technology ETF (RYT). VanEck Vectors Semiconductor ETF (SMH). First Trust NASDAQ Technology Dividend Index Fund (TDIV).	If a client comes to you and asks, "What Should I Buy on this Tech Decline?" we want to make sure you have a set of ETFs that provide exposure to solid, proven tech companies that aren't trading at skyhigh valuations because for the last several decades buying core, large cap tech stocks on any sustained underperformance has been a very profitable long-term strategy.	3/23/2021	RYT: -5.33% SMH: -17.98% TDIV: -8.43%	SPY: 1.52%
Sector Winners and Losers from the Democratic Policy Agenda Global X Millennials Thematic ETF (MILN) Vanguard Tax-Exempt Bond ETF (VTEB) Global X U.S. Infrastructure Development ETF (PAVE) First Trust NASDAQ Clean Edge Green Energy Index Fund (QCLN)	Throughout most of the first quarter, markets embraced Democrat control of the government because it meant massive stimulus, and that expectation has been met. However, now the focus is turning to less growth-friendly policies, including potentially higher taxes and increased regulation. While these policies will impact the markets broadly, they'll also impact specific sectors even more than the broad markets. So, we want to arm you with the tools for identifying and deploying to areas of the market that should experience positive effects during this political environment, and know which sectors stand to get hurt given potential policies from Washington.	4/6/2021	MILN: -35.45% VTEB: -10.63% PAVE: 3.08% QCLN: -18.30%	SPY: -2.61%
Four Small Cap ETFs for the Economic Recovery Invesco S&P Small Cap Consumer Discretionary ETF (PSCD) First Trust Consumer Staples AlphaDex Fund (FXG) Invesco S&P SmallCap 600 Revenue ETF (RWJ) iShares Morningstar Small-Cap Value ETF (ISCV)	Much of the "economic reopening trade" has been focused on large travel and leisure companies, and many of those names have seen huge gains over the past year. But they are now saddled with massive debts and ballooning capital structures that could be headwinds on investor returns going forward. Many smaller stocks, however, were able to utilize government programs (PPP and others) to recapitalize healthily over the past year and those that have survived to this point are now in an extremely favorable position to capture future opportunities as the economy reopens. So, we want to make sure you know which ETFs can give you exposure to quality small-cap companies that are 1) Financially sound, 2) Exited the pandemic with their business intact, 3) Stand to benefit from an acceleration in the economy, and 4) Could see earnings surge as the economic reopening continues.	4/20/2021	PSCD: -25.67% FXG: 9.98% RWJ: -0.09% ISCV: -1.93%	IWM: -13.98%

Sevens Report Alpha Fund & Stock Ideas				
<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Per- formance Since Issue Date
The Crypto Craze Updated Grayscale Bitcoin Trust (GBTC) Grayscale Ethereum Trust (ETHE) Coinbase Global (COIN) Voyager Digital (VYGVF)	If you are like me, you have seen interest in the entire crypto space increase over the past several months. So, we wanted to take this Alpha issue to provide an updated primer on the crypto industry and ensure you have got the advisor-focused research you need to turn any crypto-related client or prospect conversations into opportunities to grow your business.	5/18/2021	GBTC: -64.99% ETHE: -67.79% COIN: -71.63% VYGVF: -98.53% (Closed)	SPY: -4.03%
Fixed Income Playbook in Today's Environment Strategy 1: Inflation Protection. Quadratic Interest Rate Volatility and Inflation Hedge ETF. (IVOL). Strategy 2: Variable Rate Preferreds (VRP). Strategy 3: Floating Rate Notes (Two ETFs). Strategy 4: Shorten Duration (Four ETFs).	We want to tackle this problem and provide ETF solutions that can help clients achieve the dual goals of 1) Safety	6/2/2021	IVOL: -21.28% VRP: -16.08%	SPY: -7.94%
Equity Playbook in Today's Environment Strategy 1: "One-Stop Shop" Inflation Hedge. Horizon Kinetics Inflation Beneficiaries ETF (INFL). Strategy 2: Focus on Dividend Growth. Proshares S&P 500 Dividend Aristocrats ETF (NOBL). iShares Core Dividend Growth ETF (DGRO). Strategy 3: Commodities and Natural Resources. Global X MLP ETF (MLPA). SPDR SSGA Multi-Asset Real Return ETF (RLY).	will be negative. Today's issue provides ETF solutions for the equity portion of elderly clients' portfolios – ideas that are designed to provide income and ensure positive correlation to rising inflation	6/15/2021	INFL: -0.23% NOBL: -4.25% DGRO: -2.85% MLPA: 6.21% RLY: -5.46%	SPY: -8.79%
Cybersecurity ETFMG Prime Cyber Security ETF and the CIBR: First Trust NASDAQ Cybersecurity ETF (HACK) Global X Cybersecurity ETF (BUG) First Trust Cloud Computing ETF (SKYY)	This issue is focused on Cybersecurity. First, we want to give you an updated primer on the cybersecurity sector, and make sure you know the best ETFs to gain exposure to the likely explosive growth cyber security companies will experience over the coming quarters. Second, we wanted to identify strategies that you, the advisor, can use to minimize the chances your business is attacked and provide solutions if an attack does occur, so	6/29/2021	HACK: -23.64% CIBR: -12.05% BUG: -13.66% SKYY: -40.34%	SPY: -9.53%

you know what to do, and what not to do.

<u>Fund/Stock</u>	Strategy	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Capitalizing on mRNA and Other Medical Tech ARK Genomic Revolution ETF (ARKG) Global X Telemedicine & Digital Health ETF (EDOC) ROBO Global Healthcare Technology & Innovation ETF (HTEC) Genomic Revolution Global X Genomics & Biotech ETF (GNOM)	Because of the success of mRNA in producing an effective COVID-19 vaccine at a record pace, along with the demonstrated effectiveness of anti-viral treatments like Remdesivir, we're likely to see a major acceleration in funding, research, and adoption of other cutting edge medical technologies and that means potentially substantial returns for companies with the right exposure.	7/13/2021	ARKG: -60.66% EDOC: -37.70% HTEC: -39.12% GNOM: -43.81%	SPY: -9.68%
Five ETFs That Can Make Your Life As An Advisor Easier Vanguard Total World Stock ETF (VT). iShares MSCI ACWI ETF (ACWI). iShares MSCI Global Min Vol Factor ETF (ACWV). iShares MSCI ACWI Low Carbon Target ETF (CRBN).	So how do you bridge the gap between an seven- figure trust and that clients nephew's tiny Roth IRA? Both are important to the overall relationship. You start by syncing up some of the foundational core holdings that make up the bulk of your asset alloca- tion. Specifically, we identify foundational "own every- thing" ETFs you can use across account sizes to simpli- fy smaller account administration and reduce variety among core ETF holdings, thereby making you more efficient:	7/27/2021	VT: -16.92% ACWI: -16.89% ACWV: -9.64% CRBN: -17.96%	SPY: -10.23%
Stagflation Playbook First Trust Dow Jones Internet Index Fund (FDN). Invesco S&P 500 Equal Weight Consumer Staples ETF (RHS). VanECk Vectors Investment Grade Floating Rate ETF (FLTR). Aberdeen Standard Bloomberg All Commodities Strategy K-1 Free ETF (BCI).	This Alpha issue is focused on something we sincerely hope never happens: Stagflation. That's because a stagflationary environment is a very difficult one to successfully invest in as, broadly speaking, it's negative for most stocks, most bonds, and idle cash (purchasing power is eroded through inflation). Positively, stagflation is not the most likely macroeconomic scenario going forward (a stock positive reflation scenario is the most likely future macro setup). But, stagflation risks are still at multi-decade	8/24/2021	FDN: -47.15% RHS: 8.90% FLTR: -0.90% BCI: 19.87%	SPY: -12.05%
Learning to Live with COVID Vaccine Markers (Multiple Stocks & ETFs) Global X Telemedicine & Digital Health ETF (EDOC). Amplify Online Retail ETF (IBUY). VanEck Vectors Morning Star Durable Dividend ETF (DURA).	In this Alpha issue, we examine the strategies and sectors that will benefit from society learning to "live" with COVID over the medium and longer-term, and the inspiration for this issue came from real life. We believe that reality will cause more permanent adoption of some "temporary" pandemic era behaviors, and we believe that should lead to some attractive investment opportunities.	9/8/2021	MRNA: -64.30% BBH: -27.11% EDOC: -38.04% IBUY: -64.52% DURA: -0.56%	SPY: -12.13%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Per- formance Since Issue Date
Hydrogen—The Next Stage of the Green Energy Revolution Plug Power (PLUG) Cummings (CMI) Defiance Next Gen Hydrogen ETF (HDRO)	Hydrogen has long been touted as a source of cleaner fuel for transportation and commercial uses. But it has always seemed like the decades-long play that just needs a little more technology or a breakthrough process to truly realize its untapped potential. But, over the past several months I've been digging into this space, and it started to make more sense from an investment perspective. I quickly realized just how much opportunity is at stake and why this moment in time is pivotal to the hydrogen development cycle.	9/21/2021	PLUG: -38.54% CMI: 14.66% HDRO: -54.00%	SPY: -9.29%
Buying Opportunities in "New Tech" Idea 1: Winning Streaming Wars (ROKU/SPOT) Idea 2: Next Evolution in Genetics (NVTA/CRSP) Idea 3: Future of Money (Z/COIN) Idea 4: Work from Anywhere (ZM)	Tech companies in the fields of robotics, fintech, biotech, clean tech, electric vehicles, cryptocurrencies, etc. have seen steep declines from the highs this year. With some of these stocks down more than 55% from the highs, they are now trading at far more attractive valuations than they have in years (and this is even more true following the weakness in the tech sector over the past week!) As such, we wanted to produce an Alpha issue that identifies potential opportunities in this "New Tech" space, as given the declines and the growth potential of some of these firms, the risk is now worth the reward for longer-term focused investors:	10/05/2021	ROKU: -81.85% SPOT: -63.74% NVTA: -90.51% CRSP: -48.40% Z: -63.95% COIN: -71.81% ZM:	SPY: -9.33%
Tapping the Wisdom of Financial Celebrity DoubleLine Total Return Fund (DBLTX) DoubleLine Shiller Enhanced CAPE (DSEEX) Guggenheim Total Return Bond Fund Institutional Class (GIBIX). Guggenheim Strategic Opportunities Fund (GOF) WisdomTree U.S. Quality Dividend Growth Fund (DGRW), WisdomTree Emerging Markets es State-Owned Enterprises Fund (XSOE). O'Shares U.S. Quality Dividend ETF (OUSA) O'Shares Global Internet Giants ETF (OGIG)	well-known "Market Mavens" that appear in the financial media so that you can turn any mention of these celebrities into an opportunity to impress clients with your knowledge, and possibly find an actionable investment idea. After a thorough search, we found four of these "Mavens" that had funds or ETFs that: 1, Could be attractive to clients and 2. Consistently beat the market. The four "Mavens" we profiled were: Jeffrey Gundlach (Doubleline Capital), Scott Minerd (Guggenheim Investments), Jeremy Siegel (WisdomTree), and Kevin O'Leary	10/19/2021	DBLTX: -13.86% DSEEX: -19.51% GIBIX: -17.83% GOF: -13.09% DGRW: -0.26% XSOE: -36.59% OUSA: -5.03% OGIG: -56.47%	SPY: -12.71%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	<u>Total Return</u>	Benchmark Perfor- mance Since Issue Date
Capitalizing on A New Era of Energy Investment SPDR S&P Oil & Gas Exploration and Production ETF (XOP) Invesco S&P Small Cap Energy ETF (PSCE) First Trust Natural Gas ETF (FCG) Global X MLP ETF (MLPA)	Today's Alpha issue is essentially a "follow up" to our recent Alpha webinar, where we focused on the energy industry and explained, in part because of environmental concerns, that energy prices could be sustainably higher for the foreseeable future. So, in this issue, we profile several energy ETFs that we believe have the most targeted exposure and stand to outperform in this new era of energy, one where a lack of increased production should keep prices high, and where Natural Gas sees sustained increases in demand due to the desire to burn the most "clean" fossil fuel while the world moves further towards renewables.	11/2/2021	XOP: 41.65% PSCE: 32.97% MLPA: 25.00%	SPY: -15.09%
Metaverse Primer Meta Platforms Inc (FB) Roblox Corp (RBLX) NVIDIA Corp (NVDA) Amazon (AMZN) Microsoft (MSFT) Roundhill Ball Metaverse ETF (META)	Many analysts believe the "Metaverse" is the next evolution of the internet, and if that's true the long-term return potential is significant. So, we want to make sure you have the information you need to 1) Discuss the metaverse with any clients or prospects and 2) Identify the stocks and ETFs that stand to benefit from the continued growth of the Metaverse	11/16/2021	Meta: -72.76% RBLX: -61.06% NVDA: -54.94% AMZN: -42.29% MSFT: -30.60% METV: -55.87%	SPY: -16.17%
REITS As An Inflation Hedge Vanguard REIT ETF (VNQ) Pacer Benchmark Data and Infrastructure Real Estate SCTR ETF (SRVR) Pacer Benchmark Indus- trial Real Estate SCTR ETF (INDS) iShares Residential and Multisector Real Estate ETF (REZ)	forming the S&P 500 (VNQ is up 26.6% YTD, while the S&P 500 is up 23% YTD). More specialized REITs have performed even better so far in 2021, and that's why, in addition to VNQ, in today's issue we focused on what we consider "REITs for the 21st	11/30/2021	VNQ: -19.77% SRVR: -28.84% INDS: -25.06% REZ: -18.71%	SPY: -13.85%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Best Performing COVID Strategies Strategy One: Mega-Cap Tech. XLK/VGT/FDN. Strategy Two: Online Spending. SHOP/IBUY. Strategy Three: Block-chain. BLOK (Amplify Transformational Data Sharing ETF). Strategy Four: Smart-Beta Industrials. PAVE (Global X U.S. Infrastructure Development ETF).	Today's issue focuses on strategies that have outperformed since the pandemic started in March of 2020 and should continue to outperform as the market realizes it's got to "live" with COVID. More specifically, the Omicron variant has again reminded people and markets that COVID is not going away and that we will have flareups from variants for the foreseeable future.	12/14/2021	XLK: -23.66% VGT: -25.05% FDN: -41.79% SHOP: -74.53% IBUY: -53.78% BLOK: -52.89% PAVE: -6.78%	SPY: -15.25%
Annual Contrarian Issue Contrarian Investment Idea 1: The China Growth Story Re- Emerges. KraneShares CSI China Internet ETF (KWEB) and Wis- domTree China ex-State- Owned Enterprises Fund (CXSE). Contrarian Investment Idea 2: Gold & Silver Miners Dig Up Profits. VanEck Vectors Gold Miners ETF (GDX) and Global X Silver Miners ETF (SIL). Contrarian Investment Idea 3: Investors Flock To Low Volatility Sectors. Utilities Select Sector SPDR (XLU) and Pow- erShares S&P 500 Low Volatility ETF (SPLV).	Today's Alpha is our annual Contrarian Issue, where we identified some of the worst-performing sectors and factors for 2021 and analyzed them to identify three sectors that we think could be poised for a big turnaround in 2022. We have produced this annual Contrarian Issue for the last several years to serve two primary functions. First, I'm a contrarian investor at heart, and I always enjoy scouring what "didn't" work during an investment year to determine whether these relatively cheap sectors or factors present an attractive opportunity, as contrarian investing can lead to outperformance. Second, we like to provide these contrarian ideas so that if a client asks you "What's cheap right now?" or "Are there any opportunities from last year?" you have interesting, well-founded ideas that can impress clients and prospects.	12/28/2021	KWEB: -48.89% CXSE: -45.24% GDX: -22.32% SIL: -32.33% XLU: -5.52% SPLV: -9.44%	SPY: -18.87%
Practical Crypto Strate- gies for Clients Greyscale Bitcoin Trust (GBTC) Amplify Transformation- al Data Sharing ETF (BLOK) ProShares Bitcoin Strate- gy ETF (BITO)	The push of cryptos into the cultural mainstream in 2022, along with substantial investment gains over the past several years, has resulted in a surge in interest in crypto exposure from investors. And, while there remains a lot of risks associated with crypto trading, the bottom line is that an advisor can only dissuade a client from cryptos for so long before it hurts the relationship. Given that, our goal in today's Alpha issue is to highlight some of the best and most responsible strategies to provide clients with crypto exposure without taking an overabundance of risk.	1/11/2022	GBTC: -61.32% BLOK: -49.76% BITO: -53.54%	SPY: -17.68%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Weathering Market Volatility with "Quality" ETFs. Quality Idea 1: Financials. First Trust Financials. First Trust Financials AlphaDex Fund (FXO). Quality Idea 2: Qualitative Value. ValueShares U.S. Quantitative Value ETF (QVAL). Quality Idea 3: Shareholder Yield. Cambria Shareholder Yield. Cambria Shareholder Yield ETF (SYLD). Quality Idea 4: Core Value. Invesco S&P 500 Pure Value ETF (RPV).	This Alpha issue is an important complement to what we've been discussing in the regular Sevens Report, namely that we believe the best way to weather this increased volatility in markets is by allocating to "Quality" stocks, sectors, and ETFs. For us, "quality" means those stocks and ETFs with lower relative price-to-earnings (P/E) and price-to-book (P/B) ratios, strong free cash flow, and solid shareholder yield. We believe these stocks and sectors will be the most insulated from the effects of interest rate hikes, possibly slowing growth and other headwinds, and find themselves as high-quality landing spots for investment capital.	1/25/2022	FXO: -6.40% QVAL: -3.03% SYLD: -1.94% RPV: -1.50%	SPY: -9.98%
Finding Value and Opportunity in International ETFs Schwab Fundamental International Large Company Index ETF (FNDF). iShares Edge MSCI Intl Quality Factor ETF (IQLT). Vanguard International High Dividend Yield ETF (VYMI).	We've been talking a lot in the Sevens Report about wanting to allocate towards lower P/E sectors, and the fact is that quality international stocks in developed markets are currently trading at heavy discounts to the S&P 500. We think the combination of low valuations and less-aggressive central banks makes international exposure an important part of a diversified investment strategy going forward.	2/8/2022	FNDF: -19.49% IQLT: -20.45% VYMI: -19.32%	SPY: -13.17%
What Would Outperform If Markets Turn Around? SPDR FactSet Innovative Technology ETF (XITK) Vanguard Consumer Discretionary ETF (VCR) iShares Broad USD High Yield Corporate Bond ETF (USHY) SPDR Blackstone Senior Loan ETF (SRLN)	Today's issue was inspired by this thought: What if everything works out alright? Many analysts (including me) are concerned about numerous headwinds hitting the U.S. markets and a potentially volatile trading year. That opinion has been correct so far in 2022, and it's well-reasoned. But it's also a very popular view on the Street right now. So, in today's issue, we identify a playbook to outper-	2/23/2022	XITK: -29.81% VCR: -14.45% USHY: -11.36% SRLN: -8.36%	SPY: -8.23%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Performance Since Issue Date
	In today's Alpha issue, we are going to examine what assets and sectors outperformed the last time we had a sustained, multi-year bear market (in the early 2000s).			
Bear Market Playbook (What Worked Last Time) MINT (PIMCO Enhanced Short Term Maturity Active ETF) SGOL (Aberdeen Physical Swiss Gold Shares ETF) VNQ (Vanguard REIT ETF) FXG (First Trust Consumer Staples AlphaDEX Fund)	Now, to be clear, we do not think a bear market is the most likely outcome for this market. If we thought that, we'd be advocating for much more defensive positioning in the Sevens Report. But, at the same time, the current bull market is facing formidable headwinds, and the path for the Fed to successfully remove accommodation without harming the recovery is becoming increasingly narrower. Given that reality, we think it's prudent to review the strategies that worked the last time we had a sustained, multi-year bear market so that we all have a playbook of how to protect client assets, should this unwanted outcome occur.	3/8/2022	MINT: -2.34% SGOL: -20.37% VNQ: -19.19% FXG: 4.70%	SPY: -7.14%
Russia/Ukraine Ceasefire Playbook EMB (iShares J.P. Morgan USD Emerging Markets Bond ETF) HYEM (VanEck Emerging Markets High Yield Bond ETF) EUFN (iShares MSCI Europe Financials ETF) JETS (U.S. Global Jets ETF) FXE (CurrencyShares Euro Trust)	What happens to markets if there's peace in Russia/ Ukraine? That was a question that was emailed to me this morning by a subscriber, and it was incredibly well timed because today's Alpha issue is focused on identifying potential opportunities in the market for when there is a ceasefire declared in the Russia/Ukraine war. More broadly, the Russia/Ukraine war is devolving into a stalemate and at some point, there will be a ceasefire. And, given the intense market reactions to the conflict from certain sectors and regions, we think that a ceasefire announcement, whenever it comes, will create potentially substantial medium-and longer-term opportunities in some of the most beat down sectors of the market.	3/22/2022	EMB: -15.15% HYEM: -13.46% EUFN: -17.64% JETS: -13.53% FXE: -10.98%	SPY: -13.26%
Finding Opportunities in the New Energy Reality FCG (First Trust Natural Gas ETF) URA (Global X Uranium ETF) BOAT (Sonic Shares Global Shipping ETF) LNG (Cheniere Energy) FLNG (Flex LNG Ltd)	The Russia/Ukraine war has fundamentally altered the flow of energy around the world, as European countries wean themselves off Russian energy imports. This transition will take time and create opportunities across the energy sector, so today's Alpha issue is focused on identifying the strategies, sectors, and stocks that stand to benefit from this seminal shift.	4/5/2022	FCG: 12.68% URA: -20.94% BOAT: -17.04% LNG: 27.33% FLNG: 14.05%	SPY: -13.43%

Fund/Stock	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Performance Since Issue Date
Staying Long With Lower Volatility ETFs. USMC (Principal U.S. Mega Cap ETF). SPHD (Invesco S&P 500 High Dividend Low Vola- tility ETF) XYLD (Global X S&P 500 Covered Call ETF)	I've made it no secret that I'm concerned about the longevity of the rally given the looming Fed tightening, yield curve inversions, high inflation, etc. But, history has shown us clearly that markets can rally, on average, 15% after a yield curve inversion, and that rally can last more than a year. Minimum volatility ETFs can provide general long exposure while also reducing the pain of sudden pullbacks, like we experienced several times in the first quarter.	4/19/2022	USMC: -14.52% SPHD: -12.00% XYLD: -18.60%	SPY: -12.96%
Contrarian Bond Strate- gY Vanguard Intermediate Term Bond ETF (BIV) iShare iBoxx Investment Grade Corporate Bond ETF (LQD) iShares Preferred and Income Securities (PFF)	This Alpha issue is one of the most contrarian issues we've produced since I started Alpha because we examine long opportunities in bond ETFs. The "bearish bond" thesis is well founded and widely adopted given high inflation and looming rate hikes. But there is another outcome that's possible where the economy slows quickly, inflation peaks and recedes, the Fed doesn't hike as much as expected, and today's bond yields become attractive over the medium and longer term. We wanted to provide a bond ETF playbook for that contrar-	5/3/2022	BIV: -6.64% LQD: -9.69% PFF: -8.14%	AGG: -7.21%
Assisting Clients Through a Potential Bear Market Bear Market Statistics Bear Market Psychology Specific Tips for a Bear Market	Recently I've had a clear increase in the number of friends and acquaintances asking if we're entering a bear market and if they should get out of the market. I told them this: History is very clear - Abandoning a long-term investment plan even in bear markets is not the right long-term decision. So, we wanted to arm you with independent and unique research, talking points, and historical analysis that reinforces that staying the course through volatility is the right solution for long-term outperformance.	5/17/2022	No recom- mendations given.	
Bottom Fishing in Beaten Down Stocks Netflix (NFLX) PayPal (PYPL) Ford (F) General Motors (GM) Etsy (ETSY) Penn National Gaming (PENN)	This issue is focused on identifying some of the most beaten -down stocks and sectors in the market today, because we know that while sentiment is very negative at the moment, there are contrarian clients who are looking for opportunities and we want to make sure you're prepared with a well-research list of individual stocks and ETFs. Additionally, we included an interactive table of 61 S&P 500 stocks that are trading below 10X earnings, and we also included other metrics such as Market Cap, Dividend Yield, and YTD Total Return.	6/1/2022	NFLX: 50.43% PYPL: 1.50% F: -0.42% GM: -2.35% ETSY: 16.72% PENN: 3.61%	SPY: -4.95%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Bottom Fishing with ARK Fund's Favorite Stocks Zoom (ZM) Tesla Inc. (TSLA) Roku Inc. (ROKU) Block Inc. (SQ) Exact Sciences Group (EXAS)	Today's issue continues with the "Bottom Fishing" theme from our previous Alpha issue, and we're going to cover what is arguably one of the most followed ETFs and fund families in the markets: ARKK and the ARK Funds. The inspiration for this issue came from the research we performed for the previous Alpha issue. We learned that ARKK had not only fallen nearly 80% from the early 2021 highs but that ARKK was now trading at or below levels from before the pandemic even started. And, if we step back, it's hard to argue that the outlook for many of the biggest holdings in ARKK and across the ARK family of funds have worse business outlooks than before the pandemic even started.	6/14/2022	ZM: -21.99% TSLA: 2.73% ROKU: -26.36% SQ: 0.35% EXAS: -7.59%	SPY: 4.19%
Five Strategies for a Low Return Environment Strategy One: Effective Client Communication Strategy Two: Dividends Strategy Three: Short Term High Yield Debt Strategy Four: Cash is King Strategy Five: Precious Metals	The average annual return for the S&P 500 has been 15.5% over the past 12 years, far above the longerterm average of just over 9%, so we think it's prudent for advisors to ensure they have strategies to generate Alpha should annual returns lag the longer-term average for the next few years. So, in this issue we focused on 1) Techniques to help set the right expectations for clients for a potentially low return environment over the coming years and 2) Specific ETFs that we think can provide solid returns over the coming years amidst increased market volatility.	6/28/2022	NOBL: 3.47% SHYG: 2.54% SGOL: -10.06%	SPY: 2.22%
Sectors that Outper- formed During Recent Recessions Vanguard Health Care ETF (VHT) IShares U.S. Healthcare Providers ETF (IHF) Vanguard Consumer staples ETF (VDC) Invesco Dynamic Food and Beverage ETF (PBJ)	 In this Alpha issue we examined sector performance during recent recessions to determine: If defensive sectors really do outperform during economic contractions and Which defensive sectors have the best track record of performance leading up to, during, and after recessions. And, our research for this issue revealed a clear conclusion: Namely, that defensive sectors broadly and specifically the consumer staples and health care sectors demonstrated consistent patterns of outperformance leading up to, during, and following reces- 	7/12/2022	VHT: 2.63% IHF: 5.65% VDC: 1.75% PBJ: 6.97%	SPY: 1.99%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	<u>Total Return</u>	Benchmark Perfor- mance Since Issue Date
Strategies for a Peak in Bond Yields First Trust NASDAQ Technology Dividend Index Fund (TDIV) Vanguard REIT ETF (VNQ) Pacer Benchmark Industrial Real Estate SCTR ETF (INDS) Pacer US Cash Cows 100 ETF (COWZ)	growth estimates, not directly by Fed rate hikes.	7/26/2022	TDIV: -8.34% VNQ: -11.48% INDS: -10.60% COWZ: 5.49%	SPY: -0.62%
The State of the Crypto Market Grayscale Bitcoin Trust (GBTC), Grayscale Ethereum Trust (ETHE). ProShares Bitcoin Strategy ETF (BITO). Amplify Transformational Data Sharing ETF (BLOK).	The cryptocurrency industry and markets have witnessed extreme turmoil so far in 2022, but the longerterm story and investor appeal of cryptocurrencies and blockchain technologies remain generally intact. So, we wanted to provide an update on the state of the crypto markets and identify quality, actionable investments that have relatively weathered the storm should clients be interested in this segment.	8/9/2022	GBTC: -16.03% ETHE: -14.88% BITO: -11.74% BLOK: -16.92%	SPY: -5.95%
Sustainable Investing Revisited Invesco MSCI Sustainable Future ETF (ERTH). iShares Self-Driving EV and Tech ETF (IDRV). SPDR S&P Kensho Clean Power ETF (CNRG).	The funding provided by the Inflation Reduction Act, combined with the higher gas prices and the energy security situation in Europe, has reinforced that the sustainable energy industry isn't just here to stay, but that it'll continue to actively grow in the coming years. In past market downturns, the renewable energy sector usually performed very poorly. However, during this market decline, select renewable energy ETFs have handily outperformed the S&P 500 and we think that outperformance underscores the fact that this is	8/23/2022	ERTH: -16.89% IDRV: -11.16% CNRG: -11.90%	SPY: -6.14%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue Date
Repositioning for Another Rollover Invesco S&P 500 Equal Weight Utilities ETF (RYU), Invesco S&P 500 High Dividend Low Volatility ETF (SPHD), The Best-Performing S&P 500 Stocks YTD (Excluding Energy), WisdomTree Floating Rate Treasury Fund (USFR).	Our "Three Keys to A Bottom" still haven't been satisfied, so we must acknowledge the possibility that the S&P 500 takes out new lows later this year, and the July/August rally was nothing more than a bear market bounce. Given this possibility, we wanted to investigate the sectors, strategies, stocks, and ETFs that outperformed during the first six months of 2022. We hope the analysis in this issue will serve as a potential blueprint for how to outperform if the last four months of 2022 look like the first six months of 2022. Notably, we excluded energy and commodities broadly from this research, and there's one reason for that: Energy and commodity returns were turbocharged earlier in 2022 by the Russia/Ukraine war, and we simply don't want to assume another similar event occurring between now and year-end. Put differently, we don't want to assume another specifically bullish event occurs that sends those sectors higher.	9/7/2022	RYU: -10.47% SPHD: -2.29% USFR: 0.48%	SPY: -2.40%
Opportunities in the Nuclear Energy Revival Uranium Mining Stocks. Global X Uranium ETF (URA), Nuclear Utility Stocks. VanEck Uranium + Nuclear Energy ETF (NLR), A Cutting Edge Approach. NuScale Power Corp (SMR).	The Russia/Ukraine war has upset the global energy industry and as the EU and Britain scramble to find enough natural gas to satisfy their needs, nuclear energy emerged as a potential solution not just to the current global energy shortage, but also to satisfy the increased future demand as reliance on fossil fuels declines. More specifically, the Russia/Ukraine war has exposed a significant vulnerability in the EU's energy situation and reduced natural gas flows from Russia have resulted in European countries embracing alternative forms of energy production, including nuclear. But, this isn't just an EU phenomenon. Recently, Japan recommitted to nuclear power, and surging oil and gas prices combined with rising electricity costs have resulted in renewed interest in nuclear power in	9/20/2022	URA: -4.39% NLR: -3.20% SMR: -14.64%	SPY: 1.28%

<u>Fund/Stock</u>	<u>Strategy</u>	<u>Date</u>	Total Return	Benchmark Perfor- mance Since Issue <u>Date</u>
Protection in a Deeper Bear Market. ProShares Short S&P 500 ETF (SH), ProShares Short QQQ (PSQ), Pacer Trendpilot US Large Cap ETF (PTLC), iShares 0-3 Month Treasury Bond ETF (SGOV).	Specifically, we identify three strategies to protect client portfolios if the lows are materially broken, and we are looking at another 10%-20% decline in the S&P 500. Our goal with these strategies is clear: Minimize the losses and be able to "survive" to take advantage of the ultimate longer-term buying opportunity. To be clear, a material break of the lows is not a foregone conclusion, and I hope none of these strategies are ultimately needed. It is possible that over the next several weeks/months we get 1) Better than feared earnings, 2) A decline in inflation via the September CPI, and 3) An eventual Fed pivot and markets find a bottom. But, the reality is that asset markets are currently facing very strong headwinds and we must address the fact that a break of the June lows is entirely possible. As such we need to have an action plan should the selling materially accelerate that can minimize losses and ensure we're positioned to take advantage of the long-term opportunity once stocks ultimately find a bottom.	10/4/2022	SH0: 11.80% PSQ: 1.06% PTLC: 0.19% SGOV: 0.18%	SPY: 2.20%
Opportunities in Municipal Bonds. JPMorgan Ultra-Short Municipal Income ETF (JMST). SPDR Nuveen Bloomberg High Yield Municipal Bond ETF (HYMB). IQ MacKay Municipal Intermediate ETF (MMIT)	Municipal bonds have been an unloved asset class for the past several years due to very low yields that sent investors to other corners of the fixed income markets. But that has changed during the 2022 bond market rout and yields on munis now are at multi-year highs. With federal funding still in place for pandemic programs, strong tax receipts, and a still-solid U.S. economy, the credit outlook for municipal bonds is stronger than the muni bond price action would imply, and we think that creates a potential opportunity. As such, we wanted to profile three ETFs that we think provide diversified exposure to the muni bond market.	10/18/2022	JMST: -0.03% HYMB: -2.35% MMIT: -1.53%	SPY: 4.05%