



# Winning The Stock Market Game

**BE THE CASINO**

*“Investment Rule #1: Don’t Lose Money  
Investment Rule #2: Don’t Forget Rule #1”*

*Warren Buffet*

## **The Alpha Difference**

What sets **Alpha Investment Management** apart from other investment managers is our view that the stock market is not random. To be more precise, we believe that there are permanent cyclical factors in the investment equation which “skew” stock market returns over time. Some of these factors influence the market annually while others operate over longer time periods.

We call these factors “casino factors” because investors who are aware of them and actively exploit them cause the odds of investment success to shift dramatically in their favor. Like a casino, an investor who has the laws of probability working on his or her behalf, will emerge a consistent winner over time.

## **Three Casino Factors**

Alpha’s investment strategies exploit three primary casino factors influencing the stock market:

1. The four-year presidential election cycle.
2. The six-month annual “dead zone”.
3. The dominance of small cap stocks in November and December.

These factors exert a strong influence on the market and produce statistical biases for and against specific time periods which recur cyclically over time.

## **Casino Factor #1 – The Presidential Election Cycle**

The presidential election cycle causes a cyclical bias which has been operating in the U.S. market since the formation of the Federal Reserve in 1913. Specifically, the election cycle tends to skew returns into a 15-month period beginning with the mid-term elections. This five-quarter period beginning in the fourth quarter of the president's second year has not been down since 1931, generating an average return of 25.7% plus dividends (Dow Industrials, ending 2008). This 15-month period accounts for almost all of the total appreciation of the market since the Great Depression. The average daily return during this period is 7.6 times greater than the average daily return during all other months. We call this period the market's "political sweet spot".

The mid-term elections cause the political class to focus on the next presidential election. This shift in focus is dramatic. In the first two years of the presidential term the dominant party attempts to pass legislation with significant social importance and increased governmental activism. Such changes are generally resisted by investors, who tend to be cautious during periods of uncertainty. After the mid-term elections, however, the political class becomes less aggressive and more fiscally conservative. During this period there is no mention of higher taxes, increased regulation on businesses, or large legislative agendas. The dominant party knows that economics will play a large part in determining the presidential election and they pull out all the stops to make the U.S. economy vibrant during the election year. Naturally, this plays well on Wall Street.

<b>PRESIDENTIAL ELECTION CYCLE QUARTERLY % CHANGES</b>					
<b>Dow Jones Industrials (1933 to 2009)</b>					
	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Year</b>
<b>Post-Election</b>	-0.4%	4.7%	-0.6%	1.3%	5.0%
<b>Mid-Term</b>	0.4%	0.9%	-1.4%	<b>7.2%</b>	6.7%
<b>Pre-Election</b>	<b>5.8%</b>	<b>5.5%</b>	<b>3.3%</b>	<b>1.6%</b>	<b>17.1%</b>
<b>Election</b>	0.6%	0.8%	1.1%	2.2%	4.8%

## 1990 – 2009

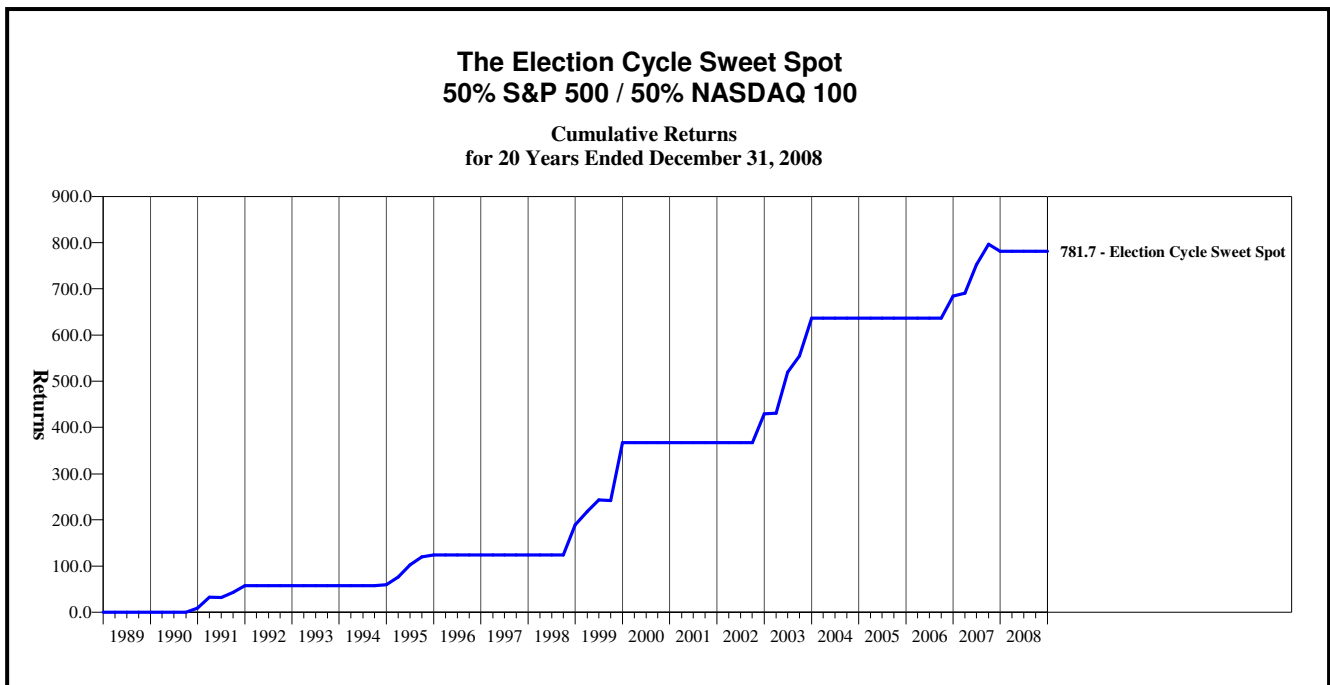
### Election Cycle Sweet Spot

Q4 Mid-Term Year, Q1-Q4 Pre-Election Year

**50% S&P 500 / 50% NASDAQ 100**

<b>Q4 1990 – Q1 1992</b>	<b>57.95%</b>
<b>Q4 1994 – Q1 1996</b>	<b>42.11%</b>
<b>Q4 1998 – Q1 2000</b>	<b>107.27%</b>
<b>Q4 2002 – Q1 2004</b>	<b>57.63%</b>
<b>Q4 2006 – Q1 2008</b>	<b>19.66%</b>

<b>Average:</b>	<b>56.92%</b>
<b>Cumulative Gain:</b>	<b>781.70% (as of 12/31/2008)</b>
<b>Cumulative Gain S&amp;P 500:</b>	<b>404.30% (as of 12/31/2008)</b>



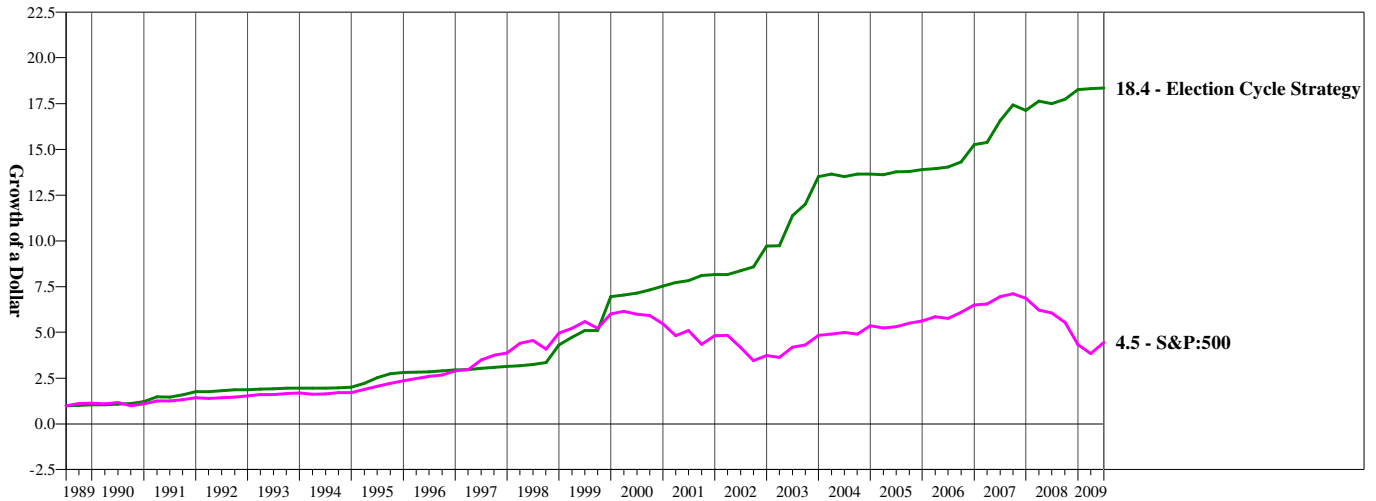
**Last down period: 1931 (S&P 500)**

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## Combining the Political Sweet Spot With Short-Term Bonds

**50% S&P 500 / 50% NASDAQ 100  
Invested During Sweet Spots  
+  
Barclays Capital 1-3 Year Treasury Index  
Invested Between Sweet Spots**

**Growth of a Dollar  
for 20 Years Ended June 30, 2009**



**Annual Returns for Calendar Years  
20 Years Ended June 30, 2009**

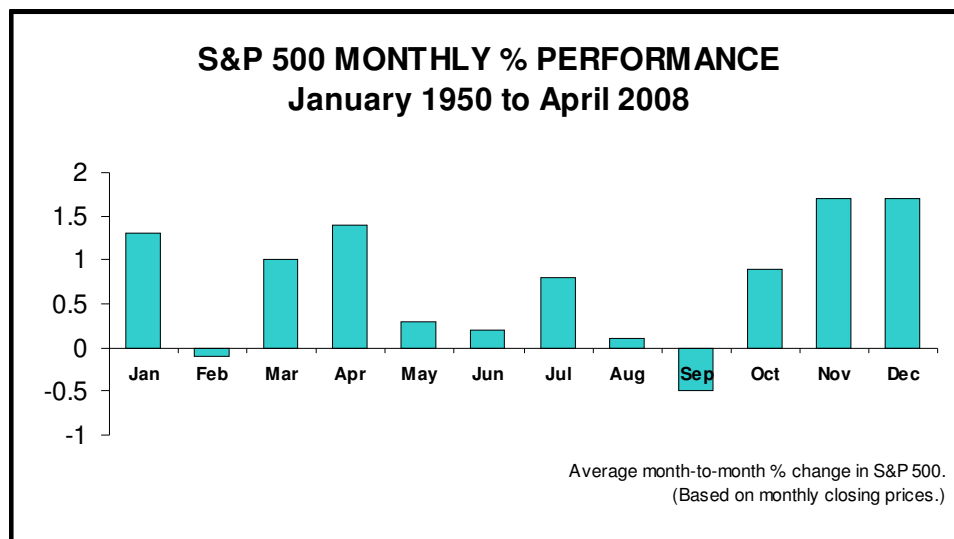
	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	
<b>Election Cycle Strategy</b>	0.47	6.62	12.34	9.80	1.71	1.08	39.06	19.05	8.50	8.16	61.55	36.83	6.64	5.08	40.28	1.81	5.37	6.24	44.93	15.84

A simple investment strategy is to own stocks (50% S&P 500/ 50% NASDAQ 100) during the sweet spot, and conservative short-term government bonds for the time periods between. The chart above shows the result of this strategy over a ten-year bullish period and a ten-year bearish period. The Election Cycle strategy produced a twenty-year average return of 15.7%, with no down years.

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## **Casino Factor #2 – Six-Month Annual “Dead Zone”**

Since World War II all of the aggregate gains of the stock market have been contained in the six months beginning in November and ending in early May. The period from early May to late October we call the market’s “dead zone”. Since 1949, this six-month period has been down 45% of the time, with the brunt of all bear markets occurring within its time span. The other six months, from November 1 to May 1, have enjoyed an average daily return 27.5 times greater than the days in the “dead zone”. To be sure, the “dead zone” is up 55% of the time, often spectacularly, but these gains have been offset by even larger losses, thereby giving the period a negative bias. Alpha avoids this period, except during the third year of the election cycle – the “political sweet spot”.



The “dead zone” is a global phenomenon. It shows up in 36 developed countries world-wide, often more dramatically than in the U.S. While its causes are not completely understood, the negative effect on the stock market is indisputable, as the next table demonstrates.

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## Dow Performance

### November 1 through Third Trading Day of May versus Fourth Trading Day of May through October 31 1949 - 2009

Start Bullish Period (Nov)	Percentage Gain	\$1,000	Start Bearish Period (May)	Percentage Gain	\$1,000	Start Bullish Period (Nov)	Percentage Gain	\$1,000	Start Bearish Period (May)	Percentage Gain	\$1,000
1949	14.1	1,141	1950	4.0	1,040	1979	0.1	7,469	1980	13.3	653
1950	16.9	1,334	1951	(0.3)	1,037	1980	5.2	7,856	1981	(12.3)	573
1951	(0.7)	1,325	1952	3.3	1,072	1981	0.2	7,874	1982	16.1	665
1952	3.3	1,369	1953	(0.9)	1,063	1982	22.3	9,628	1983	1.0	671
1953	15.3	1,578	1954	10.8	1,177	1983	(3.6)	9,285	1984	2.2	686
1954	20.0	1,894	1955	7.7	1,267	1984	3.3	9,591	1985	10.2	756
1955	13.0	2,140	1956	(6.6)	1,183	1985	30.5	12,519	1986	4.7	791
1956	3.7	2,219	1957	(11.4)	1,048	1986	24.5	15,588	1987	(14.7)	675
1957	4.6	2,320	1958	17.8	1,235	1987	2.1	15,923	1988	5.5	712
1958	15.2	2,674	1959	3.3	1,276	1988	11.4	17,739	1989	10.5	787
1959	(5.5)	2,526	1960	(5.0)	1,212	1989	1.9	18,081	1990	(9.4)	713
1960	18.7	2,999	1961	2.2	1,238	1990	20.3	21,757	1991	4.4	744
1961	(4.0)	2,878	1962	(12.7)	1,081	1991	9.5	23,815	1992	(4.0)	715
1962	21.8	3,504	1963	5.2	1,137	1992	6.9	25,460	1993	6.7	763
1963	9.5	3,835	1964	5.6	1,201	1993	0.5	25,578	1994	5.7	806
1964	6.8	4,095	1965	3.1	1,238	1994	11.9	28,622	1995	8.7	877
1965	(4.8)	3,899	1966	(11.8)	1,092	1995	15.2	32,971	1996	10.1	965
1966	11.1	4,332	1967	(1.9)	1,071	1996	19.6	39,447	1997	3.2	995
1967	4.5	4,527	1968	3.6	1,110	1997	22.9	48,487	1998	(6.1)	935
1968	0.7	4,558	1969	(10.7)	991	1998	27.5	61,823	1999	(2.1)	916
1969	(17.1)	3,779	1970	6.5	1,055	1999	(2.3)	60,384	2000	4.7	959
1970	24.1	4,688	1971	(10.5)	944	2000	(1.6)	59,424	2001	(15.9)	806
1971	11.3	5,216	1972	2.4	967	2001	10.3	65,523	2002	(16.1)	676
1972	(0.2)	5,207	1973	0.3	969	2002	1.6	66,573	2003	14.9	777
1973	(11.6)	4,605	1974	(21.3)	763	2003	5.2	70,036	2004	(2.7)	755
1974	28.6	5,920	1975	(2.3)	745	2004	3.6	72,531	2005	0.5	759
1975	18.0	6,985	1976	(2.2)	729	2005	9.2	79,202	2006	6.0	805
1976	(2.5)	6,809	1977	(13.0)	634	2006	9.6	89,811	2007	5.2	847
1977	1.3	6,897	1978	(4.4)	606	2007	(4.8)	82,666	2008	(28.5)	605
1978	8.2	7,464	1979	(4.9)	577						

(Source: Jay Kaepffel, *Seasonal Stock Market Trends*, Wiley, 2008)

### Sell in May – the “Dead Zone”

- The average daily gain from November to May was 27.4 times higher than the average daily gain of all other days.
- The annualized return of the best six months was 17.1%.
- The Dow posted a gain 81% of the time between November and May.
- The Dow posted a gain 55% of the time between May and November.
- A \$1,000 investment only during the November-to-May period grew to \$82,666.
- A \$1,000 investment only during the May-to-October period shrank to \$605.

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## **Casino Factor #3 – End-of-the-Year Effect on Small-Cap Stocks**

The months of November and December are the best months of the year for the stock market. This is due, in part, to the market's recovery from the "dead zone". In addition, Wall Street is pumping out the usual optimistic forecasts for the new year, which causes investors to perk up and invest in more speculative stocks, mostly smaller companies. In December, the Russell 2000 small-cap index averages a return of 2.8% (since 1979) vs. a 1.5% average return for the S&P 500. During this year-end period, there are three sub-periods – which we call "power periods" – when the Russell 2000 is consistently and powerfully profitable. Using special 1.5 beta index funds with no transaction charges, Alpha exploits these sub-periods which have been up about 90% of the time since the creation of the small-cap index in 1979.

<b>Russell 2000 Fourth Quarter Power Periods</b>					
Power Period One = Last two days of October, first two days of November					
Power Period Two = Last six days of November, first three days of December					
Power Period Three = Last seven days of December					
Year	Power Period One	Power Period Two	Power Period Three	Total Return	Total Return With 1.5 Beta
1979	2.37%	6.05%	1.85%	11.06%	16.60%
1980	1.33%	0.12%	2.16%	3.06%	5.40%
1981	3.11%	2.18%	0.12%	5.48%	8.40%
1982	2.72%	2.64%	2.30%	7.85%	12.00%
1983	-0.91%	0.73%	1.36%	1.17%	1.80%
1984	0.53%	-2.26%	0.79%	-1.00%	-1.50%
1985	1.02%	3.27%	1.58%	5.97%	9.20%
1986	1.18%	3.00%	-1.38%	2.77%	4.20%
1987	10.80%	-5.20%	0.49%	5.55%	8.40%
1988	0.21%	2.48%	1.98%	4.73%	7.20%
1989	0.17%	1.08%	3.33%	4.62%	7.10%
1990	0.55%	5.26%	1.24%	7.15%	11.00%
1991	1.08%	-0.17%	7.56%	8.53%	13.40%
1992	0.92%	2.89%	2.79%	6.73%	10.30%
1993	1.64%	1.16%	3.19%	6.09%	9.30%
1994	0.60%	-1.55%	3.99%	2.99%	4.60%
1995	2.17%	3.92%	3.22%	9.59%	15.00%
1996	0.55%	3.01%	1.82%	5.46%	8.40%
1997	1.73%	0.75%	3.99%	6.58%	10.00%
1998	4.27%	0.18%	4.93%	9.61%	14.90%
1999	3.70%	0.75%	5.95%	10.69%	16.70%
2000	5.58%	1.20%	5.48%	12.70%	18.70%
2001	0.88%	5.93%	1.37%	8.32%	12.90%
2002	4.91%	0.58%	-0.06%	5.45%	11.00%
2003	1.34%	3.72%	1.85%	7.05%	10.70%
2004	-0.29%	4.61%	0.84%	5.18%	8.00%
2005	5.21%	1.15%	0.09%	6.51%	9.90%
2006	-2.05%	0.72%	0.73%	-0.60%	-1.10%
2007	-2.86%	3.52%	1.39%	1.95%	2.30%
2008	10.86%	11.34%	5.13%	29.76%	38.60%

<b>1.5 BETA STATISTICS</b>	
Total Quarters = 30	Average Quarter Return = 9.7%
Losing Quarters = 2	Market Exposure = 8%
Win Rate = 93.3%	Total Return = 1580%
Largest Quarter Loss (1984) = -1.5%	R2000 B+H = 1162%
Largest Quarter Gain (2008) = 38.6%	Average Gain Per Trade = 3.26%

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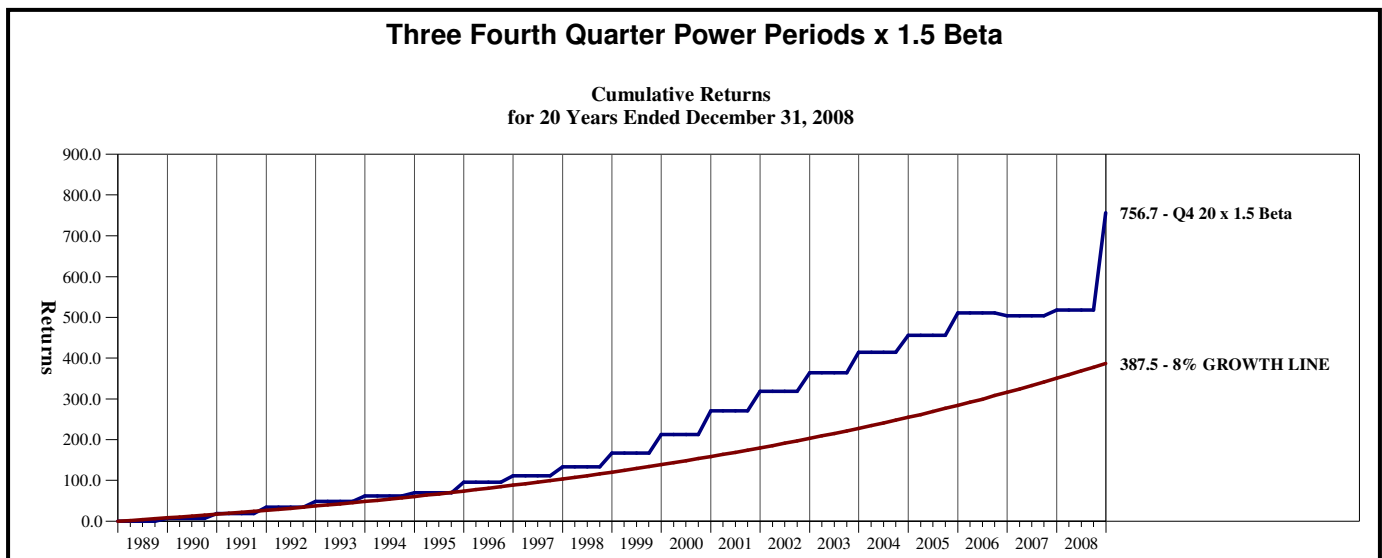
## 1989 – 2009

### Fourth Quarter Returns of Three “Power Periods” Using the Russell 2000 Index Raised to 1.5 Beta

**Power Period #1:** Last two days of October, first two days of November  
**Power Period #2:** Last six days of November, first three days of December  
**Power Period #3:** Last seven days of December

1989: 7.10%	1994: 4.60%	1999: 16.70%	2004: 8.00%
1990: 11.00%	1995: 15.00%	2000: 18.70%	2005: 9.90%
1991: 13.40%	1996: 8.40%	2001: 12.90%	2006: (1.10%)
1992: 10.30%	1997: 10.00%	2002: 11.00%	2007: 2.30%
1993: 9.30%	1998: 14.90%	2003: 10.70%	2008: 38.60%

**Total Return: 756.7%**  
**S&P 500 Total Return: 404.3%**



Over the past 20 years, the strategy of raising the beta of each power period to 1.5 has resulted in a return of 11.3% annually, without interest earned in the interim periods. Over the same period, the S&P 500 returned 7.3% annually.

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## Long-Term Investment Success

Alpha's investment objective is to grow capital smoothly and consistently over time without large losses. Specifically, we seek positive returns every year and long-term returns above 10% annually. To achieve these goals, we cannot be continuously invested in the stock market. A fully-invested continuous exposure to the stock market virtually guarantees large losses periodically, with no assurance of timely recovery of such losses.

By concentrating our strategies' equity exposure to those periods of time favored by these casino factors, and avoiding time periods with a negative or neutral bias, we minimize the risk of loss and maximize the probability of gains over time. By systematically taking the "good bets" and avoiding the "bad bets" we bring the law of probability to work on our clients' behalf, just as the casino operator does.

Of course, this type of investment method means that we will miss out on some periods when the market goes up. This is inevitable. Our casino factors set the "climate" for the market, they do not predict the "weather".

Since our objective is to make gains every year in the belief that this will eventually pay off in more substantial long-term returns than a buy-and-hold approach, sitting on the sidelines during these counter-trend market moves is simply the price that must be paid for the smooth, consistent growth of capital.

Alpha's strategies are carried out using no-load mutual funds and institutional index funds which have no transaction costs. When the odds of success are strongly in our favor, we accept risk in the stock market. When the casino factors skew the odds against the market, we withdraw to the relative safety of bonds, using no-load, top-ranked fixed-income funds.

