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It's probably worth mentioning here, too, that your market-timing focus is really short to intermediate term. You rarely look out beyond six months.
That's right.

Do you never feel lost in oceans of data?
No, all of this continuous discovery, historical testing, and rigorous assessment of data is for one purpose: Pursuing predictive, quantitative factors that directly or indirectly affect equity prices. That's the foundation of everything I do at GMI.

Let me emphasize, the last thing I look for are what Buffett has called "desert island" indicators — a single signal that would supposedly be all I'd need, if shipwrecked. No *one* indicator makes a difference for me. It's the combination of indicators that really gives me increased prognosticating power.

I guess another way to put it is that you actually embrace market complexity.
Yes, yes, yes. Correct. And I'm a big proponent of studying history — I've spent my whole career, finding every source imaginable. Reading countless books, ranging from Marty Zweig's "Winning on Wall Street," to Norman Fosback's "Stock Market Logic" to all of Ned Davis' guides. Everything I could find that involved quantitative indicators — not just opinions. There were many mentors in the beginning, then eventually you just take flight. I continue to look for new quantitative indicators, but these days the process tends to be more self-exploration than finding others who've discovered kernels. Really, when you have hundreds of indicators, all interacting, you can have literally an infinite number of setups. But you have to find which are significant, by applying your knowledge, understanding your indicators and comparing today's environment with the past.

Let's talk about how you've put all this together to make market calls. You weren't taken by surprise in 2007, I recall.
No, as early as May 2007, I started telling clients at Weeden and in my letters that defensive positioning was warranted. The S&P in that June declined by 1.8%. But my trading returns that month were a positive 0.8%. In July, the S&P fell by 3%, but my

trading account climbed by 4.1%. That August, the S&P got hammered, plunging 3.7%, but my trading account rose by 6.6%.

Some of the drivers / bullet points that I mentioned during that time in my research reports at Weeden included: Long- term yields moved to the highest level in five years, while the S&P was at an all-time high. Since the 1960's a move to a two- year high in long-term rates accompanied with the S&P at or near a two-year high had occurred seven other times. In those instances, the S&P one month later was fractionally lower and, over the following three months, was lower by nearly 4%.

So?
Later in August, I went so far as to put out an interim report — intra-week — which was something I hardly ever did. But I wanted to stress to clients that market risk had increased another notch in just a few short weeks. The weight of evidence suggested that market gains should become more difficult. Additionally, the earnings yield divided by bond yields, or the risk premium, was nearing zero. In fact, that ratio went to one of its lowest levels in the previous 10 years.

Then, as the month progressed, market structure just kept deteriorating. Recessionary risk over recent months had also steadily increased.

So based on my strategy's cornerstones — the monetary backdrop, valuations and market structure — I was fully expecting a worsening outlook. My record shows that I switched my allocation from an investment stance that summer — which was no longer appropriate — to a trading approach. And my results, which had been highly correlated to the market as it rallied into that summer, became inversely correlated to the market's as my warning signs mounted and then as the crisis hit.

You mentioned earlier that you weren't surprised in the beginning of 2016, like a lot of investors were, as the market suddenly turned south.
The S&P was vulnerable at that juncture, given the weakness in oil prices, the fragile macro backdrop and a topping process that had been etched over the prior six months. Nevertheless, after the pullback, market chatter was increasingly all about a recession. Our premise, based on our signals, was that we'd see a short-lived market decline, similar to those in other non-economic bear markets.

You didn't buy the gloom and doom?

Source: All tables courtesy of Goldman Management Inc. Past Performance is not necessarily indicative of future results.

S&P 500 Price Change VS GMIPA (excluding fees) "Yearly Market Call"						
Date	S&P ROR	GMI Gross	S&P WDD	GMI WDD	Diff in ROR	Diff in WDD
2002	-22.0%	23.2%	-29.0%	-5.2%	45.2%	-23.8%
2003	26.4%	55.7%	-4.4%	-2.0%	29.3%	-2.4%
2004	9.0%	10.4%	-3.2%	-6.3%	1.4%	3.1%
2005	3.0%	12.3%	-4.5%	-3.8%	9.3%	-0.7%
2006	13.6%	23.8%	-3.1%	-5.9%	10.2%	2.8%
2007	3.5%	5.7%	-5.2%	-7.0%	2.2%	1.8%
2008	-38.5%	10.9%	-34.0%	-4.3%	49.4%	-29.7%
2009	23.5%	22.5%	-18.6%	-11.8%	-1.0%	-6.8%
2010	12.8%	14.9%	-13.6%	-14.4%	2.1%	0.8%
2011	0.0%	5.3%	-14.8%	-6.3%	5.3%	-8.5%
2012	13.4%	7.8%	-7.0%	-6.2%	-5.6%	-0.8%
2013	29.6%	32.8%	-3.0%	-2.7%	3.2%	-0.3%
2014	11.4%	11.9%	-3.9%	-3.9%	0.5%	0.0%
2015	-0.7%	-0.5%	-8.9%	-5.9%	0.2%	-3.0%
2016	9.5%	9.8%	-5.5%	-3.9%	0.3%	-1.6%
AVG	4.7%	16.0%	-10.2%	-5.7%	11.3%	-4.5%

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view.

The trick is making sense of it all –

I will say this: I really study all that I can about the economy and the markets — then quantify all the data I find into a logical perspective. A logical perspective that can be called on to illuminate events as they are unfolding. In the summer of 2011, I found I couldn't sleep at night. Within a fortnight, short-term rates in Italy had shot up substantially, yet the markets were still eerily calm. But then I suddenly understood what that meant. So I lowered my exposure to the market by 80% — to 20% from 100% — while the S&P was still near its highs. It was just about understanding that worrisome logical sequence of events.

So Italy's rate spike tipped your scales?

Right. I had already been thinking that market upside was going to be challenging from there, given my indicators. Then we had that exogenous event. Again, it's about doing all the research and knowing and trusting your indicators. There's all sorts of noise in the markets all the time. But the collective wisdom of my indicators helps me separate out the noise and alerts me ahead of game-changing events.

You're pretty fully invested now, I take it?

Since I increased my exposure after the weekend before last fall's election, my allocation has held pretty steady at around 105% gross long.

So you're not leveraged to the gills, but you are more than fully invested.

Well, I'm expecting 5%, as I said, in the second half. But there's always a chance the wheels fall off the bus, given the political turmoil. And, in general, I think there's a certain fragileness — ever since since '09 — to the global economies. Something that wasn't there, prior to the financial crisis. Before that, one could feel much more confident in your indicators, solely based on domestic influences. Now, macro events have to be factored into the equation.

You've added a lot of international inputs?

Not exactly. I do have a mousetrap that I put together, regarding the global participation in key market indexes, as a subset of market internals now. And for a while a few years ago, I was waking up at 3:15 am to check on how Germany was doing. There were studies then that said a lot of the market gains that showed up in the futures later in the day originated in Germany in the wee hours. But mine is still a domestic strategy, based mostly on domestic indicators. Still, because of this fragileness in many global economies — which interact with our own somewhat

fragile economy, I can't have the same confidence I once had that all my factors will be as predictive. I'm having to take into consideration all sorts of nuances in the strategy that are exerted by exogenous events, whether in Greece or Italy, Spain or China, Japan or Korea. It's another level of concerns.

So that's why you're not leveraging way up?

Well, in answer to your earlier question, I don't think many investors are very anxious to see levered portfolios here. In fact, it makes them anxious.

Who isn't?

I could probably write a mini-thesis on all the reasons I have for my allocations where they are. But in terms of this market, as I said, there just aren't a lot of things causing me to worry —

You haven't mentioned debt levels.

Although rates are low, "too much debt" is a frequent rallying cry in the Street and in Congress.

Debt is high as a percentage of GDP. But there's usually a catalyst. In 2007, there was a financial catalyst. In 2002, there was an aneurism on the bubble in the valuations on technology stocks while the whole market was being held up by just a handful of large-cap tech stocks. In '98, there were tremendous structural problems in the market. And markets just tend to exhaust themselves, as well. Again, none of that is evident today.

In fact, much of the market looks just so — mundane — today, that it's a bit hard to get very animated about it. But that's part of what is giving it legs.

What I wonder about, Steve, is why you're not running billions, considering your track record – even if you are organized, unfashionably, as a CTA.

You're right, I suppose, I should be doing more to market my performance. But I have only so much bandwidth, and you know me, marketing isn't my thing. I'm still spending almost all my time slaving away, working on refining my process. I will say, too, that the scars many people carry around from 2000 and 2007-2008 are still affecting investor behavior. Probably will for at least a generation. And that makes it tough.

How much do you have in your fund and managed account program?

I have about \$60 million in AUM. Not as much as I'd like, clearly, and I *am* working to attract more investors. I will note that because I'm a CTA and my information is in a CTA database, it tends to be seen

