

The Power of Awards, Product Announcements to Boost Market Capitalization

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These are exciting times for product developers in many industries, not just for all the new technologies and capabilities being incorporating into new products and product lines these days, but also for the management science around the practices and processes used from creation through launch.

There is a long time lag from the initial concept, through funding and development, then waiting for several years of sales and profits to analyze the results. Four to a dozen years pass, depending on your product life cycle. Until big data and analytics first achieved critical mass a decade ago, it was hard to find good data sets to analyze. Moore's Law doubling rates these past ten years, coupled with ever-improving analytics and early AI capabilities, has really improved what can be researched. As well, these data are available to a much wider global audience of business researchers. We are entering a period where management science in research and development stands to blossom. Still far from a comprehensive understanding of the impacts of most decisions and techniques, multiple studies in related areas are beginning to emerge for many important R and D topics.

The impact of innovation announcements and awards on the stock price of public companies is an emerging area of study. The specifics around announcements can be quantified as can movements in stock prices. There are algorithms to adjust out the noise in measuring announcements and stock prices. Emerging science shows that the best increases are achieved by communicating your intent to develop a product to the marketplace in advance, and then achieving a product that is recognized in awards competitions. We're going to take a look at two studies, one that focused on announcements and the other that focused on awards. As of yet, a study beginning with product announcements and then winning awards

with those products has not been done. But there is an interesting study for each topic and you'll likely draw the conclusion that the two might go together nicely on a regular basis to increase market capitalization.

Product Announcements

The first study has been employed by leading practitioners for a number of years now ([Sood & Tellis, PDMA Visions, October 2009](#)) It is also a great example of a classic early study that explored a wide area to get at the general lay of the land. It explored the market impact of public product announcements beginning with product concepts through products in their early commercialization stage. Could the effects of announcements be seen in stock price movements and market cap? Many marque products are "announced" multiple times in many different ways by companies. How did the markets and stock price react to announcements during the various stages of development and launch? Which announcements generated the biggest market effect?

The Value of Product Announcements

As it turns out, markets react positively to announcements of innovations throughout development and early commercialization. There is an industry saying that there is no such thing as bad advertising. Well, there is evidently no such thing as a bad announcement, unless you over-promise or exaggerate. You had better deliver what you promise. As well, don't try to game the system. Markets can sense frequent blatant promotional announcements versus true product announcements. Surprisingly, which is not really intuitive given the primary industry practice of announcing and making a splash on products when they launch, the announcements that generate the largest market value are those during development describing the product that will be achieved in a few months or years time.

This subject is ripe for further study and exploration. There are different market responses for different industries. When each industry is able to determine the value of its market response to announcements, and the pipeline position, content, and method of distribution of the announcement is correlated with the response, marketing and advertising organizations will be able to develop specific announcement programs that will have the maximum effect on brand value.

A Bit of Management Science for Announcements & Awards

In addition to announcements, the study just discussed also measured the impact of awards. We're just going to skim the surface on the management science for the area of awards. There are dozens of award programs in the United States each year, and even more in the EU and Asia. Both studies discussed here were done on public companies listed on United States exchanges.

There are many different types of awards that likely have different market impacts: social benefit, product performance, market success, technological advancement, patent quality, design attractiveness, and more. As an example, in the United States, five well-known awards programs illustrate the range of awards. ([Goldense, Machine Design, February 2018](#))

Sood & Tellis did not differentiate on the market effects between the various categories of industry awards. Without distinguishing between categories, it turns out that announcements after a product is recognized by a "known industry award" had an even greater effect on market capitalization than did announcements during development. Winning an award had the largest positive effect.

Our second study is specific to "design attractiveness" awards. Its findings on the value of awards really can't be compared to the first study, but they both point in the same direction regarding awards. Design attractiveness is the subset of awards programs that include industrial design, aesthetics, and usability. Limited only to studying design attractiveness awards and not development-related announcements, this study examined only award announcements that occurred after launch. It did not look at product announcements in the pipeline.

As the management science on the value of announcements and awards progresses, more studies will occur in the years ahead. Early adopters will garner the ability to better gauge the content and timing of pipeline-related announcements, and have specific strategies and budgets for awards programs.

Product Awards

The second study looked at stock returns of 264 announcements of awards for design attractiveness of commercialized products from 1998 through 2011 ([S+B, PwC, Spring 2017](#)) citing journal published research ([Xia, POM, June 2016](#)) and experience. Without having to address the breadth of announcements from concept through awards, the second could more deeply explore the actual market reaction to award-winning designs for a fairly specific group of design attractiveness awards. Events move stock markets around daily and there is a lot of noise that has to be taken out of the data. Its focus was to look at the effect on the stock price for a two-day period after an award-winning announcement. This doesn't imply any permanency to either market cap increases or decreases, but it does begin to set the stage for companies to explore a coordinated operational (announcement and) program to be recognized by awards for marque products.

The Value of Product Awards

You may have anticipated that this second study also found that there was a positive relationship between awards and stock price increases. Regardless of company size, market impact was tangible. Not surprisingly, the market impact was larger for small and mid-size companies. As well, awards for consumer-style designs had greater market increases than did industrial products. Consumer product design decisions are anticipated to be influenced by this significantly correlating finding.



After clearing known noise from the findings, and looking at all results across industrial and consumer, it turns out that stock price increases following an announcement of being recognized with a design award ranged from .95 percent to 1.02 percent. In simple language, a 1 percent rise in company stock price was achieved by announcing a design award on a single product. When you can measure a product's success at a corporate level, you can be sure it definitely is big for your program's return-on-investment.

Combining Announcements & Awards

These two studies together make a compelling case that performance-to-promise, and/or winning an award, will have a positive effect on market cap if they are done in a coordinated way and not overdone. As the management science evolves,

companies will more carefully and specifically manage product announcements during development, focus on specifically delivering or overdelivering on what they promised, and purposely compete in awards competitions.

As more companies do it, and it all comes to rest in big data repositories that are increasingly available to corporate researchers, who increasingly realize they can improve market capitalization by knowing how to optimize investments in announcements and awards, the management science will evolve and refine as it does for science and technology.

This bodes well for awards programs. It also bodes well for companies. Great corporate cultures are achieved by achieving the confidence to walk the talk by announcing your intent, delivering on it, and then winning an award for it. The value of the company is boosted, the value of the innovators and managers that did it is boosted, and success incents success.

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