OUT OF THE SHADOWS: REQUIRING
STRATEGIC MANAGEMENT DISCLOSURE

Nadelle Grossman

Under federal securities laws and related regulations, public companies must disclose a host of information about their risk management processes to protect firm value. By contrast, these companies need not disclose virtually anything about their strategic management processes to generate firm value. As a result, investors are given a lopsided picture of firm processes to create value, undermining one of the federal securities laws’ central purposes of ensuring that investors receive complete information about public firms.

To address this concern, I propose that the Securities and Exchange Commission require public firms to disclose those qualities of their strategic management processes equivalent to disclosures required about their risk management processes. I also propose that firms disclose how those two processes relate to one another. This new disclosure would encourage firms to design and implement their risk and strategic management processes in an integrated, holistic fashion, consistent with Enterprise Risk Management. It would also reinforce the reality that the path to long-term success for a firm lies not merely with managing its risks, but also with formulating and implementing an effective strategy for growth—a process that unfortunately may suffer from
neglect amidst the box-checking exercise that flows from compliance with scores of risk-based regulations.
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I. INTRODUCTION

Apple Inc.’s revival is fabled. Despite almost going bankrupt in 1996, Apple is averaging roughly $4 billion in profits a month.\(^1\) In addition, it is expected to continue to grow by taking advantage of several new technological trends.\(^2\)

How has Apple done it? How has it transformed itself into a successful company that consistently creates, markets, and sells innovative new products?

* Assistant Professor, Marquette University Law School. I would like to thank Ed Fallone, Kali Murray and Michael O’Hear for their invaluable input on this article. I would also like to thank Jeff Benson, Ryan Kehl, Michael Koutnik, Emily Krambs, Francisco (Paco) Quiroz and Drew Walgreen for their excellent research assistance in connection with this and related articles. Finally, I would like to thank my husband Brendan Daly for his love and support throughout the research and writing process.


\(^2\) Id.
Many business experts attribute Apple’s success in part to its ability to innovate alongside its ability to effectively execute its business strategy.\(^3\) Specifically, “[a]t Apple there is never any confusion as to who is responsible for what.”\(^4\) This “accountability mindset,” coupled with a simple organizational structure that is fashioned around function rather than division, allows Apple to act nimbly to develop innovative responses to new business opportunities.\(^5\)

Despite the important role executing a strategy can play in a firm’s success, many companies give this aspect of their strategic management process short shrift. In fact, according to numerous business commentators, one of the primary reasons why companies fail is that they devote insufficient resources to executing their strategies.\(^6\)

Of course companies languish not only because they fail to effectively execute their strategies, but also because they fail to adopt effective strategies at the outset.\(^7\) And failed strategies, too, can be the result of a defective strategic


\(^5\) Id.

\(^6\) See infra note 52 and accompanying text.

\(^7\) See discussion infra Section II.A.
management process. For example, while Research in Motion Ltd. (RIM) once dominated the U.S. smart phone market, recently it has suffered a series of embarrassments, including a disastrous launch of its tablet and delayed shipment of its new Blackberry smartphone. These disasters were due in part to RIM’s failure to commit, in setting its strategy, as to who its products were created for—corporate users or individual consumers. As a result, RIM’s products and marketing message were schizophrenic, inevitably leading to a strategy that has been ineffectual at preserving the company’s competitive position.

Securities laws may in part be driving firms’ neglect of these strategic management processes. That is because securities laws virtually ignore this critical firm process. In particular, securities laws do not require firms to disclose anything about the process through which they formulate, execute, or revise their strategies, together referred to as the strategic management process. As a result, investors are left trying to estimate a firm’s value, as well as judge management’s

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10 See discussion infra Section III.B.1.
effectiveness, without having a good sense for the firm’s process for creating wealth.

In contrast, federal securities laws increasingly call for disclosure about firm processes to protect value through managing downside risk.\textsuperscript{11} For example, in the wake of the accounting scandals at the turn of the twenty-first century and pursuant to a directive included in the Sarbanes-Oxley Act of 2002, the Securities and Exchange Commission (SEC) adopted rules requiring managers to annually assess and report on their firm’s internal control over financial reporting.\textsuperscript{12} As a result of those rules, firms must have in place processes to reduce or eliminate those operational risks that might cause financial reports to not accurately reflect a firm’s financial condition. Similarly, on the heels of the financial crisis, the SEC passed a rule requiring public firms to disclose the role of their boards in overseeing firm processes for managing risk.\textsuperscript{13} That rule prods firms to be more deliberate and transparent in their design of risk-management oversight processes, and forces boards to actually perform oversight as disclosed to avoid potential securities law anti-fraud liability. Yet neither of these new rules even

\textsuperscript{11} See discussion infra Section III.B.2.

\textsuperscript{12} See infra notes 198–200 and accompanying text.

\textsuperscript{13} See infra note 222 and accompanying text.
contemplates disclosure about related strategic management processes, such as the board’s role in overseeing a firm’s formulation or execution of its strategy.

In addition to prodding firms to implement risk-management practices, these rules enable investors to draw some conclusions about a firm’s exposure to risk beyond the vast—though still incomplete—information they receive about specific firm risks.\(^{14}\) That information, then, aids those investors in calculating firm value.\(^{15}\) Moreover, that information allows investors to monitor managers to ensure they in fact perform disclosed risk management processes. Thus, such disclosure also helps investors hold managers accountable. In contrast, no such legal prods exist as to firm processes to create or implement innovative strategies for wealth creation.

This mismatch in the law’s treatment of strategic and risk management is mirrored by a similar imbalance in legal scholarship. In particular, there is almost no discussion in legal scholarship about strategic management apart from an article I previously wrote on the subject.\(^{16}\) In contrast, there is an active dialogue

\(^{14}\) The information is incomplete because it fails to include the probability or estimated magnitude of disclosed risks. See discussion *infra* Section III.A.2.

\(^{15}\) See *infra* notes 74 & 139 and accompanying text.

ensuing in corporate governance scholarship about risk management. Thus there is an all-around dearth of public dialogue on long-term strategic management and how the laws that support those processes—in addition to those the law and strategy. For example, several articles discuss how law compliance can give a firm a competitive advantage. See, e.g., Constance E. Bagley, What’s Law Got to Do With It?: Integrating Law and Strategy, 47 AM. BUS. L.J. 587 (2010); George J. Siedel & Helena Haapio, Using Proactive Law for Competitive Advantage, 47 AM. BUS. L.J. 641 (2010). However, because these articles do not focus on the strategic management process, they fall outside of the scope of papers I refer to here.

17 See, e.g., Stephen M. Bainbridge, Caremark and Enterprise Risk Management, 34 J. CORP. L. 967, 982 (2009) (stating that an effective risk management program can prevent risks from occurring and limit the impact of risks that occur); Robert T. Miller, Oversight Liability for Risk-Management Failures at Financial Firms, 84 S. CAL. L. REV. 47, 87–102 (2010) (illustrating the importance of risk management by using Citigroup’s financial struggles during the 2008–09 subprime mortgage crisis as an example of risk management failure); Eric J. Pan, Rethinking the Board’s Duty to Monitor: A Critical Assessment of the Delaware Doctrine, 38 FLA. ST. U. L. REV. 209, 216 – 17 (2011) (arguing that risk management is a corporate governance issue and that a board’s fiduciary duty to monitor should be more robust so as to require investment in risk management systems); Betty Simkins & Steven A. Ramirez, Enterprise-Wide Risk Management and Corporate Governance, 39 LOY. U. CHI. L.J. 571, 583 – 84 (2008) (stating that enterprise-wide risk management can enhance firm value partly because securities rating services, including Moody’s and S&P, have started to incorporate risk management into their ratings methodology).
that support the risk management process—can and should help firms be more successful over time.

The mismatch in treatment of strategic and risk management processes is concerning for a number of reasons. First, it undermines one of the primary purposes of the federal securities laws, which is to protect investors and prospective investors by ensuring that they receive complete, timely, and accurate information about public firms.\textsuperscript{18} It is hard to argue that investors are completely informed about public firms when those firms are free to not even mention the existence of processes to create wealth. In fact, the absence of such disclosure, coupled with information about processes to manage risk, could give investors a misleading picture into firm processes to create value.\textsuperscript{19}

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\textsuperscript{18} See Securities Act of 1933, Pub. L. No. 22, 48 Stat. 74 (1933) (“An Act to provide full and fair disclosure of the character of securities sold in interstate and foreign commerce and through the mails, and to prevent frauds in the sale thereof…”)(emphasis added); Securities Exchange Act of 1934, § 2, 15 U.S.C. § 78b (2006) (“[T]ransactions in securities as commonly conducted upon securities exchanges and over-the-counter markets are affected with the national public interest which makes it necessary to provide for regulation and control of such transactions . . . including . . . to insure the maintenance of fair and honest markets in such transactions.’’); see also Susannah Kim Ripken, \textit{The Dangers and Drawbacks of the Disclosure Antidote: Toward a More Substantive Approach to Securities Regulation}, 58 BAYLOR L. REV. 139, 150 – 51 (2006) [hereinafter Ripken, \textit{Disclosure Antidote}].

\textsuperscript{19} See discussion infra Section IV.A.
\end{flushleft}
There are other consequences that also flow from such a lopsided disclosure regime. For example, the absence of disclosure of processes to manage strategy, especially as compared to processes to manage risk, undoubtedly leaves boards and officers with the impression that the former is more important than the latter. That might, in turn, lead them to devote more resources to risk-based processes that are cast in sunlight and fewer resources to strategic-based processes that remain in the shadow. If true, this would be particularly troubling, as the path to long-term success for firms lay not merely with managing risk of loss, but also with engaging in the companion exercise of formulating and executing an effective strategy for innovation and growth. Moreover, there is a risk that boards and officers will be so tied up checking the boxes to comply with risk-based regulations that they simply will not have time to create and execute on an effective strategy for growth.

To address these and related concerns, I propose that the SEC require public firms to disclose those aspects of their strategic management processes consistent with what firms disclose about their risk management processes. In addition, firms should have to disclose the relationship between their risk and strategic management processes so that investors are able to better understand the connection between the two, and how they operate together to create firm value.

See discussion infra Section IV.A.
For example, under my proposal, firms would need to not only disclose the role of their boards in overseeing the management of risk, as they currently must do,\(^\text{21}\) but also the role of their boards in overseeing the management of strategy. Moreover, firms would have to disclose how each of these functions affected the board’s performance of the other function.

Such disclosure would not only give investors a more balanced picture of firm processes to create value, but also allow them to better value a firm based on the level of board and managerial engagement in those processes. That disclosure would also hopefully send the message to boards and officers that strategic management processes are as important in creating value as risk management processes, and that both processes need to be undertaken in a systematic, coordinated way in the interest of investors. In fact, it is precisely because of the valuable impact that risk management disclosures have had on corporate conduct that the SEC should mandate disclosure of the related value-creating process of strategic management.

While there is some hope that firms already effectively formulate and execute on their strategies, and that accountability to investors through mandated disclosure is not necessary, that same argument would also seem to counter the need for disclosure of risk management processes, as both processes aim at

\(^{21}\) See infra note 222 and accompanying text.
creating value. Yet, recent events have revealed the absence of adequate risk management despite the apparent incentive to already engage in an effective process. In fact, strategic management, just like risk management, is vulnerable to manipulation by short-term thinkers, who focus more on meeting or beating earnings forecasts than creating sustained value.\textsuperscript{22} Moreover, the numerous instances of defective strategic management processes\textsuperscript{23} belie the proper functioning of strategic management processes more generally. Thus, disclosure of strategic management processes can help investors ensure that the firms they invest in are being operated in a way designed to create long-term value, in addition to providing them with valuable information for valuation and accountability purposes.

The rest of this article proceeds as follows: first, Part II provides an overview of strategic management, including how that process relates to risk management. That discussion also reveals the benefits to firms of engaging in strategic management in their search for wealth creation. Next, Part III discusses

\textsuperscript{22} See Judith F. Samuelson & Lynn A. Stout, Op-Ed., \textit{Are Executives Paid Too Much?}, \textit{WALL ST. J.}, Feb. 26, 2009, at A13 (arguing that one of the causes of myopia is investors’ preoccupation with quarterly earnings forecasts and short-term share price changes, given their inability “to gauge whether a company is making sound, long-term investments by training employees, improving customer service, or developing promising new products”).

\textsuperscript{23} See discussion \textit{infra} Part II.A.
the impact of securities laws on firms’ management of strategy and risk. That discussion considers legal requirements not only on strategic and risk management processes, but also on substantive disclosure of strategy and risk, for such substantive disclosure inevitably underlies the design of firm processes to manage strategy and risk. As that discussion shows, public firms are required to make substantial disclosures as to their risk and processes to manage risk. In contrast, they need not disclose virtually anything at all about their strategies or processes to manage strategy. While there are good reasons to not require firms to disclose their strategies, including the need to protect the secrecy of such plans from competitors, as I argue in Part IV, the same arguments do not necessarily preclude disclosure about strategic management processes. And, providing a more balanced picture of firm processes to create value could signal to managers and directors that strategic management processes are as important to value-creation as risk management. Thus, as I propose in Part IV, the SEC should mandate that public firms both disclose information about their strategic management processes that corresponds with information provided about risk management processes, and explain how those two processes mesh together to create firm value.

II. STRATEGIC MANAGEMENT OVERVIEW
A business must constantly innovate to survive over time. Innovation refers not merely to the invention of new or improved products, but also to the creation of more effective services, processes, methods, and systems. Modern-day Apple Inc. is an excellent example of a company that has excelled as a result of innovation. For example, in 2001, Apple released the iPod, an innovative way to listen to a library of music on the go. It then launched the iTunes Music Store in 2003, which revolutionized the way in which people purchased and could use music. However, Apple did not stop there; it subsequently saw an opportunity to transform the way people use their mobile phones by integrating

24 TONY DAVID ET AL., MAKING INNOVATION WORK: HOW TO MANAGE IT, MEASURE IT, AND PROFIT FROM IT 6 (2006).

25 Id. at 36.

26 Id. at 18.


them into everyday life.\textsuperscript{29} Thus Apple took an existing product—the mobile phone—and reinvented it the “right way.”\textsuperscript{30} And the list goes on.\textsuperscript{31}

Yet innovation cannot happen without management systems designed to foster that innovation and turn it into value.\textsuperscript{32} Strategic management is one of these key management systems.\textsuperscript{33} More generally, strategic management refers to the process of managing a firm in a way that maintains its competitiveness.\textsuperscript{34} Managing a firm strategically is critical to its survival in a market economy, as competitors are always on the look-out for ways to increase their market share,


\textsuperscript{30} Nabeem Hashem, \textit{Apple iPad: Innovation?}, YALE ECON. REV., available at http://www.yaleeconomicreview.com/component/content/article/20/110.

\textsuperscript{31} One might include the iPad on this list of subsequent ground-breaking innovations. See Apple Inc., \textit{Apple Launches iPad}, Jan. 27, 2010, available at http://www.apple.com/pr/library/2010/01/27Apple-Launches-iPad.html. But see Hashem, supra note 30 (questioning the utility of the iPad).

\textsuperscript{32} DAVILA ET AL., supra note 24, at 119.

\textsuperscript{33} Bruce R. Barringer & Allen D. Bluedorn, \textit{The Relationship Between Corporate Entrepreneurship and Strategic Management}, 20 STRATEGIC MGMT. J. 421, 421 (1999) (“Among the management practices believed to facilitate entrepreneurial behavior are a firm’s strategic management practices.”).

even at the expense of their competitors. As a result, a firm must always have its eyes set on the future, and have in place a process that guides it down the path toward wealth creation from innovation.

Many business commentators describe a three-stage process for strategic management: first, the formulation stage; second, the implementation or execution stage; and third, the review and revision stage. Section A discusses each of these stages, in turn. Section A also explains the essential role risk management plays in managing a firm’s strategy. Then, Section B explains the benefits to a firm of effectively managing its strategy.

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35 Id.

36 Id. In reality, there is often no clear demarcation between these stages, and these stages are performed along a continuum rather than in discrete steps. However it is useful to think of strategic management in stages to better understand the different components of the process, as well as to see how each component of the process enhances a firm’s ability to compete.

37 This discussion is an abbreviated review of strategic management processes, which I explained in more detail in a prior article. Id. at 8 – 22. In the prior article, I argued that officers and directors should have a fiduciary duty to oversee a firm’s strategic management process. Id. at 51. This article complements that proposal by suggesting how federal securities laws can be changes to ensure shareholders receive more information about a firm’s strategic management process. With this information, shareholders would be better able to enforce such board duties.
A. Strategic Management Process

1. Formulation Stage

The first stage of strategic management is the formulation stage.\(^{38}\) During this stage, planners formulate qualitative and quantitative objectives for the firm to achieve over the long-term.\(^ {39}\) Planners at this stage also formulate a strategy—or roadmap—for achieving those qualitative and quantitative objectives in light of the firm’s competitive advantage and environment, its weaknesses, its resources and other constraints, and potential future threats and opportunities, all while taking into account the desired level of, and tolerance for, risk.\(^ {40}\) Ultimately the goal at this stage is to devise a strategic plan (comprised of both those objectives and the strategy) that, if implemented, will create optimal wealth for the firm in light of its existing qualities and environment as well as anticipated future events and circumstances.\(^ {41}\)

The management of risk plays an important role in the formulation stage, for managers cannot select an optimal strategy without identifying, assessing, and

\(^{38}\) Id. at 8.

\(^{39}\) Id. at 9.

\(^{40}\) Id. at 11 – 12.

\(^{41}\) Id.
measuring the risk effects of potential strategies. However, the formulation of strategy is by no means limited to the consideration of risk. Rather, managers must consider everything that can impact a firm’s competitiveness, from its strengths to its weaknesses, and everything in between, in creating a strategic plan. Therefore, while risk-based considerations are an important determinant of a firm’s strategy, they alone do not dictate a firm’s strategic choice.

There are numerous pitfalls that belie firms in the formulation phase. For example, according to numerous academic commentators, one hazard that undermines the effectiveness of a firm’s planning efforts is the failure to get everyone involved who should be involved in creating a plan. For example, a company might fail to include lower-level managers in its planning, which could lead senior executives to adopt a plan that is simply unrealistic for lower-level employees to implement.

\[42\text{ Id. at 13.}\]
\[43\text{ See Lawrence G. Hrebiniak, Obstacles to Effective Strategy Implementation, 35 \textit{Organizational Dynamics} 12, 13 (2006) (all levels of management from "C-level managers on down must commit to and own the strategy.").}\]
\[44\text{ See Harvard Business School Press & Soc’y for Human Res. Mgmt., The Essentials of Strategy 109–10 (2006) ("every manager and every employee in a company—from the executive suite to the loading dock—must participate in implementation if the organization’s strategy is to succeed.").}\]
GM exemplifies another common hazard of the formulation stage. For years GM failed to revise its strategy to respond to emergent competition from foreign companies.\textsuperscript{45} Instead GM blindly assumed for planning purposes that the entry of foreign competitors into the U.S. car market was only temporary, and that customers would stick with the GM brand despite having an inferior and more expensive product.\textsuperscript{46} Making such unreasonable assumptions about the future undermines the effectiveness of a firm’s planning efforts, for that process depends on the making of realistic assumptions about the future based on all available information.\textsuperscript{47} Without being based on realistic, informed assumptions, a firm’s strategic plan is simply not worth the paper it is written on.

2. Implementation Stage

The next stage in the strategic management process is the strategy implementation stage.\textsuperscript{48} In this stage, employees throughout a firm—from the highest executives to the employees in the deepest recesses of the firm—make decisions and discharge tasks in furtherance of the selected strategy.\textsuperscript{49} Because


\textsuperscript{46} Id. at 17.

\textsuperscript{47} Id.

\textsuperscript{48} Id. at 18.

\textsuperscript{49} Id.
employees throughout a firm are charged with implementing strategy, all managers, including lower-level managers, supervise some aspect of implementation.50

Here, too, the management of risk plays an important role, for a firm must implement measures to respond to risks that crop up while the strategy is being implemented.51 In addition, a firm must have a control system in place to prevent the continued implementation of a strategy once a change occurs that threatens the firm’s achievement of the objectives in its plan. Yet here, again, risk management does not alone set out a framework for the implementation of strategy. Rather, it bolsters the process to help the firm create value.

Companies experience many challenges at this stage, too. In particular, numerous commentators have found that firms often devote insufficient resources to the implementation of their strategies.52 As a result, firms are often ineffective at implementing their strategies.53 That means that many firms only realize a fraction of the value they might otherwise realize from their plans.54

50 Id.
51 Id. at 19.
52 Id.
53 Id.
54 Id.
3. Evaluation and Revision Stage

Finally, in the third stage of strategic management, managers evaluate whether the firm is successfully implementing its strategy and is marching down a path toward achieving its objectives.\(^55\) If a firm’s strategy is not effectively leading the firm toward its objectives, planners must reformulate the strategy, or the firm’s objectives, or both, so that it does.\(^56\) Moreover, as the future comes to pass, a firm might be presented with new opportunities and face new threats.\(^57\) These changed circumstances might also call for a change in a firm’s strategic plan.\(^58\)

As with the other stages in strategic management, the evaluation and revision of firm strategy can only be effective when it occurs alongside a properly functioning risk management process, for it is the latter process that helps a firm identify the emergence of new risks (and opportunities).\(^59\) That process, then,

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\(^{55}\) *Id.* at 20.

\(^{56}\) *Id.*

\(^{57}\) *Id.*

\(^{58}\) *Id.*

\(^{59}\) While the term “risk” technically includes up-side risk, or the possibility that returns will be greater than expected, as well as down-side risk, or the possibility that returns will be lower than expected, most legal commentators view risk solely in its down-side sense. *Id.* at 13. However, as
feeds information about risks (and opportunities) back into the strategic management process so that a firm’s strategic plan can be properly evaluated and revised as necessary. Yet as with the other strategic management stages, the management of risk does not alone set out a framework for the revision of strategy.

At this stage, too, strategic management scholars have found firm processes lacking. In particular, they have found that companies often collapse because of their failure to adapt their plans to changed circumstances.60 In addition to its earlier discussed failure at the formulation stage, GM is often cited as an example of failure at the revision stage. Specifically, GM failed to modify its strategy to address a new competitive landscape after foreign car manufacturers began selling cheaper, more fuel-efficient cars in the U.S.61 As a result, over time GM’s strategy—once driving it down a path toward immense

the discussion in Part III shows, for purposes of federal securities laws, the term “risk” is typically thought to only refer to down-side risk.

60 Id. at 21. Another pitfall at this stage is a firm’s failure to provide to the board and managers the information they need to determine whether the firm is achieving non-financial goals. See DAVID LARCKER & BRIAN TAYAN, CORPORATE GOVERNANCE MATTERS: A CLOSER LOOK AT ORGANIZATIONAL CHOICES AND THEIR CONSEQUENCES 185 (FT Press 2011).

profitability—left GM at the brink of insolvency and in need of a substantial infusion of taxpayer money for its very survival.

B. Benefits of Strategic Management

There are numerous benefits to engaging in a deliberate strategic management process.

For one, managing strategy causes a firm to be calculated and intentional in planning out its future. In that way, a firm takes control over its future, rather than merely succumbing to the unguided and uncoordinated decisions of its managers and employees.

Another benefit is that it helps a firm create useful benchmarks for purposes of incentivizing and rewarding its employees. In particular, because all firm efforts are supposed to be dedicated to the achievement of firm objectives, incentive compensation of managers and other employees can be tied to the achievement of those objectives, or sub-objectives designed to lead the firm to achieve its overall objectives. Managerial compensation can also be tied to effective implementation of specific strategic steps.

62 Id. at 24.
63 Id.
64 Id.
65 Id.
Managing a firm strategically also helps combat short-termism, or the drive to generate short-term results rather than sustained value.\textsuperscript{67} That is because a firm formulates and implements a strategic plan to map out and then pursue a path to create sustained value.\textsuperscript{68} As such, a firm with long-term objectives and a strategy to achieve those objectives would likely use those benchmarks, rather than the latest earnings forecast, to guide internal decisions and tasks.

Still, strategic management is no panacea for short-termism. That is because there are a number of reasons why firms are myopic apart from deficient strategic management processes. In fact, firms might give short-shrift to strategic management efforts because of pressures on them to act myopically.

One of the primary reasons why firms act myopically is because their publicly disclosed information does not reflect their long-term values.\textsuperscript{69} For example, financial reporting obligations focus on past transactions rather than the sources of a firm’s value going forward.\textsuperscript{70} Additionally, reporting obligations are largely tied to accounting book value, which has very little to do with a firm’s

\textsuperscript{66} Id.

\textsuperscript{67} Id. at 24.

\textsuperscript{68} Id.

\textsuperscript{69} See Lynne Dallas, \textit{Short-termism, the Financial Crisis and Corporate Governance}, 37 J. CORP. L. 265, 324 (2011) [hereinafter Dallas, \textit{Short-termism}].

\textsuperscript{70} Id. This is discussed in more detail in Part III, \textit{infra}. 
value.\textsuperscript{71} For instance, despite the fact that a firm’s intangible assets, such as its patents and trademarks, contribute significantly to its value, under accounting rules the firm’s investments in these assets must be expensed rather than capitalized.\textsuperscript{72} As a result, firms have an incentive to diminish their investments in these value-creating assets to increase their reported earnings.\textsuperscript{73} Thus, the short-term information that firms provide might actually lead to more myopic practices.

Professor Lynne Dallas has advanced a number of thoughtful proposals to give investors a better sense for the value of a firm based on its risk-adjusted expected future cash flows, for that is often the best way to calculate a firm’s true value.\textsuperscript{74} However, as those proposals reflect, firms can only provide investors with so much information about their operations into the future without potentially risking the secrecy, and in turn value, of their strategic plans.\textsuperscript{75}

\textsuperscript{71} See Dallas, \textit{Short-termism, supra} note 69, at 324.

\textsuperscript{72} Id. at 326.

\textsuperscript{73} Id.

\textsuperscript{74} Id. at 327.

\textsuperscript{75} See id. (excluding any proposal that firms disclose their strategies, and instead supporting a proposal that would provide a statement of cash flows separately from that for cash flow accruals to provide investors with separate information on historic cash flows and projected cash flow prospects).
Those same concerns do not, however, dictate a lack of transparency into strategic management *processes*, which is information that could help investors determine the level of firm commitment to processes to create sustained wealth. That information could, in turn, give investors some sense for a firm’s wealth-creating potential without compromising the confidentiality of its strategy. Yet, as I show in the next Part, federal securities laws do not currently require disclosure of any aspect of firm processes to manage strategy. That might further feed investors’ reliance on historic and short-term focused information for calculating a firm’s wealth-generating potential.

Still, there are downsides associated with instituting a strategic management process. For one, to the extent a firm puts in place a rigid process, managers might not feel at liberty to diverge from that process, for example, to identify new opportunities outside of a firm’s traditional business line.\(^{76}\) Thus managers can in a sense become captured by the strategic management process. While this is indeed a risk, an effectively thought-out process should not be so rigid as to preclude the pursuit of new opportunities.\(^{77}\) In fact, the process should encourage the reconsideration of alternative strategies whenever an internal or external change warrants that.

\(^{76}\) *Id.* at 27 – 28.

\(^{77}\) See *id.*
Similarly, where a firm has a strategic management process in place, managers might feel that the strategy that resulted from that process is set in stone.\textsuperscript{78} Moreover, managers might not be able to envision an alternate path.\textsuperscript{79} Once again, such over-attachment to a firm’s current strategy can be combated by putting in place an effective system of strategy review and revision, which are triggered upon any change in the internal or external factors driving the firm’s strategic choice.\textsuperscript{80} Thus, having an effective strategic management process could actually prevent such over-attachment, which might otherwise occur without such a formalized process.

Another commonly expressed downside to instituting a formal strategic management process is that putting in place and implementing such a process can take time, energy and resources, especially of top-level officers.\textsuperscript{81} However, these costs should be outweighed by the benefits of having in place a well thought-out process that hopefully leads to the firm’s adoption and then implementation of a winning strategy.\textsuperscript{82} That process, then, can complement managers’ intuition and judgment, to lead to better decisions.\textsuperscript{83}

\textsuperscript{78} See id.

\textsuperscript{79} Id.

\textsuperscript{80} Id. at 28.

\textsuperscript{81} Id. at 27.

\textsuperscript{82} Id.
III. DISCLOSURES OF STRATEGY AND RISK

As the preceding discussion explained, there is a strong, interdependent relationship between risk and strategic management processes. That discussion also explained how both processes contribute to a firm’s creation of value, where the former process focuses on protecting value and the latter process focuses on creating value by generating wealth.

Despite that integral relationship and singular purpose, risk and strategy, as well as the processes to manage risk and strategy, are treated like polar opposites under federal securities laws and the regulations implementing those laws (referred to together as the “securities mandates”).

On the one hand, firms must disclose a litany of information about risk, as well as about their processes to manage risk. In fact, mandates as to risk management processes have increased in the wake of the 2001 accounting scandals and 2008 financial crisis, which have been largely pinned on excessive risk-taking.⁸⁴

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On the other, firms need not disclose virtually anything about their strategies, nor about their processes to manage their strategies. Further, the securities mandates as to risk management do not even mention anything about the process of managing strategy, or its relationship to the management of risk.

While there are certainly reasons to not require firms to have to disclose their strategic plans—most importantly, because of the need to protect a firm’s competitive advantage as reflected in its strategic choice—there are not similarly compelling reasons to protect the secrecy of a firm’s current strategic management process. In fact, keeping such processes entirely confidential is problematic for many reasons, not least of which is the implication that strategic management processes are not as important as disclosed risk management processes.

This mismatch in treatment of strategic management and risk management carries over from legal mandates to academic scholarship. In particular, there is much academic commentary on risk management, and the need for improved processes to manage risk.85 In contrast, except for a prior article I wrote,86 there is virtually no on-going academic discussion about using the law to enhance firms’

85 See supra note 17 and accompanying text.

86 See generally Grossman, Strategic Management I, supra note 16.
management of their strategies. The dearth of such a public discourse of strategic management in the legal academy punctuates the law’s silence on the topic, and spares policy-makers from having to explain why securities mandates ignore such a critical organizational function as strategic management.

The rest of this Part of the article reviews securities mandates relating to risk and strategy as well as their associated management processes. It focuses first on mandates relating to strategy and risk (Section A), exposing the absence of mandates on the disclosure of strategy compared to the litany of such mandates on the disclosure of risk. Section A also examines the rationale for requiring firms to disclose information about their risks but not their strategies. Then the discussion turns to securities mandates governing those management processes relating to strategy and risk (Section B). That discussion once again reveals the absence of mandates pertaining to strategic management, compared to the increasing disclosure mandates pertaining to risk management.

Part IV then discusses the disadvantages from such a disparate treatment of firm value-creating processes and proposes a way to cause firms to give more balanced disclosure without undermining their need to protect the secrecy of their strategies.

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See supra note 16 and accompanying text.
A. Disclosure Mandates Relating to Strategy and Risk

This Section explains what information firms must provide about their strategies and risks. It begins in sub-Section 1 with a discussion of what public firms must disclose—or more appropriately, not disclose—about their strategies.

Still, firms are not limited to disclosing information required by securities mandates. Thus, it is possible that firms are not required to disclose their strategies because they already do so voluntarily. However, sub-Section 1 dispels that notion by showing that there is great divergence among firms as to whether and how much of their strategies they disclose. Consequently, investors do not receive regularized information about firms’ plans to create wealth as a result of either legal mandates or voluntary disclosures.

The absence of regularized disclosure about strategy is then contrasted with the extensive information about risk that firms must provide under securities mandates. Those mandates are discussed in sub-Section 2.

Sub-section 3 then explains why this mismatch in information about risk and strategy is necessary in light of the competitive nature of U.S. firms, and the importance of secrecy to many firms’ competitive advantage.

1. (Non)Mandated Disclosure of Strategy

The primary goal of securities mandates is to protect investors and prospective investors by ensuring that they receive complete, timely, and accurate
information about public firms. That disclosure is intended to enable investors and prospective investors to determine what a firm is worth so that they can make rational investment choices. Once an investment decision is made, disclosure also “assists shareholders in monitoring management and in proxy voting, which helps ensure that the projects that are undertaken are managed better.”

88 See Securities Act of 1933, Pub. L. No. 22, 48 Stat. 74 (1933) (“An Act to provide full and fair disclosure of the character of securities sold in interstate and foreign commerce and through the mails, and to prevent frauds in the sale thereof…”); Securities Exchange Act of 1934, § 2, 15 U.S.C. § 78b (2006) (“[T]ransactions in securities as commonly conducted upon securities exchanges and over-the-counter markets are affected with the national public interest which makes it necessary to provide for regulation and control of such transactions . . . including . . . to insure the maintenance of fair and honest markets in such transactions.’); see also Ripken, Disclosure Antidote, supra note 18, at 150 – 51.

89 See Securities Act of 1933, Pub. L. No. 22, 48 Stat. 74 (1933) (“An Act to provide full and fair disclosure of the character of securities sold in interstate and foreign commerce and through the mails, and to prevent frauds in the sale thereof…”) (emphasis added); see also Ripken, Disclosure Antidote, supra note 18, at 151 (“So long as corporations disclosed all material information about their operations and their securities, investors could make their own investment decisions.”).


Despite these laudable goals, by and large securities mandates call for disclosure only of historic results and objective facts.\textsuperscript{91} In other words, securities mandates tend to favor the disclosure of what is seen as “hard” information—or information that can be verified—rather than “soft” information.\textsuperscript{92} Soft information is typically thought to refer to projections, forecasts, estimates, opinions, intentions and other information that involves some subjective analysis or prediction.\textsuperscript{93}


\textsuperscript{92} See id. In fact, until 1973, the SEC did not even allow the disclosure of “soft” information on the basis that it was inherently unreliable, and unsophisticated investors would fail to appreciate its uncertainty. See SEC. & EXCH. COMM’N, DISCLOSURE TO INVESTORS—A REAPPRAISAL OF FEDERAL ADMINISTRATIVE POLICIES UNDER THE ’33 AND ’34 ACTS 95 – 96 (1969) (discussing policy against including projections and predictions in reports filed with the SEC and concluding that policy should not be changed).

Because a firm’s strategy is essentially a statement of management’s intention for the future, it falls directly in the ambit of the kind of soft information that need not be disclosed to investors. In fact, an exemption exists under the Freedom of Information Act that prevents private parties from having to disclose “financial or commercial data” to government agencies that would “cause substantial harm to the competitive position of the person from whom the

information was obtained."95 The SEC has applied this exemption to protect the confidentiality of firms’ strategies.96

Not only has the SEC expressly protected firms from needing to disclose their strategies, but it has also protected firms from needing to make such disclosure indirectly, through disclosure about executive compensation. For example, under new rules adopted by the SEC following the options back-dating scandal, every public firm must disclose in narrative form—in a section called Compensation Discussion and Analysis, or CD&A—the material elements of its compensation program, such as the objectives underlying the firm’s compensation program, and what each aspect of the program is designed to reward.97 An example of what constitutes a “material element” of a firm’s compensation program includes information about “the basis for allocating compensation to


each different form of award (such as relationship of the award to the
achievement of the registrant’s long-term goals . . . ).”

Another is information about “the specific items of corporate performance [that] are taken into account in
setting compensation policies and making compensation decisions.”

As the SEC acknowledged in passing this rule, a discussion of either of
these elements could potentially reveal a firm’s strategy. That is because if an
employee included within CD&A received incentive compensation tied to the
achievement of a confidential firm objective or implementation of a selected
strategy, then a complete discussion of compensation would call for the disclosure
of that objective or strategy. To address that concern, the SEC has specifically
instructed that firms “are not required to disclose target levels with respect to
specific quantitative or qualitative performance-related factors . . . or any other
factors or criteria involving confidential trade secrets or confidential commercial
or financial information, the disclosure of which would result in competitive harm


100 Executive Compensation and Related Party Disclosure, Securities Act Release No. 8732A,
for the registrant.”"101 However the firm must disclose how difficult or likely it will be that the employee will achieve the undisclosed target.102 This exception to CD&A reinforces the SEC’s sensitivity to firms’ need to protect the secrecy of their strategies, despite the countervailing policy in favor of keeping investors informed about matters that affect their investment and voting decisions.

Still, securities mandates do not limit what firms may disclose to their investors. In fact, the securities mandates are intended to serve as a baseline, rather than a limit, on what public firms disclose to their investors.103 Thus, one might surmise that securities mandates do not require the disclosure of strategy because firms already provide that kind of rosy information.

102 Interpretive Guidance on the Application of Item 402, supra note 101.
103 See Mary L. Schapiro, Chairman, U.S. Sec. & Exch. Comm’n, Remarks at the [National Association of Corporate Directors] NACD Annual Corporate Governance Conference (Oct. 19, 2010) (“For boards and their companies, engagement means more than just disclosure. It means clear conversations with investors about how the company is governed—and why and how decisions are made.”). For example, Chairman Schapiro highlighted that a statement that “risk is overseen by the board as a whole” is “not all that helpful” and more detailed disclosures help “investors feel better informed and reassured.” Id.
However, that is contrary to what I found in a non-scientific study of the 60 largest Fortune 500 firms that file reports with the SEC. Specifically, in that study I found that approximately 28% of the largest public companies provided little to no disclosure about their strategies in their annual reports, while an additional 40% discussed some aspects of their strategies, but only within discussions focused on other topics.

Wal-Mart, the second largest company in the U.S. by revenue, exemplifies the limited nature of public discussion of firm strategy. In its latest Form 10-K, Wal-Mart disclosed only the following in terms of its strategic plan:

> We employ many programs designed to meet competitive pressures within our industry. These programs include the

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104 In this non-scientific study, a research assistant reviewed the Form 10-Ks for fiscal year 2011 for all of the companies falling within my sample and coded the level of disclosure, where 1=no disclosure of strategy (other than to possibly state that the firm has one), 2= some discussion of a firm’s strategy is present, but is contained within a section in which strategy is not the primary focus, and 3=explicit discussion of strategy in a section identified as a discussion of such. In the study, 17 companies were coded “1”, 22 companies were coded “2”, and 18 companies were coded “3”. Of the 60 largest companies within the Fortune 500, three were non-reporting companies. Thus the sample is comprised of 57 companies.

following: EDLP – our commitment to price leadership and our pricing philosophy under which we price items at a low price every day so our customers trust that our prices will not change under frequent promotional activity…¹⁰⁶

While this disclosure shows that Wal-Mart has a strategy designed to meet competitive pressures (identified as “programs”), it obviously does not tell the investor how it competes on the basis of low prices.¹⁰⁷ Thus, Wal-Mart has chosen to keep its strategy confidential, most likely out of fear of revealing the source of its competitive advantage to its competitors.

This sparing description of strategy contrasts with ExxonMobil Corporation’s more extensive discussion of strategy. For example, in its latest Form10-K, ExxonMobil, the largest U.S. public company by revenue,¹⁰⁸ stated that

> [t]hese strategies [referring to its fundamental upstream strategies] include identifying and selectively capturing the highest quality


¹⁰⁷ Wal-Mart includes similar disclosure for its other operating segments. See id. at 8, 10.

¹⁰⁸ See Fortune 500, supra note 105.
exploration opportunities, maximizing the profitability of existing oil and gas production, investing in projects that deliver superior returns, capitalizing on growing natural gas and power markets, and maximizing resource value through high-impact technologies.\textsuperscript{109}

ExxonMobil then disclosed planned-for shifts in geographic sourcing of oil and natural gas, as well as different type of opportunities from which it expected oil and gas volumes would be produced.\textsuperscript{110}

Still, ExxonMobil did not disclose its entire upstream business strategy in its annual report. For example, it did not display its road-map for how it planned to capture the highest quality exploration opportunities, or maximize the profitability from existing oil and gas production. Thus, ExxonMobil’s discussion of strategy, while more substantial than Wal-Mart’s, still only highlights certain selected aspects of ExxonMobile’s strategy.

In sum, my findings show that while some firms indeed provide extensive disclosure about their strategies, they do not provide the level of comprehensive disclosure.

\textsuperscript{109} Exxon Mobil Corporation, Annual Report (Form 10-K), at 43 (Feb. 24, 2012).

\textsuperscript{110} Id. ExxonMobil discussed separately aspects of its downstream and chemical segments’ strategies in its annual report. Id. at 43 – 44.
disclosure that one finds in other, regulated portions of firm reports. Moreover, because such disclosures are not regularized, there is a varied level of disclosure from firm to firm.

My findings are consistent with the results of a broader study conducted by Professors Hung-Yuan (Richard) Lu and Jennifer Wu Tucker. Professors Lu and Tucker studied whether S&P 500 firms disclosed information about their strategies as part of their fiscal year 2005 earnings announcements.\footnote{Hung-Yuan (Richard) Lu & Jennifer Wu Tucker, \textit{Non-Earnings Corporate Guidance}, FIN. MGMT. (forthcoming) (manuscript at 4–5), available at ssrn.com/abstract=1415390. Professors Lu and Tucker looked at annual earnings announcements for fiscal year 2005 because that period pre-dated the CFA Institute’s call for firms to replace earnings guidance with non-earnings guidance. \textit{Id.} at 5.} They found that half of the studied firms did provide disclosure about their strategies, while half did not.\footnote{\textit{Id.}} Thus, they, too, found that there is no predominant practice of disclosing strategy, despite the fact that some firms choose to do so.\footnote{Their study also revealed that firms only disclose strategies for the forthcoming year. \textit{Id.} at 17. Thus they found that firms do not disclose their longer-term strategies, which coincide with the horizon of firm’s objectives.} Their
research also supports the conclusion from my study that strategic disclosures are varied from firm to firm.\textsuperscript{114}

Where a firm does choose to disclose some aspect of its strategy, those forward-looking statements generally do not subject that firm or its managers to liability. That is because such statements are protected under a safe harbor from securities laws’ anti-fraud liability, so long as they are accompanied by meaningful cautionary language.\textsuperscript{115}

\textsuperscript{114} Id. at 15-16 (explaining the different codes for strategic plan disclosure based on what strategy was disclosed).

\textsuperscript{115} See 17 C.F.R. § 240.3(b)-6 (2010); 17 C.F.R. § 230.175 (2010) (providing reporting companies with a safe harbor from anti-fraud liability for “forward looking information,” defined to include: financial projections, statements of management’s plans and objectives for the future or statements of future economic performance); Safe Harbor Rule for Projections, Exchange Act Release No. 15,994 [1979 Transfer Binder] Fed. Sec. L. Rep. (CCH) ¶ 82,117, at 81,938 (June 25, 1979). The Private Securities Litigation Reform Act extended the safe harbor that had originally been created by the SEC so that it applies not only to forward-looking statements in SEC reports, but to all such statements, so long as they are accompanied by proper cautionary language. Private Securities Litigation Reform Act, 15 U.S.C. §77z-2 (2006); 15 U.S.C. §78u-5 (2006); see also Ripken, \textit{Cautionary Warnings, supra} note 91, at 944. If meaningful cautionary language accompanies forward-looking statements, investors are not reasonable to rely on such information, thus defeating the reliance element of an anti-fraud claim under securities law. \textit{Id.} at 942 – 43.
Nevertheless, a firm may have a duty to update such statements. In particular, some courts have held managers liable for making fraudulent forward-looking statements where they failed to update previously released forward-looking information.\(^{116}\)

For example, the Second Circuit’s decision in *In re Time Warner*\(^ {117}\) is widely viewed as standing for the proposition that companies must update forward-looking information.\(^ {118}\) In *In re Time Warner*, Time Warner disclosed to its stockholders its plan to seek a strategic partner to contribute capital to the then

\(^{116}\) *See, e.g.*, Weiner v. Quaker Oats Co., 129 F.3d 310, 316 (3d Cir. 1997); *In re Time Warner Inc. Sec. Litigation*, 9 F.3d 259 (2d Cir. 1993); Backman v. Polaroid Corp., 910 F.2d 10, 16-17 (1st Cir. 1990); *see also* Ann Morales Olazábal, *False Forward-Looking Statements and the PSLRA’s Safe Harbor*, 86 *Ind. L.J.* 595, 596 (2011) (stating that despite the PSLRA’s safe harbor, “plaintiffs in securities fraud class actions…routinely allege that issuers have made deliberately false projections and predictions.”). According to Prof. Olazábal, this is largely due to the fact that some courts still hold managers accountable for fraudulent forward-looking statements. *Id.* at 605 – 08.

\(^{117}\) 9 F.3d 259 (2d Cir. 1993).

\(^{118}\) *See, e.g.*, Dale Arthur Oesterle, *The Inexorable March Toward a Continuous Requirement for Publicly Traded Corporations: “Are We There Yet?”*, 20 *Cardozo L. Rev.* 135, 155 (1998) (“Thus, the Second Circuit found that a public announcement of a specific plan could trigger a duty to update when consideration of an alternative plan, pursuing the same goal but in a materially different way, grew serious.”)
over-leveraged company. However, Time Warner ultimately abandoned its search for a strategic partner and decided to conduct a stock offering instead, without having notified its stockholders of this possible plan. Stockholders sued on the basis that Time Warner’s statements about its plan to pursue a strategic partnership and its omission of information about the possibility of a stock offering were misleading. The Second Circuit held that “a duty to update opinions and projections may arise if the original opinions or projections have become misleading as the result of intervening events.” On that basis, Time Warner had a duty to update statements about how it planned to raise capital once it seriously began considering a stock offering as an alternative to a strategic partnership to achieve that goal. However, the court found that Time Warner’s statements about its pursuit of a strategic partnership were not definite enough to

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119 In re Time Warner, 9 F.3d at 259.
120 Id. at 262.
121 Id.
122 Id. at 267 (citing In re Gulf Oil/Cities Service Tender Offer Litigation, 725 F. Supp. 712, 745-49 (S.D.N.Y. 1989)).
123 Id. at n.4. For a discussion questioning whether the relevant statements at issue in In re Time Warner were historical statements or forward-looking statements, see Gregory S. Porter, What Did You Know and When Did You Know It?: Public Company Disclosure and the Mythical Duties to Correct and Update, 68 FORDHAM L. REV. 2199, 2216 (2000).
necessitate updating once it became clear that Time Warner was having trouble locating a strategic partner.\textsuperscript{124}

Similar logic would likely cause courts to extend the duty to update forward-looking information to strategic plan disclosures. That is because strategic plans are, in essence, management’s plans for future operations. There would seem to be an especially significant risk of a court imposing such a duty on a firm where it disclosed some but not all of the strategies that it was considering, much like how the Second Circuit in \textit{In re Time Warner} imposed a duty on Time Warner to disclose all of its alternative plans to raise capital. Moreover, as suggested by the court in \textit{In re Time Warner}, the risk of a court imposing such a duty on a firm would likely increase with the level of detail a firm provided about its strategic plan.

Still, despite the risk of having a duty to update, as I discussed above, many firms do voluntarily disclose their strategies, or at least aspects of their strategies.

There are a number of reasons why a firm might choose to make such disclosure despite the risk of liability. For one, while it does not require firms to disclose their strategies, the SEC expressly encourages firms to provide such

\textsuperscript{124} \textit{In re Time Warner}, 9 F.3d at 267.
additional disclosure in their reports. For example, in its 2003 Release discussing MD&A, the SEC stated that it “encourage[s] companies to discuss prospective matters and include forward-looking information in circumstances where that information may not be required, but will provide useful material information for investors that promotes understanding.”

Moreover, even though some courts have imposed a duty on managers to update soft information to prevent it from becoming misleading, others have found no such duty to update. Those decisions reinforce the notion that strategy is a private matter, even where a firm chooses at one point to disclose some aspect of its strategy.

125 See, e.g., Securities and Exchange Act of 1934, § 10(b), 15 U.S.C. §78j(b) (2006); see also Hiler, supra note 93, at 1120 – 23 (tracing through the various rules and releases reflecting the change in the SEC’s position on the disclosure of projections).


127 See supra notes 116 – 24 and accompanying text.

In addition, particular firms, or firms in a particular industry, might gain more from disclosing their strategies than they lose by maintaining the secrecy of those plans. For example, in an industry with high barriers to entry for new competitors and difficult-to-emulate strategies, firms might view the advantages stemming from a culture of disclosure (for example, to cultivate goodwill with customers and investors) as outweighing any disadvantages. However, this would likely only apply to specific firms or industries, and not to firms more generally. Thus the general rule remains—that public firms need not disclose their strategies unless they choose to.

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129 See Lu & Tucker, supra note 111, at 11 – 14, 28 – 29 (finding that disclosing strategy reduces informational asymmetry between managers and shareholders, which can, in turn, lead to an improvement in stock liquidity).

130 See also id. at 6 – 7, 28 – 29 (finding that “shakeout” firms (i.e. firms between the mature and decline stages) tend to provide more strategic disclosure than growth firms). This raises the question whether managers of a firm in a particular industry would provide such disclosure acting alone, or only in coordination with other firms in that industry, who provide similar disclosure. On that point, see Dallas, Short-termism, supra note 69, at 301 – 02 (using the prisoner’s dilemma analogy to explain why managers do not coordinate to act in the long-term best interest of their respective firms and why firms’ managers have not privately coordinated to provide relevant long-term disclosures to investors).
2. Mandated Disclosure of Risk

In contrast to the lack of mandates as to the disclosure of strategy, securities mandates require public firms to provide a healthy dose of information about risk. ¹³¹ That disclosure focuses on events and circumstances that might cause a firm’s financial results to be lower than its historic results. In that way, investors receive some words of caution about over-relying on reported historic results in light of potential future events that might cause results to decrease.

The rest of this sub-Section discusses the three central rules that require public firms to provide information about risk—first, the rule requiring information about forward-looking trends and uncertainties included in Management’s Discussion and Analysis of Financial Condition and Results of Operations; second, the rule requiring information about market risk and market risk-sensitive instruments; and third, the rule requiring information about risk factors.

¹³¹ See Roger J. Dennis, *Mandatory Disclosure Theory and Management Projections: A Law and Economics Perspective*, 46 Md. L. Rev. 1197, 1199 (1987) (noting that the SEC changed its attitude toward soft information because it “recognized that forward-looking data was perhaps the most useful type of information for investors”).
a) Management’s Discussion and Analysis

The most obvious example of mandated, forwarding-looking disclosure about risk is found in Management’s Discussion and Analysis of Financial Condition and Results of Operations, or MD&A, which must be included in every public firm’s quarterly and annual report. MD&A primarily calls for a narrative discussion by management of a firm’s historic financial statements that is intended to enable investors to see the firm through management’s eyes. It also provides investors with context behind historic financial statements.

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133 2003 SEC Release, supra note 126, at 2 (“The MD&A requirements are intended to satisfy three principal objectives:

- to provide a narrative explanation of a company's financial statements that enables investors to see the company through the eyes of management; and
- to enhance the overall financial disclosure and provide the context within which financial information should be analyzed; and
While MD&A is thus primarily a discussion of historic information, it does call for some forward-looking information. In fact, according to the SEC, one of the purposes “of MD&A is to provide information about the quality of, and potential variability of, a company's earnings and cash flow, so that investors can ascertain the likelihood that past performance is indicative of future performance.”

The type of forward-looking information that must be disclosed in MD&A is information about known material trends and uncertainties that are reasonably likely to have a material effect on the firm’s financial condition or operating

- to provide information about the quality of, and potential variability of, a company's earnings and cash flow, so that investors can ascertain the likelihood that past performance is indicative of future performance.”

134 Id.

135 Id.

136 Id. at 13 (emphasis added); see also id. at 9 (“Throughout MD&A, including in an introduction or overview, discussion and analysis of financial condition and operating performance includes both past and prospective matters. In addressing prospective financial condition and operating performance, there are circumstances, particularly regarding known material trends and uncertainties, where forward-looking information is required to be disclosed. We also encourage companies to discuss prospective matters and include forward-looking information in circumstances where that information may not be required, but will provide useful material information for investors that promotes understanding.”).
performance.²³⁷ Therefore, if managers believe that it is *reasonably likely* that a
trend or future event or circumstance will cause future reported results or financial
condition to *materially vary* from reported results, they must disclose that.

This disclosure is intended to enable investors to determine whether past
reported performance is truly indicative of future performance.²³⁸ That is
important because investors calculate a firm’s value by looking at its expected
*future* cash flows.²³⁹ Yet disclosure mandates focus primarily on historic results.
As a result, managers have a duty to tell investors when they know that historic
results are not indicative of expected future performance.

²³⁹ TIM KOLLER ET AL., VALUATION: MEASURING AND MANAGING THE VALUE OF COMPANIES 56
(4th ed. 2005); *see also* 2003 SEC Release, *supra* note 126, at 13 (“One of the principal objectives
of MD&A is to provide information about the quality and potential variability of a company's
earnings and cash flow, so that readers can ascertain the likelihood that past performance is
indicative of future performance. Ascertaining this indicative value depends to a significant degree
on the quality of disclosure about the facts and circumstances surrounding known material trends
Riskier?* 349 (Fed. Reserve Bank of Kansas City symposium paper) (Jackson Hole, Wyoming,
(arguing that past performance in most cases is not a good predictor of future performance).
Still, MD&A only calls for information about *known* trends and uncertainties. In other words, the information MD&A calls for is not about prospective strategies, but about specific changed events and circumstances that managers are aware of and that are reasonably likely to occur. And it also does not call for forward-looking information that is speculative or uncertain, such as revenues or cash flows estimated to be generated from implementation of the selected strategic plan.

Moreover, despite the fact that MD&A could be interpreted as calling for the disclosure of both up-side risks (i.e. opportunities that could lead to higher results than expected) and down-side risks (i.e. threats that could lead to lower results than expected), SEC guidance has only focused on the disclosure of down-side risks. For example, in its 1989 interpretive release pertaining to MD&A, the SEC listed numerous examples of events that would require disclosure, all involving down-side risks.140 The absence of any SEC efforts to force firms to provide information about reasonably likely opportunities that could lead to future

140 See Management’s Discussion and Analysis of Financial Condition and Results of Operations; Certain Investment Company Disclosures, Exchange Act Release No. 34-26,831, 43 SEC Docket 1330 (May 18, 1989) (giving as examples of known material trends and uncertainties that must be disclosed “[a] reduction in the registrant’s product prices; erosion in the registrant’s market share; changes in insurance coverage; or the likely non-renewal of a material contract.”).
gains as part of MD&A suggests that MD&A’s focus is intended to be on forward-looking down-side risks.\textsuperscript{141} Further, firms are understandably cautious in making statements about the future in MD&A because of the possible risk of liability for forward-looking statements.\textsuperscript{142} That risk exists not only where a firm makes affirmative misstatements about the future, but also where a firm omits material information about the future, such as about future trends and uncertainties.\textsuperscript{143} Undoubtedly for this reason, firms tend to over-disclose down-side trends and uncertainties in

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\textsuperscript{141} Even if MD&A did require the disclosure of up-side opportunities in addition to down-side threats, it is hard to see how investors would be “damaged” by a firm’s failure to disclose a reasonably likely opportunity that might lead to gains.

\textsuperscript{142} See supra notes116-24 and accompanying text. While the safe harbor from liability for forward-looking statements was designed to give firms the freedom to make projections and discuss the future up-side potential of their firm’s operations, it has also been applied to forward-looking statements about down-side risk. Ripken, \textit{Cautionary Warnings, supra} note 91, at 944 – 45.

\textsuperscript{143} See Exchange Act Rule, 17 C.F.R. § 240.10b–5 (2010) (including, for purposes of anti-fraud liability under the Securities Exchange Act of 1934, an omission of “a material fact necessary in order to make the statements made, in light of the circumstances under which they were made, not misleading”).
MD&A. As a result, investors cannot distinguish those disclosed risks that are probable from those that are possible, or those that are material from those that are immaterial. This is true despite words of caution from the SEC to avoid making overly complex and lengthy disclosures in MD&A.

b) Market Risk and Market-Sensitive Instruments

The SEC also requires disclosure with respect to market risk. Market risk is the risk that assets whose prices are determined by market-wide factors—such as commodity prices or interest rates—will fluctuate.

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144 See 2003 SEC Release, supra note 126, at 6 (noting that many companies’ MD&As “may have become unnecessarily lengthy, difficult to understand and confusing”); Donald C. Langevoort, Managing the “Expectation Gap” in Investor Protection: The SEC and the Post-Enron Reform Agenda, 48 VILL. L. REV. 1139, 1155 – 56 (2003) [hereinafter Langevoort, “Managing the “Expectation Gap” ] (arguing that disclosure of possible risks tends to lead to boilerplate disclosure).

145 See Langevoort, Managing the “Expectation Gap”, supra note 144 (arguing in favor of disclosure that not only identifies possible risks, but that also discusses their probability and magnitude).


Pursuant to Item 305 of Regulation S-K, every reporting company must disclose in its periodic reports quantitative and qualitative information about its market risk, as well as its exposure to market risk-sensitive instruments. That disclosure includes, for each of those instruments, whether that instrument could result in a reasonably possible effect on the firm due to market changes.

This disclosure heightens the risk-based disclosure called for in MD&A because MD&A already calls for firms to disclose information about risks that are reasonably likely to materially affect the firm. Item 305, in contrast, uses a lower threshold for disclosure—specifically, it calls for disclosure based on the reasonably possible standard.

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148 Regulation S-K, Item 305, 17 C.F.R. § 229.305 (2010) [hereinafter Regulation S-K, Item 305]; see also id. at §229.305(a), Instruction 2. This rule has been the subject of much criticism. See Martin H. Dozier, Note, Barings’s Ghost: Item 305 in SEC Regulation S-K and “Market Risk” Disclosures of Financial Derivatives, 34 GA. L. REV. 1417, 1447 – 51 (2000) (describing hearings before the Senate Banking Securities Subcommittee in which numerous witnesses, including the SEC’s chief economist, questioned whether Item 305 would benefit investors). Its passage also accompanied new accounting rules dictating how to account for such derivatives. Id. at 1451. This information on market risk is also incorporated by reference into public companies’ securities offerings. See, e.g., Form S-3, supra note 132.

149 Regulation S-K, Item 305, supra note 148.

150 See supra note 137 and accompanying text.

151 Dozier, supra note 148, at 1454.
That means that firms must disclose not only market risk and market risk-sensitive instruments that are reasonably likely to materially affect them, but also such risk and instruments that will have a reasonably possible material impact on them.

This disclosure reveals more information to investors about how managers manage market risk than other kinds of risks. This specialized treatment given to market risk and market risk-sensitive instruments has been criticized by some on the basis that it might mislead investors. That is because heightening disclosure about market risk compared to other risks suggests that this risk is of a greater concern than other risks. That, indirectly, might imply that other risks are less important. Yet other risks, such as operational risks associated with poor business decisions, would seem to pose as great of a risk to a firm as market risk.

152 See, e.g., id. at 1461.
153 See, e.g., id. at 1462.
154 Id. at 1462 – 64. Other critiques focus on the fact that this rule leads to information overload. Id. at 1464.
155 See id. at 1463 (citing to Congressional hearing) (“Empirically, the risk of loss resulting from a poor business decision can far outweigh any potential losses incurred through the use of derivatives.”).
Other critics of Item 305 have argued that the rule calls for disclosure about a firm’s proprietary trading strategies.\textsuperscript{156} By disclosing information about what market risk-sensitive instruments a firm has entered into, a firm allows its competitors to see the ways in which the firm manages its market risk. This challenge highlights the interrelatedness between strategy and risk, for the selection and implementation of a firm’s strategy are what give rise to risks that need to be managed. It also flags the concern that due to that interrelatedness, rules pertaining to down-side risk might reveal something about a firm’s strategy for wealth-creation. The fact that the disclosure of risk might compromise the confidentiality of a firm’s strategy as to trading in market risk-sensitive instruments might explain why Congress and the SEC have increasingly required the disclosure not of risk itself, but of processes to manage risk.\textsuperscript{157}

c) Risk Factors

Additionally, every firm must include in its periodic reports filed with the SEC a statement of what it views as its primary “risk factors”—or those factors that make an investment in the firm’s securities risky or speculative.\textsuperscript{158} While the

\textsuperscript{156} See id. at 1467 – 69.

\textsuperscript{157} See discussion infra Section III.B.

\textsuperscript{158} See Exchange Act Rule, 17 C.F.R. § 229.503(c) (2010); Form 10-K, supra note 132, at 8 (calling for disclosure of risk factors from Item 503(c)); Form 10-Q, supra note 132, at 6 (calling
intent was to make this disclosure a meaningful account of the types of risks that are unique to a specific firm, the reality is that firms’ discussions of their risk-factors have become non-tailored boilerplate.\footnote{159}

SEC guidance once again suggests that this rule merely calls for the disclosure of down-side risk. For example, in a Staff Legal Bulletin issued by the SEC in 1999 explaining how to draft risk factors in plain English, the SEC gave several examples of risk factors both before and after they had been drafted in for disclosure of any changes to the risk factors disclosed in the issuer’s latest annual report on Form 10-K; \textit{see also} Securities Act Rule, 17 C.F.R. § 230.421(d) (2010) (mandating disclosure of risk factors in securities offerings).

\footnote{159} The Reform of Corporate Reporting and Auditing: Hearing Before the Committee on Energy and Commerce, 107th Cong. 6 (2002) (statement of Baruch Lev, Philip Bardes Professor of Accounting and Finance, Stern School of Bus., New York Univ.) (“In the early 1990s, the SEC instituted various requirements for risk disclosure in prospectuses and financial statements. These, however, resulted in extensive yet largely meaningless boilerplate statements enumerating every possible risk ‘under the sun,’ and insufficient specific risk disclosures.”). \textit{But see} John L. Campbell et al., The Information Content of Mandatory Risk Factor Disclosure in Corporate Filings 3 (May 2012) (unpublished manuscript), available at http://ssrn.com/abstract=1694279 (finding that “contrary to critics’ assertions—risk factor disclosures are \textit{not} simply boilerplate, but instead meaningfully reflect the risks a firm faces”) (emphasis in original).
plain English. Each of the exemplified risk factors involved a down-side risk. Consistently, in the same study mentioned above, virtually none of the companies in my sample discussed any up-side risks—or opportunities—in their discussion of risk factors.

Other SEC rules, forms and guidance also reinforce the conclusion that risk-factors for purposes of SEC disclosures cover only down-side risk. For example, Regulation A’s offering rules call for the disclosure of risk factors, and describe those as “factors which constitute the greatest threat that the investment will be lost in whole or in part, or not provide an adequate return.”

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161 See id.

162 In the study I found that approximately 5% of the companies discussed positive risks (i.e. ones that represent opportunities that might generate gains) in their “risk factors,” whereas 95% of the companies did not discuss any positive risks in their “risk factors.”

focusing only on threats that will lead to losses, Regulation A offering rules clearly call only for disclosure of down-side risk, but not opportunities. This once again shows the focus of securities mandates on disclosure of down-side risk rather than up-side wealth-creating strategies.

3. Rationale for Disparate Risk and Strategy Disclosures

As the above discussion shows, firms need to disclose a host of information about the material risks that they and their investors face, with a focus on risks that might cause future results to differ from historic results. In contrast, they need not disclose anything about their strategies other than as the result of a potential duty to update a previously disclosed strategy.

SEC guidance in 2010 and 2011]—whether formally outlined in binding SEC pronouncements or non-binding Staff interpretations, or informally expressed by Staff members in speeches—is the importance of providing ‘early-warning’ disclosures of material risks and uncertainties that, if realized, could have a material adverse effect on a particular company’s liquidity, capital resources or operating results.”) (emphasis added); Foley & Lardner LLP Information Bulletin, Legal News: Transactional and Securities Update (Jan. 6, 2006), available at http://www.foley.com/files/tbl_s31Publications/FileUpload137/3217/Foley%20Lardner%20LLP%20Transactional%20Securities%20Legal%20News%2001-06.pdf (“The risk factor disclosure should describe the most significant factors that may adversely affect the company’s business, operations, industry, financial position or future financial performance.”) (emphasis added).
There are a number of likely reasons why securities mandates only require disclosure of risks and not strategies.

First, firms might not have to disclose their strategies because such disclosure could ruin their competitive advantage. For example, consider a firm like Apple, whose strategies are shrouded in secrecy. It is easy to imagine how Apple’s strategy might be impaired if it were required to disclose what new products it planned to develop, for that firm’s competitors might be able to develop a similar new product first, gaining an advantage through being the first mover. Thus, as Professor Kitch observed over a decade ago, “information is power, including the power to compete effectively. In the hands of competitors

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164 See supra notes 100 – 02 and accompanying text; see also DAVID, supra note 83, at 302. This is especially true where a company’s strategy involves a potential merger. See Bershad v. Curtiss-Wright Corp., 535 A.2d 840, 847 n.5 (Del. 1987) (“[T]he effect of premature disclosure of merger discussions may be substantial. The probability of completing a merger benefiting all shareholders may well hinge on secrecy during the negotiation process.”). But even without a merger, a firm often retains an advantage due to the secrecy of its strategy.

165 See Lashinsky, supra note 4, at 131 (describing the secrecy surrounding even the time period covered by Apple’s strategic plan).

166 See id. at 127 (quoting Tom Cook as saying, in response to a question by a Wall Street analyst about how far out Apple plans, that “‘Well, that is a part of the magic of Apple. And I don’t want to let anybody know our magic because I don’t want anybody copying it.’”).
and others with interests adverse to the issuer, information relevant to accuracy enhancement can be used to harm the issuer.”

This same rationale explains why state trade secret law protects the confidentiality of firms’ strategies. In particular, under the Uniform Trade Secret Act in effect in most states, a firm’s strategy is a trade secret so long as the firm takes reasonable steps to maintain its secrecy. This rule “encourages investment in research by providing an opportunity to capture the returns from successful innovations.” While state trade secret law would not preempt an inconsistent federal mandate on disclosure, the policies behind protecting strategic plans as trade secrets help explain why Congress and the SEC, too, do not mandate their disclosure.

171 See supra notes 100-02 and accompanying text.
Again, for some companies, the benefits of disclosing their strategies, or at least some aspects of their strategies, outweigh the costs.\textsuperscript{172} Yet the fact that that is true for only some companies against adopting a broadly applicable rule that would require all public companies to disclose their strategies.

In addition, the securities mandates may not require firms to disclose their strategies because managers are thought to want to volunteer information that would paint a rosy picture of their firms, such as positive information about their firms’ strategies.\textsuperscript{173} In contrast, managers are thought to not want to disclose events that might lead to losses, for that could lead to a lower firm value and, in turn, a lower stock price.\textsuperscript{174} Thus, disclosure mandates are necessary only to balance out the optimistic account that managers are thought to have a tendency to supply.

\textsuperscript{172} See supra notes 125-30 and accompanying text.

\textsuperscript{173} See Donald C. Langevoort,\textit{ Organized Illusions: A Behavioral Theory of Why Corporations Mislead Stock Market Investors (and Cause Other Social Harms)}, 146 U. PA. L. REV. 101, 157 (1997); Ripken,\textit{ Disclosure Antidote}, supra note 18, at 170 (“Executives are likely to provide disclosure that is habitually overoptimistic and self-serving, which can be misleading to the public.”).

\textsuperscript{174} Ewa Sletten,\textit{ The Effect of Stock Price on Discretionary Disclosure}, 17 REV. OF ACCOUNTING STUD. 96 (2012); S. P. Kothari, et al.,\textit{ Do Managers Withhold Bad News?}, 17 J. OF ACCOUNTING RES. 241, 242 – 44 (2009).\textit{ But see id., supra}, at 244 (noting that “[m]anagers’ tendency to withhold bad news is attenuated for firms with high litigation risk”).
While it may be true that managers prefer to disclose the affirmative value-creating aspects of their business rather than the potentially negative, value-decreasing aspects, as I discussed in sub-Section 1 above, most firms either do not disclose their strategies, or if they do so, only disclose some aspects of their strategies within other disclosure. Such incomplete, tucked-away disclosure hardly suggests that managers are trying to highlight their firms’ plans to create wealth.

In conclusion, the absence of a duty on firms to disclose their strategies is justified on the basis that it protects the competitiveness of those firms. Still, investors would undoubtedly better understand disclosed risks if they knew the strategic choices that led to them. That is true even though the information that firms must provide about risks is limited, based on the materiality and estimated likelihood of the risk.\(^{175}\) Such imbalanced disclosure, too, might justify a disclosure regime in which current strategic management processes, rather than forward-looking and confidential strategies, are required to be disclosed.

\(^{175}\) See supra note 145. Still, firms do not have to provide a particular estimated probability of any risk occurring, or estimate its likely magnitude. See discussion supra Section III.A.2.
B. Mandated Disclosure as to Management Processes

The next section of this discussion reviews legal mandates as to risk and strategic management processes. It begins in sub-Section 1 with a discussion of mandates—or more accurately, the lack of mandates—relating to strategic management. Next, sub-Section 2 reviews mandates relating to risk management. Part IV then reveals problems with this mismatch in disclosure as to risk and strategic management processes and explains why requiring the disclosure of strategic management processes can help ensure investors receive a more complete picture of value creation activities, yet is not nearly as problematic as requiring firms to disclose their strategies.

1. (Non)Mandated Disclosure of Strategic Management Process

Much like with strategy, there are no securities mandates that require public firms to disclose any aspect of their strategic management processes. For example, while the SEC requires disclosure as to the board’s role in overseeing
the management of risk, it fails to require disclosure as to the board’s role in overseeing the management of strategy.

Still, according to several SEC no-action letters, firms may not exclude from their proxy statements shareholder proposals calling for the disclosure of the board’s role in the strategic planning process. In those letters, the SEC expressed the view that the board’s participation in the development and implementation of the company’s long-term strategic plan was beyond its ordinary business operations. Thus, those companies could not exclude the proposals on that basis.

However, those no-action letters do not address whether the firms at which they were submitted could have excluded such proposals on the basis that the

176 See infra note 222 and accompanying text.


information they called for was confidential. Yet, the fact that none of the firms receiving one of these proposals raised that challenge in its request for no-action relief suggests that they did not view such information as confidential. In any event, the *ad hoc* nature of the disclosure these firms had to make in response to specific shareholder requests contrasts with the systematic and mandatory nature of the equivalent disclosure as to the board’s role in overseeing the management of risk, discussed below.

It is possible that there is no universal securities mandate requiring firms to regularly provide information about their strategic management processes because they already provide such information voluntarily. However, the evidence belies this conclusion. In particular, in the same study mentioned above, I found that by and large, public firms do not disclose anything about their processes to formulate strategy apart from identifying the executive officers who are in charge of strategic planning.181 And even as to that disclosure, firms only identify the person in charge of strategic planning if that person is a “named

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181 In the study, I found that 84% of the companies disclosed either nothing or very little about their process to set strategy, whereas 16% of the companies discussed significant aspects of that process. For purposes of the study, I limited my review to disclosure of the planning processes, for it would seem that if a company disclosed anything about its strategic management process, it would be most likely to disclose the process through which it formulated its strategy than the other stages.
executive officer.” In other words, firms typically do not disclose who spearheads their strategic planning effort unless that is a person for whom disclosure must otherwise be provided under securities laws.


In contrast to the absence of mandates as to strategic management, there is an increasing number of mandates as to risk management. In fact, the number of mandates as to risk management has blossomed following the two waves of crisis that have revealed deficiencies in risk management processes, as well as the failure of the existing disclosure scheme to prevent them. Thus, there has been a shift in legislative and regulatory focus away from mandating disclosure of specific risks and toward more disclosure about processes to manage those risks.183

The theory behind this kind of disclosure is to allow investors to make a more informed judgment about a firm’s value and governance based not on

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182 In the study I found that approximately half—or 52.6%—identified an officer as being in charge of strategic planning, whereas 47.3% of the companies did not identify an officer in charge of strategic planning.

183 See Mary L. Schapiro, Chairman, U.S. Sec. & Exch. Comm’n, Address to the Counsel of Institutional Investors (Apr. 6, 2009) (“The Commission will be considering whether greater disclosure is needed about how a company — and the company’s board in particular — manages risks, both generally and in the context of setting compensation.”).
disclosure of risk itself, but on processes to manage risk. In that way, investors can make a more informed judgment about a firm’s risk-taking in light of the perceived effectiveness of its risk management processes. In addition, investors can hold management accountable for actually engaging in disclosed risk management processes.

Each of the two crises revealing deficiencies in risk management practices, along with the associated risk management reform, is discussed next.

a) Enron and Risk Management Requirements

Enron’s story is widely known. Starting in the 1980s, Enron capitalized on the deregulation of energy markets to become the leading U.S. natural gas company. However, as its competitive advantage started to slip and competitors such as El Paso and Dynegy started to enter the newly deregulated market, Enron was forced to decide whether to be satisfied with lower profit

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margins or to try to replicate its success in other sectors.\textsuperscript{186} It chose the latter approach, diversifying into the energy trading markets as well as water, power generation, coal, paper and forest products, telecommunications, retail electricity, and metals.\textsuperscript{187} However, Enron was unable to apply its expertise as a natural gas company to these new markets.\textsuperscript{188}

As Enron started to experience significant losses from these non-core businesses, it needed to raise capital to continue implementing its expansion strategy.\textsuperscript{189} Yet any reported new debt could have decreased Enron’s credit rating, which in turn could have compromised its ability to engage in energy trading.\textsuperscript{190} Thus began the accounting manipulations to hide the true state of

\textsuperscript{186} Id. at 64 – 65.

\textsuperscript{187} Id. at 65.

\textsuperscript{188} Id. at 66.

\textsuperscript{189} See id. at 67 – 68.

\textsuperscript{190} See id. at 68; Milton D. Regan, Jr., \textit{Teaching Enron}, 74 \textit{Fordham L. Rev.} 1139, 1150 (2005) (noting that “to continue grow[th] in its trading operations, Enron needed to trade without having to post collateral” which “in turn depended on its credit rating [and that] [i]ncurring additional debt could cause that rating to be downgraded”). According to Professor Regan, Enron did not want to issue additional equity either, as that would lower earnings per share, which would make it harder to hit the earnings targets that the company had indicated to stock analysts. \textit{Id}. 
Enron’s losses, and the resultant regulatory efforts to root out this operational risk.\textsuperscript{191}

Enron’s board, along with the boards at other firms that faced similar situations,\textsuperscript{192} were lambasted for failing to detect these accounting manipulations.\textsuperscript{193} Congress reacted swiftly to these cries with the Sarbanes-Oxley Act of 2002 (SOX).

One of the most significant (and controversial) aspects of SOX involves the rules pertaining to “internal control over financial reporting,” or ICOFR. ICOFR refers to a process by which a firm ensures the reliability of its financial

\textsuperscript{191} See Kroger, supra note 185, at 72. Enron CFO Andrew Fastow eventually admitted to this purpose: “While CFO, I and other members of Enron’s senior management fraudulently manipulated Enron’s publicly reported financial results. Our purpose was to mislead investors and others about the true financial position of Enron and, consequently, to inflate artificially the price of Enron’s stock and maintain fraudulently Enron’s credit rating.” \textit{Id.} (citing Plea Agreement Exhibit A, United States v. Fastow, Cr. No. H-02-0665 (S.D. Tex. Jan. 14, 2004) (statement of defendant, dated January 4, 2004)).


\textsuperscript{193} See, e.g., \textit{id.;} Kroger, supra note 185, at 95 – 97.
reporting and the preparation of financial statements for external purposes. In other words, a firm uses ICOFR to control its operational risks associated with the preparation of financial statements and the reporting of financial results to investors and other constituents.

The SEC adopted the Committee of Sponsoring Organizations of the Treadway Commission (COSO)’s definition of ICOFR, which had previously been adopted by the American Institute of CPAs. Under that definition, internal controls are defined as a process intended to provide reasonable assurance regarding the firm’s (1) effectiveness and efficiency of operations, (2) reliability of financial reporting, and (3) compliance with applicable laws and regulations.


196 Auditing Standards Board, AICPA, Statement on Auditing Standards No. 78, Consideration of Internal Control in a Financial Statement Audit: An Amendment to Statement on Auditing Standards No. 55 (1995). That auditing standard has since been superseded by Auditing Standard No. 5, promulgated by the Public Company Accounting Oversight Board, an agency established under SOX. See Pub. Co. Accounting Oversight Bd., Auditing Standard No. 5: An Audit of
However, the SEC intentionally chose to exclude (1) and (3) from its required control framework. The SEC likely excluded such other controls because it is primarily concerned with ensuring that financial statements—which are the primary focus of SEC-filed reports—are accurate. As a consequence, ICOFR focuses only on financial controls and does not cover controls designed to provide reasonable assurances about the successful implementation of a firm’s strategy.


197 See Management’s Report on Internal Control, supra note 195 (“We recognize that our definition of the term ‘internal control over financial reporting’ reflected in the final rules encompasses the subset of internal controls addressed in the COSO Report that pertains to financial reporting objectives.”).
There are numerous mandates within SOX with respect to ICOFR. First, it obligates managers to annually assess and report on their firm’s ICOFR. It also imposes greater responsibility on the CEO and CFO for ICOFR by requiring those officers to certify as to the effectiveness of such controls. CEOs and CFOs face potential liability if they certify to the effectiveness of their firms’ ICOFR where such control proves to not have been effective.

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200 The officer would not only face potential criminal sanctions for having violated Section 13(a) or 15(d) of the Exchange Act, but also a private action for having violated Section 10(b) of the Exchange Act and Rule 10b-5 promulgated under that act. See Certification of Disclosure in
Moreover, SOX obligates public companies to have their auditors test their ICOFR annually and certify whether it is effective.\textsuperscript{201} While some commentators believe that this auditor attestation requirement significantly enhanced the reliability of internal controls,\textsuperscript{202} others view this requirement as an inefficiently costly measure.\textsuperscript{203} The inefficiencies were most profound on small Companies' Quarterly and Annual Reports, Securities Act Release No. 824, Exchange Act Release No. 46427, Investment Company Act Release No. 25722, 67 Fed. Reg. 57, 276 (Sept. 9, 2002) [hereinafter Section 302 Release]. Issuers must also disclose quarterly any changes in their internal controls over financial reporting. \textit{See} Form 10-Q, \textit{supra} note 132, at 5.

\textsuperscript{201} Commission Guidance Regarding Internal Control, \textit{supra} note 198, at 35,324.

\textsuperscript{202} \textit{See, e.g.,} \textit{Not Everyone Hates SarbOx}, BusinessWeek, Jan. 29, 2007, \textit{available at} http://www.businessweek.com/magazine/content/07_05/b4019053.htm (quoting Duncan W. Richardson, chief equity investment officer at Eaton Vance Management, saying that Section 404’s internal controls testing requirements result in “even not-so-good management teams have hav[ing] good controls now”).

\textsuperscript{203} \textit{See, e.g.,} \textit{Cost of SOX 404 Survey}, U.S. Chamber of Commerce Center for Capital Markets and Competitiveness, Nov. 8, 2007, \textit{available at} http://www.uschamber.com/sites/default/files/reports/0711sox_survey_report.pdf (finding that 89 percent of businesses surveyed expect the costs of SOX Section 404 to either “greatly exceed” or “moderately exceed” the benefits).
companies,\textsuperscript{204} leading the SEC to permanently exempt smaller public companies from this rule.\textsuperscript{205}

SOX also sought to enhance board oversight over ICOFR. It did that by charging the audit committee (rather than officers) with selecting, compensating and overseeing the auditor.\textsuperscript{206} Therefore, audit committees must not only oversee officers in the preparation of financial statements, but must also directly oversee

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\textsuperscript{204} Final Report of the Advisory Committee on Smaller Public Companies, S.E.C., Apr. 23, 2006, 33 – 35, available at http://www.sec.gov/info/smallbus/acspc/acspc-finalreport.pdf (showing that compliance with Section 404 cost companies with less than $100 million in market capitalization 2.55% of the company’s revenue, whereas companies with market capitalization above $5 billion only allocate .06% of revenue to Section 404 compliance).

\textsuperscript{205} See 17 C.F.R. § 210.2-02(f) (2010) (exempting “a registrant that is neither an accelerated filer nor a large accelerated filer . . . ” from SOX’s auditor attestation requirement).

the external auditor in auditing those financial statements.\textsuperscript{207} That means the audit committee members, on behalf of the board, are responsible for overseeing the management of operational risks associated with the preparation of financial statements and reports.

Additionally, SOX mandates the independence of all audit committee members,\textsuperscript{208} as well as the disclosure of expertise on the audit committee as to accounting and financial matters.\textsuperscript{209} This independence requirement is designed

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to increase the board’s accountability to shareholders, for if the board is more independent from management, it can better exercise its oversight role in a more neutral way. The expertise disclosure rule is also designed to enhance the board’s ability to independently and knowledgably root out accounting manipulations. However, increased board independence may impair the board’s ability to oversee—and provide guidance on—the selection of strategy. That is because a board that is more involved in and knowledgeable of the company’s business and industry can more effectively oversee the setting of an effective strategy for growth. Without that kind of company and industry-specific

Stock exchanges now require the audit committee of every listed company contain at least one financial expert, and that all members of the audit committee be, or become, financially literate. See NASDAQ Rules, supra note 208, § 4350 (d)(2)(A) (requiring that each audit committee member be able to read and understand fundamental financial statements); NYSE Manual, supra note 208, § 303A.07(a) (requiring that each member of the audit committee be financially literate, or become financially literate, within a reasonable period of time after his or her appointment to the audit committee).

See Brett H. McDonnell, Professor Bainbridge and the Arrowian Moment: A review of the New Corporate Governance in Theory and Practice, 34 DEL. J. CORP. L. 139, 170–71 (2009) (pointing to internal board dynamics, like the independence of boards, as an important part of achieving accountability).

knowledge by directors, it is undoubtedly a challenge for them to effectively serve as a check on, or contribute to the formulation of, strategy; to understand what kind of processes might be necessary to effectively implement the current strategy; and even to understand what kind of controls might be necessary to identify future risks and opportunities.

While the SOX-era reform efforts focused on implementing processes designed to limit the operational risk associated with the preparation and reporting of financial statements, they generally did not attempt to regulate the amount of risk firms took on as part of their corporate strategies. In other words, SOX-era reform focused on rooting out “accounting” earnings management—or the direct manipulation of numbers or use of financial vehicles to obscure a firm’s value.212 But it did not attempt to prevent “real” earnings management, or actual changes to operations in an effort to produce short-term results at the expense of long-term value creation.213 That might explain why SOX did little to control firms’

212 See Dallas, Short-termism, supra note 69, at 278 (noting that the more garden-variety types of accounting-earnings management involving the manipulation of accruals declined after SOX); see also Natalie Mizik, The Theory and Practice of Myopic Management, 47 J. MARKETING RES. 594, 594 (2010) (noting that accounting-based earnings management involves the manipulation of discretionary accruals).

213 See Dallas, Short-termism, supra note 69, at 278 – 79 (noting that real-earnings management has increased since the passage of SOX); see also Mizik, supra note 212, at 594 (noting that
implementation of highly risky corporate strategies, which lie at the heart of the 2008 financial crisis.\textsuperscript{214} The source of that crisis, and rules promulgated in its wake, are discussed next.

\textbf{b) Financial Crisis and Risk Management}

\textbf{Requirements}

The 2008 financial crisis has been widely seen as a break-down in the process of risk management beyond the mere risk of earnings management.\textsuperscript{215}

Many people believe the failed risk management practices that led to the 2008 financial crisis stemmed from flawed compensation practices that rewarded executives and other employees for short-term financial results that failed to take long-term risks into account.\textsuperscript{216} For example, when discussing the executive myopic management—or real earnings management—involves the over-emphasis by managers on short-term goals with immediate payoffs at the expense of strategies with superior but more distant payoffs).

\textsuperscript{214} See Dallas, \textit{Short-termism, supra} note 69, at 278 – 79 (noting that real-earnings management has increased since the passage of SOX).

\textsuperscript{215} See \textsc{Larcker} & \textsc{Tayan}, \textit{supra} note 60, at 197.

\textsuperscript{216} See, \textit{e.g.}, Erica Beecher-Monas, \textit{Role of Corporate Board Executive Pay Decisions in Precipitating Financial Crisis}, 11 \textsc{Tenn. J. Bus. L.} 51, 54 (2009) (“As a result of the short-term focus on pay period rather than long-term results, as well as the heavy use of stock options in paying executives, the upside potential for profits became unlinked to the risk of loss.”); Usha
compensation portion of the Dodd-Frank Act, Chairman Barney Frank stated that

[T]he [Dodd-Frank] legislation . . . deal[s] with the question of the incentive structure and tr[ies] to empower the regulators and to mandate them to so structure the rules so that people are not incentivized to take risks excessively . . . whereby people take a

Rodrigues, Corporate Governance in an Age of Separation of Ownership from Ownership, 95 MINN. L. REV. 1822, 1839 (2011) (explaining how short-termism leads to the ignorance of the long-term risks of decisions and noting that “[t]he corporate governance reforms of both the bailout legislation and Dodd-Frank are concerned with self-interested managerial short-termism, particularly with regard to executive compensation.”); Remarks by FDIC Chairman Sheila C. Bair to the National Press Club, Wash., D.C., June 24, 2011, available at www.fdic.gov/news/news/speeches/chairman/spjun2411.html (last visited Aug. 7, 2012). The use of stock options compensation exacerbates the problem by creating an incentive for executives to make decisions to increase stock price, with no correlative loss in compensation due to decisions that decrease stock price. See Richard A. Posner, Are American CEOs Overpaid, And, If So, What If Anything Should Be Done About It, 58 DUKE L.J. 1013, 1027 (2009) (arguing that with stock options, there is no ceiling on the CEO’s potential gain, but the loss is truncated at the value of the options; and sometimes there is no loss because the options are repriced, enabling the CEO to exercise the option at a profit even though the corporation’s stock price has fallen below the original exercise price).

217 Chairman of the House of Representatives Committee on Financial Services and sponsor for the “Dodd-Frank Act.”
risk and if it pays off they do well; and if they take a risk and it
does not do well at all, they break even. That is not a rational
incentive structure.218

Thus, much of the legislation and regulations passed in the wake of the
financial crisis attempted to curb these objectionable compensation practices.

In particular, in 2009, the SEC adopted a new rule requiring that every
reporting company “address . . . compensation policies and practices for all
employees, including non-executive officers, if the compensation policies and
practices create risks that are reasonably likely to have a material adverse effect
on the company.”219 One example of such a pay practice that the SEC cited in its
implementing release is where “bonuses are awarded upon accomplishment of a
task, while the income and risk to the company from the task extend over a
significantly longer period of time.”220

This rule is primarily intended to reveal situations where employees are
paid for “performance” that fails to capture the risks that are realized in the future
from such performance. It is clearly intended to reveal pay practices at companies

218 Executive Compensation Oversight After the Dodd-Frank Wall Street Reform and Consumer

219 See Proxy Disclosure Enhancements, supra note 184 (emphasis added).

220 Id.
such as Fannie Mae, where officers made substantial performance bonuses despite their firm’s significant exposure to—and ultimate realization of—risks, undermining the performance that gave rise to the bonus.\textsuperscript{221} This rule, however, does not require disclosure as to whether a firm’s compensation policies and practices are designed to align pay with achievement of long-term objectives or the effective and efficient implementation of strategy. Thus, it focuses on preventing the compensation of executives for failure and not on the creation of systems to compensate executives for success.

The SEC has further attempted to limit firms’ excessive risk-taking by mandating more board oversight over that process. Specifically, under a new SEC rule, public firms must disclose the extent of their board’s risk management oversight role.\textsuperscript{222} This disclosure, while it does not impose a substantive requirement on boards to engage in risk management, surely suggests that boards


\textsuperscript{222} See 17 C.F.R. § 229.407 (2011).
must be doing something to oversee the management of risk. In fact, the rule contemplates that such disclosure will reveal whether the managers who are responsible for supervising risk management will report to the full board, the audit committee, or a risk committee.\footnote{Id.} This rule does not, however, call for disclosure about their detailed structures or processes in place to manage those risks. And more relevant to this article, this rule does not call for the disclosure of the board’s role in overseeing the value-creating aspects of strategy, now how those two oversight roles mesh together. Again, the focus of the rule is on risk oversight, without regard to the board’s related strategic oversight function.

The New York Stock Exchange (NYSE) has also, to a lesser extent, attempted to prod boards into performing risk oversight. Specifically, the NYSE’s corporate governance rules require audit committees of listed companies to have charters that set out the audit committee’s duties and responsibilities with respect to discussing risk management policies.\footnote{NYSE Manual, supra note 208, at § 303A.07(b)(iii)(D). The NASDAQ does not contain a similar requirement, and does not appear to contain any other special corporate governance rules regarding the management of, or oversight over the management of, risk. See NASDAQ Rules, supra note 208, at § 5600 et seq.} Even where the audit committee is not the sole body responsible for overseeing the management of risk,
under the NYSE’s corporate governance rules, it “must discuss guidelines and policies to govern the process by which risk … management is undertaken.”

While this rule suggests that the audit committee oversees all aspects of firm risk management, under the NYSE’s rules, the audit committee’s function is to oversee the integrity of a listed firm’s financial statements, as well as its compliance with law. Thus, this committee’s risk oversight function is most likely limited to overseeing risks that are contemplated by ICOFR, and not strategic risks. Yet the fact that its charter requires it to discuss guidelines and policies that relate to risk management without limiting that to financial risk suggests that it is seen as the default body to oversee risk at the firm.

IV. **SPURRING STRATEGIC MANAGEMENT THROUGH SECURITIES LAWS**

As I have shown in Part II, a firm’s success largely depends on its ability to innovate and to put in place a plan to capitalize on, and profit from, those innovations. A firm engages in the process of strategic management to create a plan as to how to benefit from those innovations given its resources, competitive environment, legal landscape, and other factors. That process also includes putting in place control measures to ensure the selected strategy is being implemented.

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226 *Id.* at § 303A.07(b)(i)(A).
effectively implemented. Thus the process of strategic management is complex, yet is critical to a firm’s success.

Because it is impossible to know what the future holds, a firm’s success also depends on its ability to manage risk. So, managers must be able to identify, assess, and respond to events and circumstances that might block the firm’s path under its strategic plan. In this way, strategic management and risk management are different sides of the same coin: a firm employs the former to map out wealth-creating projects to pursue and to ensure the firm stays on the plotted course, and the latter to manage the bumps that pop up along the way that might throw the firm off its chartered path. These two management functions are truly intertwined when it comes to the emergence of a new opportunity; the risk management system helps identify new opportunities and feeds that information into the strategic planning system. Managers then employ the strategic planning function to determine whether the new opportunity merits a change to the firm’s strategic plan and if so, change firm processes so that the new plan is appropriately implemented.

Despite their common purpose and interrelated function, as I have shown in Part III, risk and strategic management processes are treated quite differently under federal securities mandates. In particular, public firms are obligated to disclose a host of information about their processes to manage risk; and the information that they must provide about their risk management processes is
increasing. As is unquestionably the intended effect, such disclosure often spurs those firms to be more deliberate and careful in implementing their risk management processes for fear of either anti-fraud liability or having to make an embarrassing admission about lacking processes. In contrast, those firms may remain tight-lipped not just about the substance of their strategies, but also about their strategic planning and implementation processes. As a result, securities laws do not push firms to engage in the other key function designed to generate value—strategic management.

The primary reason securities mandates do not require disclosure of a firm’s strategy is because such disclosures might impair a firm’s competitive advantage. Yet it is not at all clear that some limited disclosure about that firm’s strategic management process would reveal anything substantive about its strategy.

The next Section—Section A—traces through all of the reasons why lopsided disclosure about risk and strategic management is problematic. It also examines how certain information about strategic management can in fact be disclosed without compromising a firm’s competitiveness. Then, Section B proposes a way to provide investors with more information about strategic management processes, as a mechanism to prod firms to more effectively engage in that critical, wealth-creation process.
A. Concerns with Lopsided Disclosure of Risk and Strategic Management

Firms’ disclosure of information about their risk management processes without any equivalent disclosure of their strategic management processes creates a number of concerns.

First, it could lead to disjointed risk and strategic management processes. In particular, firm risk management processes implemented as a result of disclosure obligations might not effectively function alongside related, yet unregulated, strategic management processes, undermining the necessary interplay between those two processes. While disclosure does not necessarily dictate firm conduct, that is usually the intended effect, as firms try to avoid making embarrassing or unusual disclosures. And to the extent firms do change their risk management processes in response to disclosure requirements, it is not at all clear that firms would change affected aspects of their strategic management

See Francis K. Achampong, Integrating Risk Management and Strategic Planning, PLAN. FOR HIGHER EDUC. (Jan.-Mar. 2010), at 22, 23 (“In the final analysis, the ultimate goal of efforts to maximize an institution’s value (through risk management) and set its strategic goals and objectives (through strategic planning) is the achievement of the institution’s expressed vision. In light of that, it is both logical and desirable to integrate risk management and strategic planning into one coordinated, holistic process to create a synergistic effect that leverages the benefits of both processes and makes them mutually reinforcing.”).
process so that there continues to be a coherent and comprehensive system in place for the creation of value.

As an example, consider the NYSE’s requirement that the audit committee discuss annually its policies for managing risk. While commentary states that the audit committee need not be the “sole” body responsible for risk management, the fact that this committee is responsible for discussing policies for managing risk suggests that the audit committee is expected to play a role—the central role, in fact—in overseeing that process. This rule, approved by the SEC in 2003, may be one of the reasons why firms typically task their audit committees with overseeing the management of risk. While it undoubtedly

228 See supra note 224 and accompanying text.

229 See supra note 225 and accompanying text.


makes sense to task the audit committee with overseeing operational risk associated with the preparation of financial statements and reports, it is less clear that the audit committee should exclusively, or even primarily, oversee strategic risk, or the risk that a firm’s products will become obsolete, consumer preferences will change, or some other change will occur that undermines the effectiveness of the firm’s strategy in protecting its competitive position.

A more troubling concern is that the NYSE rule fails to address how boards should oversee the management of strategy where the audit committee

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232 See supra notes 206–09 and accompanying text (discussing various securities mandates aimed at ensuring the audit committee can effectively perform its accounting and financial oversight function).

oversees the management of risk. As such, the full board might not have the information about risk that it needs to effectively perform its strategic oversight function.\textsuperscript{234} Similarly, the audit committee might not have the skills, resources and information it needs to be able to understand strategic risk, or how information about risk feeds into the strategic management process. This is especially true given that the audit committee must be comprised of only outsiders,\textsuperscript{235} none of whom would be as familiar with a firm’s strengths, resources and other strategic considerations as an insider. Thus, regulations directed at implementing a particular risk management structure—whether stemming from stock exchange or SEC rules—could lead to the implementation of a risk management structure that actually undermines the performance by the managers or the board of their respective strategic management functions.

As another example, consider the legislation that Senator Charles E. Schumer introduced in 2009 called the Shareholder Bill of Rights Act of 2009.\textsuperscript{236} Under that proposed legislation, all public companies would have been required to form risk committees of the board “responsible for establishing and evaluating the

\textsuperscript{234} See Larcker & Tayan, supra note 60, at 195 (stating this concern where a risk committee, rather than the full board, is charged with overseeing the management of risk).

\textsuperscript{235} See supra note 208 and accompanying text.

firm’s risk-management practices.” Despite the fact that that legislation was never passed, more and more companies are putting such committees in place, in part because such committees are now required for many financial institutions under the Dodd-Frank Act. While there may be merit to having such a board structure at some companies, at others, this structure could impair the board’s ability to oversee the setting of strategy for reasons similar to those discussed in the preceding paragraph. Namely, the directors who are not on the risk committee might not be adequately aware of or understand either the kinds of risks inherent in potential strategies or the processes in place to manage those risks.

237 Id.


239 See Beaumier & DeLoach, supra note 238 (identifying such companies as financial institutions, power companies, and other organizations with complex market, credit, liquidity, commodity pricing, regulatory and other risks that require special attention).

240 See id.; Anne K. Kvam, Norges Bank Investment Management, Comment Letter to the SEC Regarding Proxy Disclosure and Solicitation Enhancements (Sept. 14, 2009) [hereinafter Norges Bank Comment Letter] (“As risk management should be seen as an integral aspect of strategy evaluation, execution, control, and communication we would like to caution that while
these and other similar concerns led The Conference Board, a respected business research association, to suggest that boards (rather than risk or audit committees) should oversee both risk and strategic management processes.\textsuperscript{241}

Second, the absence of mandated disclosure of processes to manage strategy, especially as compared to processes to manage risk, inevitably leaves boards and officers with the impression that the latter is more important than the former. This inevitably causes managers to devote more resources to risk management processes to comply with legal requirements, and to skimp on resources for strategic management processes.\textsuperscript{242} For example, according to a survey of executives conducted by the Economist Intelligence Unit, sponsored by ACE and KPMG:

[R]espondents point to controls and monitoring, and compliance as taking up the largest proportion. By contrast, they say that horizon scanning and spotting opportunities typically consume far less

\textsuperscript{241} See Beaumier & DeLoach, supra note 238.

\textsuperscript{242} See Larcker & Tayan, supra note 60, at 186 – 88.
resources – probably because there is little time left once the controls and compliance obligations are met.243

The NYSE, in a 2010 report issued by its Commission on Corporate Governance, has also cautioned that new governance mandates and “best practice” recommendations over the last decade create a risk that even the best boards will adopt a check-the-box mentality rather than having corporate governance serve an integrated role in a company’s strategy.244 If managers and the board are indeed spending a disproportionate amount of time on box-checking compliance activities and not on ensuring the firm has adopted and is implementing an effective strategy for growth, this is quite troubling, for firms need to engage in both the wealth-creating process of strategic management, in


addition to the wealth-protecting process of risk management, to most effectively create value.

SOX’s requirements as to internal control over financial reporting (ICOFR) exemplify this concern. To refresh, under SOX, a firm’s management must assess the effectiveness of the firm’s ICOFR, and the auditor must then test and report on management’s assessment.245 In addition, the CEO and CFO must certify as to the effectiveness of a firm’s ICOFR.246 However, ICOFR excludes controls designed to provide reasonable assurances about the implementation of strategy.247 It also excludes control system designed to ensure managers receive relevant and timely information necessary to select strategy or change strategy in response to a new opportunity.248

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245 See supra notes 198 & 201 and accompanying text.

246 See supra notes 199 – 200 and accompanying text.

247 See supra note 197 and accompanying text.

Firms continue to incur significant costs and devote significant efforts to complying with ICOFR requirements. In fact, numerous commentators and

R6FINALforWEBPOSTING111710.pdf (finding from a study that only 28% of survey respondents reported implementing ERM systems that were systematic, robust and repeatable, and 60% reporting risk tracking that is mostly informal and ad hoc). Still, that framework does not cover all aspects of strategic management; thus a firm would still need a separate strategic management framework to formulate strategies as a result of information provided as part of the ERM. COSO ERM FRAMEWORK, supra. These controls are also not required to be implemented under state law, for oversight duties only call for controls to bring relevant information to managers and the board about the risk of a violation of law or wrongdoing. Grossman, Strategic Management I, supra note 16, at 31 – 32.

249 See. J. Robert Brown, Criticizing the Critics: Sarbanes-Oxley and Quack Corporate Governance, 90 MARQ. L. REV. 309, 321 n.65 (2006) (“The most significant cost of [SOX], one occasionally mentioned by others but not discussed in great detail, may be the opportunity costs associated with CEO and CFO review in connection with the certification process. To the extent officers decide to undertake substantial due diligence in connection with the process, this is time taken away from running the business.”); see also Paul S. Atkins, Commissioner, SEC, Remarks Before the International Corporate Governance Network 11th Annual Conference (July 6, 2006), http://www.sec.gov/news/speech/2006/spch070606psa.htm (noting that Section 404 is the law’s most costly provision because of the ways in which accountants and managers have implemented it). But see Brett H. McDonnell, In the Wake of Corporate Reform: One Year in the Life of Sarbanes-Oxley--a Critical Review Symposium Issue, 2004 MICH. ST. L. REV. 505, 513 (2004)
policy-makers have questioned whether these rules add more costs than benefits.\textsuperscript{250} To the extent compliance with these rules necessitates a significant amount of managers’ energy and time, that translates into time and energy not spent on wealth-creating activities. That is not to say that such rules do not have benefits, for surely firms and their constituents benefit where a firm has internal controls designed to prevent violations of law or accounting mischief. However, any measure of costs must include lost managerial time from wealth-enhancing measures, and the costs of having firms institute separate control systems for the management of the wealth-creating aspects of strategy and those designed to protect that wealth through controlling risk.

(“These [referring to SOX’s] internal control requirements go somewhat beyond existing law, but not all that far beyond.”).

\textsuperscript{250} See \textit{supra} note 203 and accompanying text; \textit{see also} Anna Fifield, \textit{Greenspan Predicts U.S. Governance Revamp}, \textsc{Fin. Times}, April 13, 2006, at 1. Some of the costs associated with compliance are expected to be reduced by the FASB’s recent adoption of Auditing Standards 5, which greatly simplifies the guidance given to management and auditors on how to test the effectiveness of ICOFR. Press Release, Sec. & Exch. Comm’n., SEC Approves PCAOB Auditing Standard No. 5 Regarding Audits of Internal Control over Financial Reporting; Adopts Definition of “Significant Deficiency” (Jul. 25, 2007) \textit{available at} http://www.sec.gov/news/press/2007/2007-144.htm.
The rule requiring firms to disclose whether their compensation policies and practices create risks that are reasonably likely to have an adverse effect also raises this concern. In particular, that rule tells companies that they need to ensure their compensation policies and practices in fact do not create such adverse risks. However, it fails to send any message encouraging such firms to tie compensation to the achievement of strategic goals, or the effective implementation of strategy. Surely this is a desirable outcome, especially in the current environment in which “pay for performance” is emerging as a best practice. Yet if, as a policy matter, executives should be paid for positive performance, then the law should encourage this outcome rather than simply ensuring they are not paid for non-performance.

Third, if managers become accustomed to engaging in a check-the-box exercise to ensure compliance with risk-based process regulations, that could prevent them from thinking outside of the box, so to speak, in creating unique and innovative new strategic processes designed to create wealth. That, in turn, would run counter to statement made by President Obama highlighting the need for the U.S. to resume its role as a leader in innovation. While that is not to say that

251 See supra note 219 and accompanying text.

252 See, e.g., Obama State of the Union 2011 (“The first step in winning the future is encouraging American innovation...What we can do—what America does better than anyone else—is spark
firms should ignore risk in pursuit of innovation, it does suggest that durable innovation requires a balancing of risk with potential returns as part of the strategic management process, and that innovation requires a certain amount of creative thought. Thus, we should be encouraging firms to engage in responsible risk-taking activities intended to generate long-term value, rather than excessive caution in light of extensive risk-based regulation, and couple that with appropriate disclosure so investors can gauge for themselves the appropriateness of that firm’s approach to wealth-creation for their portfolios.

Fourth, instituting disjoined risk and strategic management processes in response to lopsided disclosure rules flies in the face of Enterprise Risk Management (ERM). ERM promotes taking an enterprise-wide, holistic, top-down approach to managing risk.253 It is also what many view as the future of risk management.254 ERM recognizes that managing risk is essential to managing strategy, for it helps ensure that opportunities are discovered and timely fed into the creativity and imagination of our people. We’re the nation that put cars in driveways and computers in offices; the nation of Edison and the Wright brothers; of Google and Facebook. In America, innovation doesn’t just change our lives. It is how we make our living.”.


254 See, e.g., Bainbridge, supra note 17, at 982; Simkins & Ramirez, supra note 17, at 583 – 84.
the strategic planning process. In fact, the goal of ERM is to make risk part of the discussion of strategy. Unfortunately, federal disclosure rules that consider risk management entirely separately from strategic management validate independent processes that belie ERM’s holistic and integrated management approach. Thus federal securities laws help explain why most companies have not yet integrated their risk and strategic management functions.

Fifth, lopsided disclosure of risk and strategic management processes gives investors a misleading picture into processes designed to create firm value. That is because such lopsided disclosure gives investors an incomplete picture of the interrelatedness between risk and strategic management processes, which are designed to operate together to create value. On one hand, it tells investors how a firm manages its risk of loss from unplanned-for events. On the other hand, it fails to tell investors anything about the processes through which the plan from which a firm might deviate was created and executed.

In fact, the absence of information about how strategy is managed in light of current disclosure about how risk is managed might make the latter disclosure more opaque. In other words, investors might not be truly informed about a

255 See ELLEN HEXTER, RISKY BUSINESS: IS ENTERPRISE RISK MANAGEMENT LOSING GROUND? 20 (The Conference Bd. 2007) [hereinafter HEXTER, RISKY BUSINESS].

256 Tonello, supra note 231, at 7.

257 HEXTER, RISKY BUSINESS, supra note 255, at 8.
firm’s governance structure to manage risks if they do not know anything about the processes through which those risks were created in the first place.

That is not to say that investors must be told everything about a firm’s strategic management process; in fact, despite the large swath of information investors currently receive from public firms, they are given only limited information about risk management processes.\(^{258}\) However, that information is simply incomplete without disclosing, for example, how that process interplays with the strategic management process, and similarly, about how the process of creating and implementing strategy relates to the disclosed aspects of risk management.

For example, under the proxy enhancement rules implemented following the 2008 financial crisis, firms must disclose the role of their boards in overseeing the management of risk.\(^{259}\) This requirement makes it clear that the board should play a role—undoubtedly viewed as an important role, given that federal securities laws generally only require the disclosure of “material” information—in overseeing the management of risk. However, firms do not need to disclose any information about the board’s role in overseeing the firm’s strategic management

\(^{258}\) See discussion supra Section III.B.

\(^{259}\) See supra note 222 and accompanying text.
Such mismatch in disclosure might lead investors to believe that the board does not play any part in overseeing strategy, for if it did, such disclosure would surely be included. It also tells only part of the story about board oversight over firm processes to create value. After all, why should board oversight over processes to manage risk to prevent losses be more important to investors than board oversight over processes to generate gains? The fact that recent corporate crises stimulated this disclosure requirement should not mean the requirements should not also address board oversight over value-creation more broadly, especially where failing to do so gives investors a misleading picture of the board’s function within the firm.

The SEC has, on occasion, promulgated rules that in fact do give investors a more complete picture of risk and strategic management, including their interconnectedness. For instance, under CD&A, firms must disclose their bases for

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260 See Norges Bank Comment Letter, supra note 240 (“We would like to emphasis [sic] that board level risk management should be seen primarily in the context of the board's role in corporate strategy development. We would expect the board to understand and evaluate the market risk, credit risk and other business risk material to the activities of the company as part of the strategy process… As risk management should be seen as an integral aspect of strategy evaluation, execution, control, and communication we would like to caution that while establishing a board risk committee can sometimes be useful it will not free the board from treating risk as integrated in most of its decision making.”).
awarding compensation, including, for long-term compensation, the basis for allocating compensation to each different form of award.\textsuperscript{261} According to the applicable rule, this includes information about the relationship of the compensation award to achievement of long-term goals, as well as management’s exposure to downside equity performance risk.\textsuperscript{262} In other words, this disclosure does not merely call for information about compensation practices related to risk, but also about such practices related to the achievement of positive strategic objectives. Understanding that this disclosure might undermine the secrecy of a firm’s strategy, the SEC instructed firms how to provide this disclosure in a way that would not result in competitive harm.\textsuperscript{263} In that way, it did not confine the disclosure to only address the problematic relationship between compensation and risk, likely because that would have given investors an incomplete sense for a firm’s compensation policies and practices.

A final concern is that without a good sense for the processes that a firm employs to create value, investors inevitably will continue to look to earnings forecasts for insight into firm efforts to create wealth. Reliance on those forecasts, in turn, causes investors to pressure managers to focus their efforts not

\textsuperscript{261} \textit{See supra} note 97 and accompanying text.

\textsuperscript{262} \textit{Id.}

\textsuperscript{263} \textit{See supra} note 101 and accompanying text.
on processes to create sustained value, but on processes to meet or beat the numbers in those forecasts, regardless of how that affects the firm in the long-term.\textsuperscript{264} That is not to say the information about a firm’s strategic management efforts would eliminate this problem, for undoubtedly investors will continue to apply such pressure on managers to generate short-term returns so long as they receive such forecasts. However, those efforts may not be as successful if management had to adhere to disclosed processes for the creation of long-term value to avoid anti-fraud liability. Moreover, more public attention on long-term management processes may also enhance their image and value to investors.

Still, these concerns might not dictate that firms disclose their strategic management processes if requiring such disclosure could ruin a firm’s competitive advantage. However, the confidentiality of a firm’s strategy does not necessarily mean that its strategic management process is confidential. In fact, one of the primary reasons why the former is protected is because it allows a firm to not tip its hand to its competitor as to its future plans for creating wealth. A firm’s strategic management process, in contrast, is not a future plan but rather a \textit{current process}. Therefore, it does not reveal the direction the firm is headed. Moreover, information about strategic management processes would not seem to

be any more confidential than information about risk management processes. Yet Congress and the SEC have carefully laid out what firms must disclose about risk management so as to not force firms to disclose their strategies. Finally, the fact that some aspects of a firm’s strategic management process might be confidential does not dictate that the entire process is confidential. It simply counsels caution when designing a disclosure rule. Again, the fact that firms must disclose the level of board oversight over strategic management processes in response to shareholder requests for such information\(^\text{265}\) clearly indicates that some aspects of strategic management processes can be disclosed, while others can remain protected.

Given the extent of concerns raised above with firms providing imbalanced disclosure of risk and strategic management, and the fact that providing limited information about strategic management would not necessarily contravene a firm’s need to maintain the secrecy of its strategy, there needs to be a shift in the securities legal regime pertaining to strategic management. My proposal for addressing these concerns is discussed next.

\(^\text{265}\) See supra notes 178 – 80 and accompanying text.
B. Proposal

To address the concerns resulting from a mismatch in disclosure on risk and strategic management processes mentioned above, I propose a change in current SEC disclosure rules. Specifically, I propose that existing SEC rules be broadened to require public firms to disclose aspects about their strategic management processes that are equivalent to disclosed aspects of risk management processes. Moreover, under those same rules, firms should have to explain the relationship between disclosed aspects of their risk management and strategic management processes, so that investors can see how those two processes work together to create firm value.

To see my proposal in action, recall that under current SEC rules, firms currently must disclose the role of the board in overseeing the management of risk. Under my proposal, pursuant to an amended version of that rule, a firm would also need to disclose the board’s role in overseeing the management of strategy. Thus, investors of that firm would be able to make some judgment as to board oversight over those processes based on, for example, whether the entire board performed both oversight functions, or part of those oversight responsibilities were delegated to a board committee.

In addition, the firm would have to explain how the board’s risk management oversight role related to its strategic management oversight role. If,
for instance, a firm disclosed that its board oversaw the management of strategy but also disclosed that its audit committee oversaw the management of risk, the firm would also have to explain how the board fulfills its strategy oversight function in light of the fact that the full board does not oversee risk. If the audit committee regularly reported on risk to the full board, for instance, then that would have to be disclosed so that investors could understand how the board discharged its strategic oversight function without serving as the key risk overseer.\footnote{CalPERS, the largest public pension fund in the U.S., promoted such a balanced approach to disclosure in its comment letter to the SEC. \textit{See Anne Simpson, CalPERS, Comment Letter to the SEC Regarding Proxy Disclosure and Solicitation Enhancements} (Sept. 16, 2009) (“To balance this [referring to its proposal for more information about the board’s process for identifying, elevating and monitoring risk on a holistic basis], the disclosure should be linked clearly to the company’s strategy for value creation . . . ”).}

My proposal would also call for additional disclosure under ICOFR. Specifically, as I explained in Part III, the current focus of ICOFR is to ensure the reliability of a firm’s financial reporting and the preparation of financial statements for external purposes.\footnote{\textit{See supra} notes 194 – 97 and accompanying text.} It does not, however, regulate control over the implementation of a firm’s strategic plan. Thus, I propose that the SEC expand the definition of ICOFR to include such control. While this would expand
on SOX’s definition of ICOFR, SOX does not appear to limit the SEC’s ability to expand on the concept to capture related controls. Again, this change would reflect the fact that controls are necessary not only to avoid accounting manipulations and financial misstatements, but also to ensure a firm’s employees implement the strategy that has been selected for the organization, instead of making decision on the basis of their own compensation or other factors.

That being said, it does not seem necessary to require external auditors to attest to the component of control tied to strategy implementation, as those auditors generally focus on accounting and financial controls.268 Rather, this proposal could be implemented by including strategy implementation controls within the scope of ICOFR for purposes of managers’ annual ICOFR assessment and report, as well as for the CEOs’ and CFOs’ ICOFR certifications. That way, investors would be given some assurances about a firm’s commitment to ensuring its employees implement the firm’s strategy from the individuals who are responsible for overseeing that aspect of the strategic management process without forcing a firm to disclose exactly how it structures that process.

While the above examples explain how the SEC could modify its existing rules to reflect my proposal, my proposal is not intended to be limited to current

rules. Thus, under my proposal, if the SEC were to promulgate new rules requiring disclosure of risk management processes, it would also need to incorporate into those rules disclosure intended to reveal related aspects of strategic management processes, and how that interplays with disclosed risk management processes.

This proposal would cure the problems I highlighted above with the current disclosure regime. Specifically, it would dispel any notion that risk management is a stand-alone function performed independently from strategic management, as both processes would be disclosed together, with an emphasis on their relationship. It would also send the message to companies that regulators—acting to protect investors’ voting and financial interests—care not only about processes to protect value, but also about processes to create wealth. It would also avoid giving firms the impression that risk management is more important than strategic management. This, in turn, might spur firms to devote more resources to setting and executing on their strategies, with more awareness of, and hopefully appreciation for, the intricacies of those processes.

My proposal would also be consistent with the existing regime under federal securities laws, which often encourages best practices through
transparency rather than through mandates on specific conduct. In that way, no single strategic management process would be imposed on firms, allowing them to continue to experiment and improve their processes.

The new disclosure under my proposal would also give investors some basis to hold managers accountable under their fiduciary duties for failing to follow through with the strategic management processes they disclose. While fiduciary duty law would not currently provide the basis for such a suit, under a proposal I made in a prior article, directors and officers could be held liable for breaching their duty of oversight as a result of the failure to engage in strategic management processes. Thus this proposal would provide the information that investors would need to enforce the duties I proposed in that other article.

269 Ripken, Disclosure Antidote, supra note 18, at 151 (explaining the indirect influence disclosure has on corporate decision-making without necessitating the adoption of substantive rules of conduct). The Sarbanes-Oxley Act’s rule requiring public firms to disclose whether or not they had adopted a Code of Ethics meeting SOX’s specifications is an example of a disclosure mandate that attempts to change corporate governance practices. In that instance, firms adopted Codes that complied with SOX en masse to avoid having to disclose why they failed to have such codes in place. See Deloitte, Business Ethics and Compliance in the Sarbanes-Oxley Era 1 (2003), available at http://www.globalcompliance.com/pdf/BusinessEthicsandComplianceSurvey.pdf.

This benefit, too, counsels in favor of increasing disclosure of strategic management processes rather than removing current risk management disclosure requirements. That is because a balanced, non-disclosure approach would fail to ensure investors regularly received the kinds of information they would need to enforce these fiduciary duties.

My proposal will also hopefully spur firms to engage in long-term planning, which lies at the heart of strategic management. It would do that by essentially forcing firms to take those strategic steps that they disclose to investors as part of their strategic management process. While simply engaging in strategic management does not by itself assure a firm sustained success, it does help firms to be more deliberate and intentional in creating their long-term plans. This, in turn, would be expected to lead to more effective long-term plans.

Still, this proposal is no panacea for short-termism. That is because, as I discussed above, it is not just the absence of effective strategic management efforts that underlie short-termism. In fact, arguably my proposal will exacerbate the problem of short-termism, for it could paint a target on those companies that invest in long-term planning. Short-termists would then be able to press those companies for changes in their policies and strategies to bring about more short-term results.

271 See discussion supra Section II.B.
While that may be one possible effect of my proposal, the information that would be called for under my proposal would not necessarily displease short-term shareholders. That is because even short-term shareholders might support organizations with more deliberate and thoughtful management systems in place, even if those systems are focused on generating long-term value. In fact, increased transparency about processes designed to generate wealth over time would likely lead to an increase in current stock prices, as investors typically calculate a firm’s present value on the basis of its future earning potential.\(^{272}\) Thus my proposal—designed to foster more effective long-term planning—would not necessarily provide fodder to short-term shareholders seeking to extract more profits out of firms in the short term.\(^{273}\)

Furthermore, while my proposal does not purport to remove the market-distorting factors driving managerial myopia, it would supplement those proposals. It would do that by buttressing firm efforts to strategically plan and grow to create sustained wealth. With more emphasis on such strategic processes, firms could rely more on information generated under those processes and less on quarterly earnings forecasts in making their decisions.

\(^{272}\) See supra notes 74 & 139 and accompanying text.

\(^{273}\) In any event, in its rules effectuating my proposal, the SEC would need to be sensitive to the fact that short-term shareholders might use the new information in a way that undermines long-term planning. Thus it would need to carefully craft rules to avoid that outcome.
Refocusing firms on the management of strategy might also lead to a closer association between incentive compensation and achievement of the long-term objectives or strategies that are part of their strategic plans. That is because as firms are driven to engage in more long-term planning as a result of disclosure, they will hopefully spend more time creating effective long-term goals that can be used as performance targets. That might, in turn, decrease boards’ tendencies to rely on stock-based compensation, which has been found to lead to short-termism,\textsuperscript{274} to reward managers.

My proposal would also preserve the confidentiality of a firm’s strategy. As I discussed above, many firms derive value from the fact that their strategies are confidential.\textsuperscript{275} This proposal would protect that secrecy by focusing on the disclosure of identified, current processes rather than the disclosure of substantive, forward-looking plans. Yet it would allow investors to draw some conclusions about the strength of a firm’s strategy by looking at the strength of its strategic management process.

Still, critics will undoubtedly argue that some information about the strategic management process should remain secret.\textsuperscript{276} That is because such

\begin{footnotes}
\footnotetext{274}{See supra note 216 and accompanying text.}
\footnotetext{275}{See supra note 164 and accompanying text.}
\footnotetext{276}{DAVID, supra note 83, at 302.}
\end{footnotes}
secrecy can help a firm avoid undue criticism and second-guessing with respect to its process.\footnote{277 Id.}

However, the downsides to maintaining the secrecy of a firm’s strategic management process would seem to outweigh these benefits. For example, such secrecy might undermine the benefit of having open communications, not solely with insiders, but also with non-employee stakeholders, especially in the strategy formulation process.\footnote{278 See id.} In addition, as I argue above, such secrecy might undermine the ability of constituents like shareholders to hold managers accountable for their deficient processes.

Further, it seems unlikely that the information that would be disclosed under my proposal would be any more confidential than the equivalent information that is provided about risk management processes. That is because both processes undergird a firm’s creation of value. The primary difference is whether the process focuses on limiting losses (risk management) or on creating gains (strategic management). Yet critics have not suggested that the information that is currently provided about risk management processes is, or should be, confidential. In fact, the SEC might have switched its focus from requiring disclosure of substantive risk to requiring disclosure of risk management...
processes to prevent challenges such as those made to Item 305 of Regulation S-K—that information about risk may actually reveal confidential aspects of strategy.

Moreover, the SEC already precludes firms from excluding from their proxy statements shareholder proposals calling for information about the board’s role in overseeing a firm’s strategy, undermining the argument that such information relates to the firm’s ordinary business operations.\textsuperscript{279} And based on the nature of firms’ challenges to those requests, they do not view their strategic management oversight structures—a key components of that process—as confidential.

In any event, to the extent a firm did view as confidential an aspect of its strategic management process that would be required to be disclosed under my proposal, it should rest assured, as the SEC has already shown that it can be sensitive to firms’ needs to maintain information about strategy confidential. Namely, it has protected such confidential information through the design of its rules, its commentary to specific rules that might be interpreting as compromising the confidentiality of such information,\textsuperscript{280} and allowing confidential treatment 

\textsuperscript{279} See supra notes 178 – 80 and accompanying text.

\textsuperscript{280} See supra note 101 and accompanying text.
requests when necessary. Thus the SEC could—and would be expected to—continue to protect the secrecy of any confidential information that would be called for under my proposal.

Relatedly, critics might argue that there would be a burdensome duty to update the information called for under my proposal. However, the information called for under my proposal is about a current process in place—or at least about specified aspects about that process. Thus, unlike with forward-looking information, the future will not change the accuracy of disclosed aspects of a firm’s strategic management process.

If a firm does materially change a disclosed aspect of its strategic management process, indeed the firm would have to disclose such change. However, the burden of making such disclosure would be no greater than the burden that already exists on public companies to ensure, through their periodic reports, that their investors receive all material information about them. And this burden seems light in comparison to all of the other benefits of such disclosure mentioned above.

281 See supra note 96 and accompanying text.

282 See discussion supra Section III.A.

283 Presumably this would be required to be reported on the firm’s subsequently filed periodic report, or as a new item on a Current Report on Form 8-K.
A final challenge to my proposal is that some firms might actually not be cognizant of their strategic management processes in place. That is especially true as to processes to ensure strategy implementation, which often involves employees throughout a firm.

This challenge actually supports the adoption of my proposal, for it is hard to imagine how a firm can improve its internal management processes to further innovation if it is not conscious of their existence or nature.\textsuperscript{284} Thus, it is important for firms to be aware of those internal processes, not merely to comply with disclosure rules, but for the sake of fostering their own innovation.

Still, the skeptic will undoubtedly want to consider alternative solutions to the problems I have raised.

One potential alternative solution is to scale back current risk management disclosure requirements so that there is balanced nondisclosure of both risk and strategic management processes. However, this solution would fail to capture a number of the benefits of my proposal discussed above. For one, while such a solution would provide a more balanced approach to risk and strategic management processes, it would fail to drive firms to engage in these valuable processes. It also would fail to push firms to perform risk and strategic management processes in a holistic, integrated fashion as encouraged by ERM. In

\textsuperscript{284} See DAVILA ET AL., supra note 24, at 18.
addition, such an approach would fail to ensure investors received the information they needed to hold managers accountable for their risk and strategic management failings.

Still, it is arguable that without such regulation, firms would privately choose to provide such disclosure. However, the evidence belies this claim—that is, companies currently do not voluntarily disclose virtually anything about their strategic management processes. In fact, numerous companies have tried to convince the SEC why they should not have to disclose their respective boards’ roles in overseeing strategy in response to shareholder requests for this information. Thus it is highly unlikely that if left unregulated, public firms would voluntarily disclose those aspects of their strategic and risk management processes that investors would need to make educated investment decisions or to hold managers accountable for performing these functions.

The other logical alternative is to more heavily regulate firms to force them to engage in strategic management processes. For example, firms could be required to engage in these two wealth-creating processes.

This potential solution also has a number of downsides. For one, to the extent this type of requirement specified how firms would need to manage their

\[285\text{ See discussion supra Section III.B.1.}\]

\[286\text{ See discussion supra Section III.B.1.}\]
strategies, many of the benefits of strategic management would be lost. That is because there is no single “best” method. Rather, a firm’s process depends on its type and size, among other factors. 287 And even if current research suggested that there was a “best” method, mandating that all firms implement that method would prevent firms from experimenting and improving on those methods.

Alternatively, it is possible that firms could be required to engage in strategic management generally, without requiring them to implement any particular process. In fact, this is precisely what I have proposed in a prior article. In that other article, I proposed modifying state fiduciary duty law so that officers and directors would be obligated to oversee their firm’s strategic management process. 288 I focused on state law because officers’ and directors’ responsibilities to their constituents are governed by state law. Thus state law is the legal schema in which we would expect to find such a duty, rather than federal securities laws, which typically regulate through disclosure mandates rather than conduct mandates. 289

287 See DAVID, supra note 83, at 188, 213 (in terms of the formulation stage, noting a distinction between multidivisional firms and non-multidivisional firms as to which tools to use to help identify feasible alternative strategies, and in terms of the implementation stage, noting that strategy implementation varies substantially among different types and sizes of organization).


289 For a discussion of why such a duty should exist under state corporate law, see id. at 49 – 51.
Still, as I discussed in Section IV.A. above, shareholders’ ability to enforce that fiduciary duty is limited without information about what strategic management process management and the board is purporting to implement. Thus my proposal in this article buttresses such a strategic management duty, but is not unnecessary because of it.

V. Conclusion

From the throes of the financial crises of the twenty-first century has emerged a slew of laws and regulations focuses on curbing ill-advised risk-taking. While those laws and regulations suggest that risk is managed in a vacuum, risk does not exist separate and apart from the strategy whence it emerged. And ignoring the strategic management process in those laws and regulations creates more problems than it solves. To truly empower investors to make better investment decisions and to hold managers accountable, they need information about processes to create wealth, to give context to and shed light on information they increasingly receive about processes to manage risk to prevent losses. That will ensure they see both sides of the coin in their effort to make that coin go further.