

## Adam Smith, Behavioral Economist

Nava Ashraf, Colin F. Camerer and  
George Loewenstein

In *The Wealth of Nations*, published in 1776, Adam Smith famously argued that economic behavior was motivated by self-interest. But 17 years earlier in 1759, Smith had proposed a theory of human behavior that looks anything but self-interested. In his first book, *The Theory of Moral Sentiments*, Smith argued that behavior was determined by the struggle between what Smith termed the “passions” and the “impartial spectator.” The passions included drives such as hunger and sex, emotions such as fear and anger, and motivational feeling states such as pain. Smith viewed behavior as under the direct control of the passions, but believed that people could override passion-driven behavior by viewing their own behavior from the perspective of an outsider—the impartial spectator—a “moral hector who, looking over the shoulder of the economic man, scrutinizes every move he makes” (Grampp, 1948, p. 317).<sup>1</sup>

<sup>1</sup> A long-standing dispute has raged over whether Adam Smith’s view of human motivation as expressed in *The Theory of Moral Sentiments* complements or contradicts the view of human motivation expressed in *The Wealth of Nations*. Although much has been written about “das Adam Smith problem” of reconciling these texts, most modern Smith scholarship asserts that there is no essential contradiction between the texts. As the editors of the Glasgow Edition of the Works and Correspondence of Adam Smith edition of *The Theory of Moral Sentiments* write (Raphael and Macfie, 1976, p. 20), “the so called ‘Adam Smith problem’ was a pseudo-problem based on ignorance and misunderstanding. Anybody who reads *The Theory of Moral Sentiments*, first in one of the earlier editions and then in edition six, will not have the slightest inclination to be puzzled that the same man wrote this book and *The Wealth of Nations*, nor to suppose that he underwent any radical change of view about human conduct.”

■ Nava Ashraf is Assistant Professor in the Negotiation, Organizations and Markets Group at Harvard Business School, Cambridge, Massachusetts. Colin F. Camerer is Rea A. and Lela G. Axline Professor of Business Economics, California Institute of Technology, Pasadena, California. George Loewenstein is Professor of Economics and Psychology, Department of Social and Decision Sciences, Carnegie-Mellon University, Pittsburgh, Pennsylvania. Their e-mail addresses are <nashraf@hbs.edu>, <camerer@hss.caltech.edu> and <gl20@andrew.cmu.edu>, respectively.

The “impartial spectator” plays many roles in *The Theory of Moral Sentiments*. When it comes to choices that involve short-term gratification but long-term costs, the impartial spectator serves as the source of “self-denial, of self-government, of that command of the passions which subjects all the movements of our nature to what our own dignity and honour, and the propriety of our own conduct, require” (Smith, 1759 [1981], I, i, v, 26), much like a farsighted “planner” entering into conflict with short-sighted “doers” (Shefrin and Thaler, 1981; Meardon and Ortman, 1996). In social situations, the impartial spectator plays the role of a conscience, dispassionately weighing the conflicting needs of different persons. Smith (I, i, v, 29) recognized, however, that the impartial spectator could be led astray or rendered impotent by sufficiently intense passions: “There are some situations which bear so hard upon human nature that the greatest degree of self-government . . . is not able to stifle, altogether, the voice of human weakness, or reduce the violence of the passions to that pitch of moderation, in which the impartial spectator can entirely enter into them.”

Adam Smith’s psychological perspective in *The Theory of Moral Sentiments* is remarkably similar to “dual-process” frameworks advanced by psychologists (for example, Kirkpatrick and Epstein, 1992; Sloman, 1996; Metcalfe and Mischel, 1999), neuroscientists (Damasio, 1994; LeDoux, 1996; Panksepp, 1998) and more recently by behavioral economists, based on behavioral data and detailed observations of brain functioning (Bernheim and Rangel, 2004; Benhabib and Bisin, 2004; Fudenberg and Levine, 2004; Loewenstein and O’Donoghue, 2004). It also anticipates a wide range of insights regarding phenomena such as loss aversion, willpower and fairness (V. Smith, 1998) that have been the focus of modern behavioral economics (see Camerer and Loewenstein, 2004, for a recent review). The purpose of this essay is to draw attention to some of these connections. Indeed, as we propose at the end of the paper, *The Theory of Moral Sentiments* suggests promising directions for economic research that have not yet been exploited.

## Preferences and the Dual-Process Perspective

*The Theory of Moral Sentiments* is packed with insights about preferences, using the dual-process framework of the passions and the impartial spectator. Some of the discussion relates to aspects of individual preference and judgment: what we would today call loss aversion, intertemporal choice and overconfidence. Other parts of the discussion focus on preferences that arise in social contexts: altruism, fairness and how they together generate trust in markets.

### Loss Aversion

Approximately 200 years before Kahneman and Tversky (1979) identified the regularity in choices that has come to be known as “loss aversion,” Adam Smith (1759 [1981], III, ii, 176–177) displayed an acute awareness of loss-aversion as an experiential phenomenon: “Pain . . . is, in almost all cases, a more pungent sensation than the opposite and correspondent pleasure. The one almost always

depresses us much more below the ordinary, or what may be called the natural state of our happiness, than the other ever raises us above it.” Smith also drew attention to what behavioral economists would now refer to as the *underweighting of opportunity costs relative to out-of-pocket costs*. Smith (II, ii, *ii*, 121) notes that “breach of property, therefore, theft and robbery, which take from us what we are possessed of, are greater crimes than breach of contract, which only disappoints us of what we expected.”<sup>2</sup>

Modern research has produced a wealth of evidence from human behavior supporting both of these effects, and Capuchin monkeys also exhibit loss-aversion (Chen, Lakshminarayanan and Santos, 2005). Brain imaging technology has shown that that losses and gains are processed in different regions of the brain (O’Doherty, Kringelback, Rolls, Hornak and Andrews, 2001), suggesting that gains and losses may be processed in qualitatively different ways. Moreover, a body of literature has shown that when loss aversion is combined with narrow bracketing of decisions—the tendency to take decisions one at a time without considering the big picture—its effects are evident in asset returns (Benartzi and Thaler, 1997), labor supply (Camerer, Babcock, Loewenstein and Thaler, 1997), the reluctance to sell losing stocks and houses (Odean, 1998; Genesove and Mayer, 2001) and large gaps between buying and selling prices (Kahneman, Knetsch and Thaler, 1990).

### **Intertemporal Choice and Self-Control**

Intertemporal choice offers a straightforward application of Smith’s dual process model. Smith (1759 [1981], IV, *ii*, 273) viewed the passions as largely myopic: “The pleasure which we are to enjoy ten years hence, interests us so little in comparison with that which we may enjoy to-day, the passion which the first excites, is naturally so weak in comparison with that violent emotion which the second is apt to give occasion to, that the one could never be any balance to the other, unless it was supported by the sense of propriety.” “The spectator,” in contrast, “does not feel the solicitations of our present appetites. To him the pleasure which we are to enjoy a week hence, or a year hence, is just as interesting as that which we are to enjoy this moment” (IV, *ii*, 272).

The struggle between the myopic passions and farsighted impartial spectator appears later in behavioral economics in the form of a “doer” and “planner” in Shefrin and Thaler (1981; see also Benabou and Pyciak, 2002; Bernheim and Rangel, 2002). What are now called “quasi-hyperbolic discounting models” (Laibson, 1997), in a similar spirit, have also been used by Angeletos, Laibson, Tobacman, Repetto and Weinberg (2001) to study life cycle saving, by O’Donoghue and Rabin (1999) to study life cycle temptation and by Ashraf, Karlan and Yin (2004) to

<sup>2</sup> Thaler (1980), who first drew attention to the underweighting of opportunity costs relative to out-of-pocket costs, attributes it to loss aversion; opportunity costs are treated as foregone gains, rather than as losses.

study demand for committed savings in the Philippines.<sup>3</sup> Moreover, recent research in which decisionmakers' brains were scanned while they made intertemporal choices vindicates Smith's view that decisions that provide the potential for pleasures that we may enjoy today activate emotional regions of the brain in a way that decisions involving only delayed outcomes do not (McClure, Laibson, Loewenstein and Cohen, 2004).

### Overconfidence

Adam Smith (1776, I, x, 1) wrote about the "over-weening conceit which the greater part of men have of their own abilities," a pattern of judgment that influences preferences over risky choices. According to Smith, "the chance of gain is by every man more or less over-valued, and the chance of loss is by most men under-valued, and by scarce any man, who is in tolerable health and spirits, valued more than it is worth."

Smith's "overweening conceit" reappears in modern behavioral economics in the form of executive "hubris" that motivates the failure of so many mergers (Roll, 1986) and other business failures (Camerer and Lovallo, 1999) and can be derived theoretically from evolutionary considerations (Waldman, 1993; Compte and Postelwaite, 2005). Moreover, Smith's caveat that overconfidence only applies to those in "tolerable health and spirits" anticipates modern studies showing that people who are *not* in tolerable health and spirits—specifically, the clinically depressed—are the exceptional ones among us who are *not* optimistic wishful thinkers (for example, Taylor and Brown, 1994).

### Altruism

Judging from the extensive treatment that Adam Smith gave to sympathy in *The Theory of Moral Sentiments*, he viewed it as one of the more important passions. However, he also viewed sympathy as an extremely unreliable guide to moral behavior, sometimes falling short and sometimes exceeding what is morally required.

Smith argued that natural sympathy often falls short of what is morally justified by mass misery. In one evocative passage he noted the striking lack of sympathy that a resident of Europe would be likely to experience if an earthquake eliminated the population of China. After expressing "very strongly his sorrow for the misfortune of that unhappy people," Smith (1759 [1981], III, *iii*, 192–193) commented, such an individual would likely "pursue his business or his pleasure, take his repose or his diversion, with the same ease and tranquility as if no such accident had happened . . . . If he was to lose his little finger to morrow, he would not sleep to-night; but, provided he never saw them, he will snore with the most profound security over

<sup>3</sup> Using the terms of Laibson (1997), these are sometimes called  $\beta - \delta$  discounting models. Mapped roughly onto Smith's terms,  $\beta$  is the weight on all future outcomes, so that  $1/\beta$  represents the relative strength of the passions that prefer immediate rewards, and  $\delta$  is a conventional discount rate. Smith's passage above suggests that the impartial spectator uses  $\delta = 1$ .

the ruin of a hundred millions of his brethren.” Although modern media may help to bring vivid images of distant tragedies into people’s homes (like the 2004 Indian Ocean tsunami), thus reducing social distance, such imagery does so in a highly selective fashion that only amplifies Smith’s concerns. Recent incidents caught on videotape capture the public’s sympathies, but more serious problems that society may have adapted to, or that don’t lend themselves to vivid imagery, are as likely as they were in Smith’s time to elicit a paucity of sympathy.

In other cases, Smith believed that people experience sympathy that is completely out of proportion to the plight of the individual one feels sympathetic toward. “We sometimes feel for another, a passion of which he himself seems to be altogether incapable,” Smith (1759 [1981], I, i, i, 7–8) wrote. “What are the pangs of a mother, when she hears the moanings of her infant, that, during the agony of disease, cannot express what it feels? In her idea of what it suffers, she joins, to its real helplessness, her own consciousness of that helplessness, and her own terrors for the unknown consequences of its disorder; and out of all these, forms, for her own sorrow, the most complete image of misery and distress. The infant, however, feels only the uneasiness of the present instant, which can never be great.” Smith adds dryly that “we sympathize even with the dead,” who themselves experience nothing.

If humans were under the control of their passions, one could expect to observe extreme callousness alternating with remarkable generosity, with little logic or consistency governing the transitions. This tendency is manifested in the “identifiable victim effect,” in which people sympathize more with a known victim than with a statistical likelihood that a not-yet-known person is likely to become a victim (Schelling, 1984; Small and Loewenstein, 2003). In the political economy, fluctuations in sympathy probably influence public policies, creating huge inconsistencies in the implicit value that different policies place on saving a human life (Tengs and Graham, 1996).

Controlled economics experiments show some fluctuations in expressed sympathy, too. For example, in “dictator game” experiments, people simply divide a known sum of money between themselves and another person. Absent any knowledge about the target recipient, people offer an average of 20 percent (offers of nothing and half are most common; Camerer, 2003, chapter 2). When dictators know the recipient is the Red Cross, rather than a fellow student, the average allocation doubles (Eckel and Grossman, 1996). When the recipient stands up and gives a few facts about him- or herself, the average amount given goes up to half and the variance increases—as if dictators generally sympathize when they know a little about somebody, but also make snap character judgments of who is deserving and who is not (Bohnet and Frey, 1999).

These fluctuations in sympathy are moderated, according to Smith, by the impartial spectator. Returning to the case of devastation in China, Smith (1759 [1981], III, *iii*, 192) asks whether his representative European would be willing to “sacrifice the lives of a hundred millions of his brethren” to save the injury to his little finger. Smith concludes that the answer is “No”: “Human nature startles with horror at the thought, and the world, in its greatest depravity and corruption, never

produced such a villain as could be capable of entertaining it.” The impartial spectator recognizes (194) that “we are but one of the multitude, in no respect better than any other in it.”

### **Fairness**

Although Smith viewed altruism as a somewhat erratic force, he believed that other motivations played a more reliable civilizing role. Chief among these was fairness. Smith (1759 [1981], II, ii, *iii*, 125) writes: “Nature has implanted in the human breast, that consciousness of ill-desert, those terrors of merited punishment which attend upon its violation, as the great safe-guards of the association of mankind, to protect the weak, to curb the violent, and to chastise the guilty.” Smith believed this natural sentiment toward fairness was the source of the virtue of justice, which he saw as the “main pillar that upholds the whole edifice. If it is removed, the great, the immense fabric of human society . . . must in a moment crumble to atoms.” Moreover, Smith (129) viewed the desire for justice as something primal: “All men, even the most stupid and unthinking, abhor fraud, perfidy, and injustice, and delight to see them punished. But few men have reflected upon the necessity of justice to the existence of society, how obvious soever that necessity may appear to be.”

Modern research suggests that an innate concern for fairness extends even beyond humans to other primates. Capuchin monkeys will reject small rewards when they see other monkeys they perceive as undeserving getting more than they do (Brosnan and de Waal, 2002). Cotton-top tamarins will pull a lever to give marshmallows (which tamarins love) to other tamarins who have altruistically rewarded them with marshmallows in earlier lever-pulls more often than they will pull levers to tamarins who were not previously altruistic (Hauser, Chen, Chen and Chang, 2003).

The impartial spectator plays an essential role in fairness, by causing individuals to internalize other people’s sense of fairness. Smith (1759 [1981], III, *iii*, 195) argues: “There is no commonly honest man who does not dread the inward disgrace of such an action.”

### **Altruism, Fairness and Market Interactions**

Market interactions require, as Boulding (1969, p. 5) points out, “a minimum degree of benevolence, even in exchange, without which it cannot be legitimated and cannot operate as a social organizer.” Arrow (1974) also notes the importance of trust as a lubricant of exchange, economizing on the costs of gathering information about trading partners. For Adam Smith, a mixture of concern about fairness (enforced by the fear of negative appraisal by the impartial spectator) and altruism played an essential role in market interactions, allowing trust, repeated transactions and material gains to occur.

Smith described the beginnings of market exchange thus: “in a nation of hunters, if any one has a talent for making bows and arrows better than his neighbours he will at first make presents of them, and in return get presents of their

game. By continuing this practice he will live better than before and will have no occasion to provide for himself, as the surplus of his own labor does it more effectually” (Smith, 1762–1763 [1976a], p. 220).

As Jeffrey Young (1997, p. 62) remarks, “[T]he other regarding principles of human nature which bind people together in society are a necessary condition for the emergence of the exchange of surplus produce amongst neighbours. Smith uses the moral side of human nature to help him explain why voluntary agreement and not violence takes place when these two hunters meet.”

In experiments, norms of positive reciprocity often create trust where it has no business flourishing (according to the textbook view that emphasizes moral hazard when contracts are incomplete)—among strangers in one-shot transactions. For example, in simple “trust game” experiments, subjects decide how much money to put in a mailbox, and their investment is tripled (representing a socially productive return). A second subject takes the tripled money out and can keep it all, or repay some to the original investor. Most experiments show that the second subject *does* repay money, even in one-shot games that control for anonymity, and they typically repay just enough to make the investment worthwhile (Berg, Dickhaut and McCabe, 1995; Camerer, 2003, chapter 2). Experiments run in Russia, South Africa and the United States showed that many trustors do not even expect to make money, but are motivated to “invest” by pure “warm-glow” altruism (Ashraf, Bohnet and Piankov, 2003). Simple models that incorporate a preference for fairness or equality have been developed and applied to a broad range of games (Rabin, 1993; in this journal, Fehr and Gächter, 2000).

Furthermore, trust, as measured in simple surveys, is strongly correlated with economic growth (Knack and Keefer, 1997) (though the direction of causality is unknown). An anthropology experiment involving 15 small-scale societies found that in societies in which people buy and sell more often in markets, offers in ultimatum bargaining games are, perhaps surprisingly, closer to equal sharing than in less market intensive societies (Henrich, Boyd, Bowles, Gintis, Fehr and Camerer, 2004).<sup>4</sup> Adam Smith would not be surprised by the finding that markets are often built on motivations of fairness, altruism and trust—rather than on self-interest alone—yet this mixture of motivations remains a challenge to the modern economics profession.

<sup>4</sup> An “ultimatum game” has two players. The first player is given a sum of money. The player is instructed to offer some share of that money to the second player. If the second player accepts the division, then both players keep the money. If the second player rejects the division, both players receive zero. In a one-shot play of the game, if players are rational and self-interested, then the first player should offer the second player only a minimal amount, which the second player will accept because it is better than nothing. But when the game is actually played, small offers are commonly rejected (even for high stakes), and even in a one-shot game, it is common for the first player to offer a 50:50 split of the original stake. For expositions of the ultimatum game in this journal, see Thaler (1988) and Camerer and Thaler (1995).



## Consumption and Its Discontents

In *The Theory of Moral Sentiments*, Smith argues that much economic activity is the product of a forecasting error—people’s illusion that acquiring wealth, possessions and status will make them permanently happy. In fact, Smith (1759 [1981], III, *iii*, 209) argued, both pleasure and pain are often transient: “By the constitution of human nature, agony can never be permanent.” Following a calamity, he noted, a person “soon comes, without any effort, to enjoy his ordinary tranquility.” Smith further observed that people not only adapt quickly to circumstances, but underestimate such adaptation and, as a result, often overestimate the duration of happy and sad feelings:

A man with a wooden leg suffers, no doubt, and foresees that he must continue to suffer during the remainder of his life, a very considerable inconveniency. He soon comes to view it, however, exactly as every impartial spectator views it; as an inconveniency under which he can enjoy all the ordinary pleasures both of solitude and of society . . . . He no longer weeps, he no longer laments, he no longer grieves over it, as a weak man may sometimes do in the beginning.

Considerable modern research backs up Smith’s contentions. For example, Frederick and Loewenstein (1999) review diverse lines of research showing that ongoing conditions, such as health problems, incarceration, poverty and wealth have little long-term impact on subjective well-being. Indeed, Smith’s example of the man with a wooden leg foreshadows a classic study by Brickman, Coates and Janoff-Bulman (1978) showing that the happiness of paraplegics and lottery winners tends to revert surprisingly close to a normal baseline after their respectively tragic and wonderful life-changing events.

Perhaps even more important for economics than the fact that people adapt to ongoing conditions is the equally well documented finding that people are generally unaware of the extent to which they will adapt. A large body of contemporary psychological research suggests that people typically believe that pleasure and pain will last longer than they actually do (for example, Wilson and Gilbert, 2003; and Loewenstein, O’Donoghue and Rabin, 2003, for a summary of research on this point and discussion of implications for economics). Smith (1759 [1981], IV, I, 259) anticipated both points in *The Theory of Moral Sentiments*. Anticipating later findings documenting adaptation to material conditions, he expresses skepticism about the pleasure derived from possessions: “How many people ruin themselves by laying out money on trinkets of frivolous utility?” And he also devotes numerous pages of *The Theory of Moral Sentiments* to describing ways in which the anticipation of status gained was much better than the realization. Only at the end of life, when it was too late to remedy the situation, did Smith believe that the wealthy come to



recognize the folly of their ways—the paucity of pleasure they derive from all the goods they struggled so hard to procure (1759 [1981], IV, *i*, 260–261):

Through the whole of his life he pursues the idea of a certain artificial and elegant repose which he may never arrive at, for which he sacrifices a real tranquility that is at all times in his power, and which, if in the extremity of old age he should at last attain to it, he will find to be in no respect preferable to that humble security and contentment which he had abandoned for it. It is then, in the last dregs of life, his body wasted with toil and disease, his mind galled and ruffled by the memory of a thousand injuries and disappointments which he imagines he has met with from the injustice of his enemies, or from the perfidy and ingratitude of his friends, that he begins at last to find that wealth and greatness are mere trinkets of frivolous utility, no more adapted for procuring ease of body or tranquility of mind, than the tweezer-cases of the lover of toys.

Smith would have done well to heed his own advice. He worked himself so sick in drafting *The Wealth of Nations* that in 1773, he sent David Hume a letter making Hume his literary executor in case he should die before publishing his manuscripts (though as it turned out, Smith outlived Hume by 14 years).

Because the rich pursue ends that fail to make them happy, Smith (1759 [1981], IV, *i*, 265) believed that they end up being no more happy than the poor: “In ease of body and peace of mind, all the different ranks of life are really upon a level, and the beggar, who suns himself by the side of the highway, possesses that security which kings are fighting for” and “in what constitutes the real happiness of human life, [the poor] are in no respect inferior to those who would seem so much above them.” Indeed, a large body of modern research on the determinants of happiness has quite consistently found surprisingly weak connections between happiness and wealth or income, especially over time or across countries (Easterlin, 1974; Diener, and Biswas-Diener, 2002; Frey and Stutzer, 2002).

Yet while believing that consumption of goods, as well as wealth and greatness, all provide only “frivolous utility,” Smith believed that the productivity of market economy is driven by this “deception”—the misguided belief that wealth brings happiness. As Smith (1759 [1981], IV, *i*, 263–264) notes, “[I]t is this deception which rouses and keeps in continual motion the industry of mankind. It is this which first prompted them to cultivate the ground, to build houses, to found cities and commonwealths, and to invent and improve all the sciences and arts, which ennoble and embellish human life; which have entirely changed the whole face of the globe.”

Indeed, Adam Smith even invokes the “invisible hand”—a term that may be the the most prominent legacy of his work, although it occurs only once in *The Wealth of Nations* and only once in *The Theory of Moral Sentiments*—to argue that as the wealthy seek out goods and status that ultimately bring them little pleasure, they

inadvertently end up promoting the good of the poor.<sup>5</sup> Here is Smith's invisible hand (1759 [1981], IV, *i*, 264) in *The Theory of Moral Sentiments*:

In spite of their natural selfishness and rapacity, though they mean only their own conveniency, though the sole end which they propose from the labours of all the thousands whom they employ be the gratification of their own vain and insatiable desires, they divide with the poor the produce of all their improvements. They are led by an invisible hand to make nearly the same distribution of the necessities of life which would have been made had the earth been divided into equal portions among all inhabitants; and thus, without intending it, without knowing it, advance the interest of the society.

While perhaps overstating the case, when Smith refers to the equitable distribution of the necessities of life he is arguing that the distribution of things that actually bring happiness to people is far more equitable than the distribution of tweezer-cases and other “trinkets of frivolous utility.” That the things that really matter for happiness are more equitably distributed than those that don't may help to explain why cross-sectional differences in income seem to bring such small increments in happiness.

## Unexploited Ideas

Adam Smith's *Theory of Moral Sentiments* is not only packed with insights that presage developments in contemporary behavioral economics, but also with promising leads that have yet to be pursued. Here we enumerate four of them: 1) the desire to be well-regarded by posterity; 2) negative reactions to being misjudged; 3) mistaken belief in the objectivity of tastes; and 4) sympathy for the great and rich.

A *desire to be well-regarded by posterity* certainly drives the efforts of many creative professionals—artists, writers, architects and academic economists. As Smith (1759 [1981], I, *ii*, 169) comments, “Men have voluntarily thrown away life to acquire after death a renown which they could no longer enjoy. Their imagination, in the meantime, anticipated that fame which was in future times to be bestowed upon them.” A concern for one's reputation to posterity might be thought of as reserved for the richest and most powerful members of society, such as those whose names adorn buildings in universities and hospitals, but it is not limited to the rich. Economists have studied the bequest motive, which is no doubt partly fueled by this motive, but they have not yet explored what may be more potent effects of posterity on current decisions.

Economics generally assumes that people care about outcomes, not about the

<sup>5</sup> For discussion in this journal of the context for the “invisible hand” in *The Wealth of Nations*, see Persky (1989). For a discussion in this journal of the “invisible hand” in the context of *The Theory of Moral Sentiments* and Adam Smith's ethical system, see Evensky (1993).

source of outcomes. However, Adam Smith pointed out that people have *negative reactions to being misjudged* that go beyond the outcome. Smith (1759 [1981], III, ii, 174) drew special attention to one particular situation—that of “unmerited reproach,” which, he noted, “is frequently capable of mortifying very severely even men of more than ordinary constancy. . . . An innocent man, brought to the scaffold by the false imputation of an infamous or odious crime, suffers the most cruel misfortune which it is possible for innocence to suffer.” Research on “procedural justice” shows a substantial concern for whether a trial was fair, for example, as well as for the outcome of the trial (Lind and Tyler, 1988). One study showed that the propensity to file wrongful-termination lawsuits after firing is correlated with workers’ perceptions of whether their firing was just (controlling for expected payoffs from litigation; Lind, Greenberg, Scott and Welchans, 2000). This insight has interesting implications for principal-agent theory. Smith’s insights suggest that goodwill could be seriously eroded if a principal penalizes an agent who produced a low level of output due to bad luck rather than poor effort.

Ample evidence—beginning with the huge cross-cultural differences in tastes for food—suggests that tastes are subjective, based on culture, familiarity and so on. However, Smith argued that people underestimate such influences, having instead a *mistaken belief in objectivity of tastes*. Smith (1759 [1981], V, i) commented, “[F]ew men . . . are willing to allow, that custom or fashion have much influence upon their judgments concerning what is beautiful,” and they “imagine that all the rules which they think ought to be observed in each of them are founded upon reason and nature, not upon habit or prejudice.” Ross and Ward (1996) refer to the tendency for people to think their own tastes and beliefs are more legitimate and more widely shared than they really are as naïve realism. Naïve realism has potentially important implications for a variety of economic issues: gift-giving; negotiations in which both parties are likely to think that their own preferences are shared by the other side more than they are; principal-agent situations in which the principal has to set rewards for the agent; and sales and marketing (Davis, Hoch and Ragsdale, 1986). It can also lead to cultural conflict. If those in one society believe that eating monkey is *inherently* disgusting, then we are likely to disparage monkey-eaters, rather than treating the tastes of those who disagree as akin to tastes for opera or smelly cheese.

Finally, contrary to the sensible notion that one should sympathize with those less fortunate than oneself, Smith (1759 [1981], iii, ii, 72–73) argued that there is a natural tendency to experience *sympathy for the great and rich*:

When we consider the condition of the great, in those delusive colours in which the imagination is apt to paint it, it seems to be almost the abstract idea of a perfect and happy state. It is the very state which, in all our waking dreams and idle reveries, we had sketched out to ourselves as the final object of all our desires. We feel, therefore, a peculiar sympathy with the satisfaction of those who are in it. We favour all their inclinations, and forward all their wishes. What pity, we think, that any thing should spoil and corrupt so agreeable a

situation! It is the misfortunes of kings only which afford the proper subjects for tragedy.

Smith's description recalls the outpouring of grief after the accidental deaths of Princess Diana and John F. Kennedy Jr. Popular Magazines like *People* and *US*, and similar highly rated TV shows, are filled with stories about where athletes and stars shop, what they eat and wear and the ups and downs of their love lives. Fascination with celebrity of this sort also has a direct economic effect through the use of celebrities as marketing vehicles.

Smith believed both that this sympathy for the rich was a form of corruption based on a moral mistake, and also that it provided an important underpinning for social stability. Smith (1759 [1981], I, iii, *iii*, 84) described the moral mistake in this way: "[T]hat wealth and greatness are often regarded with the respect and admiration which are due only to wisdom and virtue; and that the contempt, of which vice and folly are the only proper objects, is most unjustly bestowed upon poverty and weaknesses, has been the complaint of moralists in all ages." Indeed, Smith further argued that the "disposition to admire, and almost to worship, the rich and the powerful, and to despise, or at least, to neglect, persons of poor and mean condition . . . is . . . the great and most universal cause of the corruption of our moral sentiments." However, Smith also held that this sympathy was "necessary both to establish and to maintain the distinction of ranks and the order of society." This sympathy for the rich may help to explain one of the puzzles of capitalism: the failure of the majority democratic societies to impose extremely high taxes on the richest members. Smith's perspective suggests the possibility that people don't want to tax the rich not because they expect to become rich themselves, as some have suggested, but because average citizens don't want to "spoil and corrupt" what they perceive as the "agreeable situation" of the rich!

## Conclusion

Adam Smith's actors in *The Theory of Moral Sentiments* are driven by an internal struggle between their impulsive, fickle and indispensable passions, and the impartial spectator. They weigh out-of-pocket costs more than opportunity costs, have self-control problems and are overconfident. They display erratic patterns of sympathy, but are consistently concerned about fairness and justice. They are motivated more by ego than by any kind of direct pleasure from consumption and, though they don't anticipate it, ultimately derive little pleasure from either. In short, Adam Smith's world is not inhabited by dispassionate rational purely self-interested agents, but rather by multidimensional and realistic human beings.

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