

Full Title: **A Theory of the Self for the Sociology of Morality\***

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## **A Theory of the Self for the Sociology of Morality**

There is a renewed interest in the study of morality in sociology. However, what is noticeably absent is a theory of the self that explains individual variation in moral behavior and emotions. In this research, we use identity theory to explain this variability. In identity theory, actors are self-regulating entities whose goal is to verify their identities. In whatever way individuals see themselves in terms of being a moral person, their moral identity guides behavior and they experience negative emotions when identity verification does not ensue. Furthermore, the identity verification process occurs within situations that have cultural expectations in the form of framing rules and feeling rules regarding how individuals should act and feel. These cultural expectations also influence the degree to which people behave morally. We test these assumptions on a sample of over 350 people. We investigate individuals' moral identity and how individuals frame situations in moral terms. The findings reveal that both the identity process and the framing of situations as moral are significantly associated with moral action and moral feelings of guilt and shame.

## **A Theory of the Self for the Sociology of Morality**

The sociology of morality is experiencing a resurgence in the discipline (Abend 2010). This is timely given a culture of unchecked consumption and greed that contributed to the 2008 downturn of the U.S. economy. Sociologists are re-examining issues discussed in earlier sociological work such as the relationship between the moral order and market society (Fourcade and Healy 2007), class and morality (Sayer 2010), and the moral order and community (Vaisey 2007). While morality helps maintain the social order, we must be careful not to reify the impact of social institutions on moral behavior and discount the self as an agent of moral action. If we recognize social actors as *moral* actors, then at issue is why some behave morally and others less so, and why some feel bad for immoral actions while others do not. Sociological theory and research is needed to understand this variability. For this, we need a theory of the self. We rely on identity theory in sociology to explain the internal operations of the self (Stryker [1980] 2002; Stryker and Burke 2000). We apply these internal operations to reveal individuals' variability as moral actors, and we test this theory on a sample of individuals.

We focus on the identity verification process in identity theory (Burke and Stets 2009). In identity theory, it is assumed that humans actively engage in goal-directed action as they interact with their environment. People continuously evaluate their actions in relation to their internal identity standard. Their identity standard defines who they are along various dimensions such as being (more or less) moral. Identity verification occurs when individuals' perceptions of who they are in situations correspond to their identity standard. Non-verification between their identity standard and who they are in situations generates negative emotions. Additionally, the identity verification process occurs within settings that are framed as (more or less) relevant to one's identity. The framing of situations has not been examined thoroughly in identity theory.

This study investigates how the internal identity process and the framing of the surrounding situation are associated with moral behavior and moral feelings.

### **Background**

Broadly speaking, morality represents cultural codes that specify what is right or wrong, good or bad, or acceptable or unacceptable in a society (Turner 2010; Turner and Stets 2006). The sociology of morality traditionally has emphasized how morality binds people together through a common system of rules and expectations during interactions as seen in the work of Durkheim, Goffman, and Collins. Durkheim (1965) revealed how morality emerges from the collective effervescence that occurs when people congregate in groups. In his studies of Aboriginals, he noted that the origins of religious and moral practice stemmed from ritual worship of cultural symbols (totems) that were attributed a sacred quality and aroused strong emotions in interaction. The power of cultural symbols resided in their ability to define appropriate moral behavior. Actions conforming to these expectations were virtuous; actions violating these expectations caused outrage.

For Durkheim (1961), morality controlled and integrated members of a society thereby generating social solidarity. Without a moral system, society was impossible as actors would act only with their own interest in mind, disregarding the collective interest. Self-serving action led to anomic conditions and was pathological for society; happiness resulted from social systems with strong moral orders. However, Durkheim did not give us insight into *why* some people behave morally and others do not. Since not everyone behaves morally, what explains this variation? The answer may reside in how individuals see themselves in moral terms and behave accordingly.

Like Durkheim, Goffman (1967) emphasized the importance of ritual activity. He saw interaction as characterized by rituals of openings and closings, entrances and exits, and corrections for deviant behavior. Interaction was also comprised of particular *frames* (Goffman 1974). Frames provide meaning for those embedded in an interaction, organizing and filtering roles and behaviors to be enacted. Unlike Durkheim, Goffman emphasized the self in interaction (Goffman 1959). His analysis of the self showed how individuals work at presenting a strategic image of themselves to others in a manner similar to how actors play out a script on stage (Goffman 1959). In playing their “part,” individuals inform others that they are adhering to the cultural script. When individuals commit blunders and role playing fails, embarrassment is felt and behavior is modified to realign actions with cultural expectations and preserve social interaction. In Goffman’s work, actors are attuned more to cultural and moral codes than to their identities and stable self-views. Individuals are motivated to behave in a certain way to effectively play out a cultural script rather than—as we will argue in this research—seek to verify their identities.

Collins (2004) extends Durkheim’s and Goffman’s analyses of ritual interaction. Ritual interactions include elements such as the physical co-presence of individuals, a common focus of attention, a common emotional mood, symbolic representations of a common focus, and a sense of moral virtue about symbols that mark group membership. As ritual activity continues in an interaction, emotions are aroused and build. Repeated and highly rhythmic ritual activity among group members produces collective effervescence including positive emotions and moral feelings that generate group solidarity.

Like Durkheim, Collins takes seriously the role of emotions in the moral order. He maintains that the motive underlying behavior in interaction is to experience and maximize emotional

energy. Positive emotional energy mobilizes individuals to initiate interactions; negative energy fails to instigate interactions. While Collins sees interactions that provide the most emotional energy as fostering the moral order, we will argue that the self and identity help build and maintain the moral order through moral actions and moral emotions. This is consistent with Weber's ([1922] 1968) view that we need to examine the patterns of individuals' actions—patterns that form the basis of social structures.

Weber (1978) saw moral values as residing within individuals. People carried beliefs about what was good/bad or right/wrong, and these beliefs influenced their behavior. Weber believed that scientists could investigate individuals' internal meanings about morality and their corresponding actions, but that scientists could not determine whether certain moral beliefs ought to exist. In the same way Weber conceived moral values as subjective and inspiring action, we see one's moral identity as guiding and regulating action and emotions within and across situations.

Psychologists rather than sociologists have looked to the individual as the source of moral action. For years, moral psychology addressed the question of how moral reasoning was related to moral behavior (Kohlberg 1981; Piaget 1965 [1932]). Over time it was discovered that a strong relationship between advanced moral reasoning and moral behavior did not exist (Blasi 1980). Instead, a *moral identity* rather than moral reasoning was seen as crucial (Blasi 1984). How one saw oneself along the moral dimension rather than adherence to particular moral principles influenced moral behavior. For two decades, Blasi advanced an understanding of the role of the self and identity in moral action, and it has gained appeal among many psychologists (e.g., Aquino, Freeman, Reed, Lim, and Felps 2009; Aquino and Reed 2002; Frimer and Walker 2009; Hardy 2006; Lapsley and Narvaez 2004; Narvaez and Lapsley 2009). Recent work

involves studying the relationship between how central or important the moral identity is in determining moral action (Aquino et al. 2009; Frimer and Walker 2009).

In the current research, we present a model of moral action that examines the cognitive (identity) aspect of the self and the affective (emotional) part of the self. Indeed, Blasi (1999) acknowledged that moral emotions motivate moral behavior as well as one's moral identity. For example, empathy motivates altruistic behavior and shame and guilt inhibit harmful behavior. More recently, other psychologists (Haidt 2001; Hardy 2006; Hoffman 2000) and neuroscientists (Greene, Sommerville, Nystrom, Darley, and Cohen 2001) have been investigating the relationship between moral judgments, moral behavior, and emotions. However, to advance the study of morality, we need a theoretical model that explicitly links the cognitive, behavioral, and emotional dimensions of the self, and then puts that theoretical model to the test. We do that in this research, and we use the identity model in sociology.

In identity theory (Burke and Stets 2009; Stryker [1980] 2002), when people have a moral identity, being (more or less) moral will influence their behavior in a situation. Others in the situation will react to their behavior. When individuals think others interpret their behavior in the same way that was intended by them, they feel good. When individuals think others in the situation interpret their behavior differently (as either less or more moral than how it was intended), they feel bad. These ideas are consistent with Blasi's early idea on the link between the moral identity and moral action through self-consistency (matching behavior to people's identity) (Blasi 1984). It also incorporates his later idea that emotions play a role in moral functioning (Blasi 1999).

Some situations may be defined in moral terms to a greater degree than other situations. For example, attending a church service may make morality more relevant in the situation than

attending a party. Recently psychologists have studied how “priming” morality in a situation, for example, having individuals review the list of Ten Commandments, may activate a moral self-view, and in turn, moral behavior (Aquino et al. 2009). However, we need a theoretical model that integrates the (internal) moral identity process with the (external) moral relevance of a situation. Identity theory provides this integration.

In general, while the study of morality appears in early sociological writings, there is no adequate conceptualization of the self which is needed in theorizing about the variability in moral action and moral feelings. Goffman comes close, but we find most relevant is his research on *frames* that provides meaning as to how a situation should be interpreted. While psychologists have attended to self and identity in the study of morality, an articulated and testable theory that integrates the moral identity, behavior, and emotions is needed, as well as a consideration of the situation within which it is embedded. For this, we turn to identity theory.

### **Identity Theory**

In the control systems approach of identity theory, when an identity is activated in a situation, a feedback loop is established (see Figure 1) (Burke and Stets 2009). This loop has six components: 1. the identity standard (the meanings of an identity), 2. output (behavior), 3. input (how people *think* others see them (reflected appraisals) in the situation), 4. a comparator (which compares the input with the identity standard), 5. emotion (that results from the comparison process), and 6. situation meanings (which vary in the degree of correspondence with identity standard meanings). We apply each component to the moral individual.

(Figure 1 about here)

***Identity Standard.*** The identity standard is the moral identity. This standard contains the *meanings* an individual associates with being a moral person. Meanings are individuals’

responses when they reflect upon themselves (Burke and Stets 2009). For example, a woman may have the meaning of being submissive when she thinks about how dominant she is, she may see herself as efficient when she thinks of herself as a worker, and she may define herself as dependable in her church group. Submissiveness, efficiency, and dependability are the meanings that help define her, and she will control these self-meanings when interacting with others so that they are maintained at a level (whether high or low) set by the person.

The moral person has typically involved meanings of *justice* and *care* (Gilligan 1982; Haidt and Kesebir 2010; Kohlberg 1981). While most agree that justice and care are fundamental to being moral, some argue that the dimensions of morality go beyond justice and care and include a broader spectrum of meaning. For example, some have identified the cross-cultural moral meanings of being autonomous, community-oriented, and acknowledging the divine (Shweder, Much, Mahapatra, and Park 1997). Others have identified the meaning dimensions of harm/care, fairness/reciprocity, in-group/loyalty, authority/respect, and purity/sanctity as moral foundations (Haidt and Graham 2009; Haidt and Kesebir 2010).<sup>1</sup>

We focus on the degree to which individuals are just and caring for several reasons. First, all cultures appear to promote moral values based on being just and caring (Hauser 2006). Second, our sample, while ethnically diverse, shares values associated with Western culture, thus we follow Western conceptions of morality that *tend* to value protecting the welfare and autonomy of individuals (Haidt and Graham 2009). While this minimizes an approach to the moral person that emphasizes ties to groups that may describe many non-Western countries, justice and care do not exclude the collective. Justice can be a collective enterprise particularly when it is imbued with meanings of cooperation and consensus within a group (Hegtvedt and Scheurman 2010). Care can also be collective enterprise as when our commitment and responsibility to others

generates a “we-feeling” and a collective sense of self. In studying justice and care, we do not claim that they characterize all meanings of morality, only that they represent important meanings.

**Output.** When an identity is activated in a situation, it guides behavior (Burke and Stets 2009; Stryker and Serpe 1982). More specifically, the meanings of the *behavior* (output) should correspond to the meanings held in the identity standard. For example, an individual’s self-meanings of being more just and caring should be related to behavior in a situation that carries meanings of being fair and supportive to others. Alternatively, self-meanings of being less just and caring should be associated with behavior that carries meanings that the person is acting unjust and is not being helpful. On average, moral behavior is conduct that is instilled with the expectation to do what is right or good based on social consensus such as behaving in a just and caring manner (Turner and Stets 2006). Given the above, our first hypothesis is that:

*H<sub>1</sub>: The higher the score of a person’s moral identity, the more likely the person will behave morally.*

**Input.** The input consists of meanings from the situation that influence how a person behaves and feels. There are two sources of these meanings: 1. reflected appraisals and 2. the definition of the situation. First, when a person enacts behavior, others react to the meaning of that behavior, and the person interprets this reaction. This is the *reflected appraisals*. It is how a person *thinks* others perceive him/her in the situation. For example, a woman may see herself as just and kind (meanings in her moral identity standard). She may enact behaviors consistent with these meanings such as treating another fairly and being supportive. Others in the situation may react to her behavior by telling her that she is fair and caring.<sup>2</sup> She will then interpret this reaction as consistent with how she sees herself.

A second source of the input is how one defines a situation. In defining a situation, one interprets the setting as containing meanings that characterize a particular social occasion or frame of interaction (Goffman 1974). Embedded within this frame of interaction are meanings related to goals to be achieved, roles to be played out, identities to be verified, behaviors to be enacted, and feelings to be expressed. An individual uses this definition of the situation to guide behavior and feelings.

**Comparator.** The reflected appraisals and definition of the situation are continuously fed into the comparator. The comparator relates the input meanings from both sources with the stored identity standard meanings. It produces an “error signal,” which is the difference between the input and the identity standard meanings. In thinking about this numerically, if an identity standard is set at 7 (on a scale of 0-10) for being caring, and others indicate that the person is acting “7” in terms of being caring, there is a perfect match between input and identity standard meanings. This is *identity verification*. However, if the person is perceived as acting a “5” in terms of being caring, there is a mismatch between input meanings and identity standard meanings. This is *identity non-verification*. Similarly, if meanings in the situation are defined in terms of something other than what is relevant for an identity, a discrepancy emerges between identity meanings and the situation meanings. For example, if the meanings in a situation are about acquiring wealth rather than behaving morally, there will be difficulty in verifying the moral identity.

**Emotion.** In identity theory, identity verification is associated with positive feelings and identity non-verification is related to negative feelings (Burke and Stets 2009). Compared to positive emotions, negative emotions drive the identity control system to reduce the inconsistency by behaving differently to change meanings in the situation. In the above example,

if the person's level of caring was perceived by others as a "5" rather than "7," the person might take the time to help others often and with increased intensity so that it signals meanings that one is caring. If the same person were perceived as a "10" in terms of care, the person might reduce their display of caring behavior toward others since the perceptions reveal "excessive caring" compared to the identity standard.<sup>3</sup>

Identity theorists typically examine generalized positive and negative emotions to the neglect of specific emotions. We study two specific moral emotions: guilt and shame. While many feelings might constitute moral emotions (Haidt 2003; Turner and Stets 2006), most research has focused on guilt and shame (Tangney and Dearing 2002b; Tangney, Stuewig, and Mashek 2007). Shame is more intensely felt than guilt. Shame is tied to violations of moral standards whereby the entire self is evaluated negatively, that is, the "whole self" is judged responsible for a violation. Persons reflect upon themselves as "horrible agents." They feel worthless to others and want to hide, escape, or strike back. Guilt involves behavior that is judged as bad. Rather than focusing on a "bad self" as in shame, guilty people focus on their "bad behavior," allowing a "good self" to still exist. Guilt leads people to feel remorse and regret, and this motivates them to confess, apologize, and repair wrongdoings. The distinction between shame and guilt is summarized in this way: Someone feeling shame would say, "*I did that bad thing*," someone feeling guilt would say, "*I *did* that bad thing*."<sup>4</sup>

Theoretically, we are interested in the commonalities between guilt and shame.<sup>5</sup> Both are intimately social because they involve others who may witness one's actions and evaluate them. When the feedback from others as to how one is viewed is discrepant with the person's self-view, this discrepancy will be associated with feelings of shame for not living up to one's own standards as well as guilt for having done something, the meanings of which signal an

inconsistency with one's identity standard meanings. Ultimately, guilt and shame keeps people integrated into society through internal monologues with the self and feedback from others (Turner 2010).<sup>6</sup> On the basis of the above, our second hypothesis is:

*H<sub>2</sub>: When there is a discrepancy between one's moral identity standard meanings and how moral the person thinks that others see him or her in a situation, the person will be more likely to report moral emotions.*

**Situation Meanings.** Identity theorists have not closely examined how people's definitions of situations influence behavior and emotions in those situations. Rather, they have focused on how changes in a situation may change the meaning of an identity. For example, researchers have examined how the birth of a child changes one's gender identity with women becoming more feminine and men becoming more masculine (Burke and Cast 1997). Alternatively, they have studied how salient identities are maintained in the face of changes in the situation such as retaining the athlete identity when one goes to college (Serpe and Stryker 1987).

We study the degree to which a situation is interpreted as relevant to moral considerations because this interpretation may be related to moral action and moral feelings. We label this the *cognitive* (interpretive) aspect of situation meanings. Individuals will likely draw upon shared symbols and definitions derived from culture to identify the degree to which situations contain moral meanings. For example, deciding whether a friend should drive home drunk or whether to donate to a charity will be more likely to be interpreted as containing moral meanings than deciding between two different detergent brands.

Researchers are beginning to investigate the influence of situational factors on moral behavior such as moral priming activating a moral self-view (Aquino et al. 2009), competing meanings in situations such as financial incentives weakening moral behavior, and the presence

of moral exemplars strengthening moral behavior (Aquino and Freeman 2009). Wikstrom's (2010) Situational Action Theory (SAT) of moral action is particularly relevant. Wikstrom addresses people's morality as well as the moral setting and argues that both are relevant in guiding moral actions. One's morality and moral context serve as a moral filter, defining what actions are appropriate in a situation. In identity theory, people's morality is the meanings in their moral identity. The moral context is individuals interpreting a situation as containing moral meanings. If individuals perceive meanings of good/bad or right/wrong behavior, a situation is high in moral content because there are moral meanings in the situation to attend to. In turn, this should influence moral behavior. Thus, our third hypothesis is:

*H<sub>3</sub>: The more a person defines a situation as containing moral meanings, the more likely the person will behave morally.*

Situation meanings also carry an *affective* aspect in the form of *feeling rules* which specify emotions individuals ought to experience, such as feeling sad at a funeral or happy at a party (Hochschild 1983). Feeling rules or emotion norms indicate the direction of an emotion (positive or negative), its intensity (from strong to weak), and its duration (from fleeting to lasting). They are not codified formally but are learned and reinforced in interaction. Like the cognitive aspect of moral situations, we expect people to draw upon cultural expectations about emotions that ought to be experienced when moral rules are present. The underlying feeling rules in moral situations involve the idea that individuals should feel guilt or shame when moral codes are violated. Knowledge of these feeling rules may serve to redirect a person away from immoral behavior in order to avoid the negative feelings.

More generally, our two aspects of moral situations – the cognitive and affective – are similar to Hochschild's (1979) discussion of *framing rules* and *feeling rules* in situations. While framing

rules indicate what interpretations and meanings individuals should give to situations, feeling rules specify how individuals ought to feel given the particular interpretation made by the framing rules. Consequently, we expect that:

*H<sub>4</sub>: The more a person reports that one should experience moral emotions following immoral behavior, the more likely the person will behave morally.*

Finally, we anticipate that a person who is attuned to both moral meanings *and* feeling rules in situations will be more inclined to experience moral emotions when enacting immoral behavior. This indicates an interaction effect. The awareness of meanings along the moral dimension in situations and the corresponding feeling rules associated with moral behavior should make one more attentive to his or her behavior. A violation in cultural expectations of behavior should produce guilt or shame. Therefore, we hypothesize that:

*H<sub>5</sub>: The more a person defines a situation as containing moral meanings but behaves immorally, the more likely the person will report moral emotions.*

*H<sub>6</sub>: The more a person reports that one should feel moral emotions for behaving immorally and engages in immoral behavior, the more likely the person will report moral emotions.*

**Summary.** We see individual variation in moral behavior and moral emotions arising from two sources. First are the moral meanings in the identity standard. Identity standards are always arrayed on a continuum of meaning. Thus, having a moral identity does not mean that one has meanings of being a good person, but rather that one has meanings that fall within a range, for example, of being very uncaring and unjust to very caring and very just. The goal is to live up to one's self-view however it is arranged across the moral continuum. When the meanings of one's

behavior based on feedback from others are inconsistent with the meanings in one's identity standard, the person will feel bad.

A second source of individual variation is situation meanings which have cognitive and affective components. When individuals interpret situations as moral and are attentive to the corresponding feeling rules for violating moral codes, they should be more likely to work to verify their level of morality in the situation. Under the guidance of feeling rules, they should be more likely to feel guilt or shame when they behave inconsistently. Thus, while the identity process involves persons acting to control perceptions of themselves in situations to match their moral identity standard, this process exists in an environment that carries varying degrees of moral meanings and emotion norms about morality.

We test these assumptions on over 350 students at a large southwestern university. Moral issues relevant to students may be different than moral issues relevant to non-students or older adults. However, as is clear in identity theory, one should study the meanings as they are understood by the people being investigated. Given our sample, we examine the moral issues that are relevant in students' lives.

### **Method**

Participants for this study were recruited from undergraduate sociology classes at a large southwestern university during the 2007-2008 academic year. The classes were a mixture of lower and upper division as well as general and specialized courses. For their participation, respondents were offered extra credit in their classes and a chance to win \$100 in a lottery. The response rate was 86% for a total of 369 individuals.

This was a two-part study. First, participants responded to a survey that measured their moral identity, moral behavior, and moral emotions. Three months later, they responded to a second

survey that measured moral meanings and feeling rules in situations. The delay in administering the second survey was to reduce the potential influence that the first survey might have on their responses. All respondents completed both surveys thus there was no attrition.

In the first survey, a measure of respondent's moral identity was obtained. Respondents also identified their behavior and emotions across a variety of situations in which individuals had the choice to do the "good" or "right" thing (see Appendix A). Respondents were to think about the last time they were in each situation and report what they did and how they felt following their actions. If they never experienced the situation, they were to imagine themselves in the situation and respond as to what they would do and how they would feel following their actions. Our analyses included only those respondents who *experienced* the situation. Most respondents reported experiencing each situation: Did/did not: 1. copy a student's answers (75%), 2. drive home drunk (42%), 3. take an item (66%), 4. give to charity (93%), 5. allow a student to copy one's answers (75%), 6. let a friend drive home drunk (67%), 7. return a lost item (84%), and 8. return money to a cashier (78%). In the second survey, the respondents were asked how they would rate each scenario in Appendix A in moral terms, and how they thought individuals ought to feel given particular courses of action in each situation.

The scenarios were a useful methodological procedure to get individuals to respond to a common set of experiences. To ensure they represented situations individuals likely experienced, a pretest was administered a year earlier to approximately 150 undergraduates in similar classes. The individuals identified three recent situations they experienced where they had a choice between doing the right or wrong thing. They described the situation in detail, including what choice they made and why. The situations most frequently listed were used in this study. Thus, we use situations relevant to the population from which we draw our sample. Past research has

tended to rely on a class of moral dilemmas known as the trolley car problems to assess people's moral decision making (Greene et al. 2001; Hauser 2006), and some have argued that we need more research on real-life dilemmas (Walker and Pitts 1998; Walker, Pitts, Hennig, and Matsuba 1995). This is what we have done. We do not claim that the scenarios we study represent the full domain of moral situations for all groups, only that they are situations students typically identify as moral situation in their everyday lives.

Table 1 reports the percentage of respondents who behaved morally across the situations. The relatively high percentages reporting good actions suggest that respondents may be portraying themselves in a socially desirable way. To investigate this, we consulted data on these same individuals from a laboratory study that simulated a testing situation where participants had the opportunity to cheat to get a higher score on a test (Stets and Carter 2011). If respondents were answering truthfully in the survey, those who reported that they were more likely to copy a student's answers in the survey would be more likely to cheat in the laboratory study. This is what we found. The odds of cheating in the laboratory study increased by 30% for those who reported copying a student's answers in the survey compared to those who had not reported copying (Odds Ratio=1.30,  $p < .01$ ). While not definitive, these findings suggest that our respondents were not simply answering in a socially desirable manner.

(Table 1 about here)

## **Measures**

### ***Moral Identity***

For the moral identity, we examine how people view themselves along the justice and care dimensions. Respondents were given a list of 12 bipolar characteristics used in prior studies: honest/dishonest, caring/uncaring, unkind/kind, unfair/fair, helpful/not helpful, stingy/generous,

compassionate/hardhearted, untruthful/truthful, not hardworking/hardworking, friendly/unfriendly, selfish/selfless, and principled/unprincipled (Aquino and Reed 2002; Stets and Carter 2006; Walker and Hennig 2004). Respondents were to think about what kind of person they thought they were for each pair of characteristics and place themselves along a continuum between the two contradictory characteristics. The value of 1 reflected agreement with one bipolar characteristic, 5 reflected agreement with the other bipolar characteristic, and 3 placed the respondent half way between the two characteristics.

This above measurement procedure, which has been used to capture the meanings of many identities in sociology (Burke and Stets 2009), follows the Osgood measurement technique of using a semantic differential to measure meaning (Osgood, Suci, and Tannenbaum 1957). Characteristics thought to capture relevant underlying meaning dimensions of an identity are placed on a scale of polar opposites, and individuals respond to the characteristic as they take themselves as an object. These characteristics are not traits, which are usually conceptualized as habitual dispositions to act in a certain way that is acquired through learning. Rather, they are *meanings* or sets of responses people provide when they think about themselves (Burke and Stets 2009). Individuals *control* these meanings at a particular level. Traits are not subject to control in the same way that people manage the particular level of meaning of an identity. The idea of individuals managing the level of identity meanings is a core assumption in the self-regulating identity model.

To examine whether the 12 bipolar items characterized care and justice, we rotated the first two factors of a factor analysis using oblique rotation. Factor one represented the following items we label *care*: caring/uncaring, unkind/kind, helpful/not helpful, stingy/generous, compassionate/hardhearted, friendly/unfriendly, and selfish/selfless. Factor two consisted of the

following items we tag *justice*: honest/dishonest, unfair/fair, untruthful/truthful, not hardworking/hardworking, and principled/unprincipled. The correlation between the two scales was .60. This suggests that care and justice are two facets of an underlying phenomenon: *morality*. From an identity perspective, a care identity and justice identity are very close in semantic space such that measuring one identity would capture important meanings on the other. Measuring both justice and care thus provides a more complete and accurate measure of individual morality.

Since identity meanings should correspond to behavior meanings, we also examined whether the behaviors in the scenarios were differently associated with the care and justice identity. Both identities predicted behavior equally well in half of the scenarios. In the other half, the care identity was a slightly better predictor, but no clear pattern emerged for why this occurred.<sup>7</sup> Taken together, these analyses suggest that care and justice are empirically inseparable. Future research should examine whether a care identity influences behaviors that are distinguishable from a justice identity as this is a limitation of the current study. In this study, we use the factor structure from the first unrotated factor. The factor loadings are presented in Table 2. Negatively worded characteristics were reverse coded, and the items were summed with a high score representing a more moral compared to less moral identity. For the analysis, the scale was standardized (mean = 0; standard deviation = 1).

(Table 2 about here)

In Figure 2, we provide a histogram of the moral identity scores in the original 1-5 metric units. Most people have a moral identity that is above the midpoint of the scale. Thus, most people identify themselves as relatively “good” or “moral” individuals. Even the lowest moral identity scores are at least at the midpoint of the moral-immoral dimension. Therefore,

throughout our analyses, having a more moral or less moral identity is in a relative sense. Those with a lower score are by no means immoral but simply lower on this scale compared to others in the sample.

(Figure 2 about here)

Finally, we examined whether individuals in our sample identified the 12 bipolar items as characteristic of morality. In the second survey, respondents were asked to rate each of the characteristics in terms of how moral they thought each item was to them, however they defined morality. Response categories ranged from -5 “Extremely Immoral” to 0 “Neither Immoral nor Moral” to +5 “Extremely Moral.” We then transformed these response categories into a 0-10 scale (0=Extremely Immoral to 10 = Extremely Moral). Negatively worded characteristics were reverse coded. The mean was high (mean = 7.52; standard deviation = 1.22). Thus, the respondents identified these items as strongly characterizing morality.

### ***Moral Identity Discrepancy***

The moral identity discrepancy measure compares one’s moral identity standard with how one thinks others see him or her (reflected appraisals) along the dimension of morality to determine the degree of difference (Burke and Stets 2009). Operationally, this is people’s moral identity standard minus how moral they think others see them in each situation. Following individuals’ reports of how they behaved and felt in each scenario, they reported how much they thought others saw them as being likeable, intelligent, moral, dominant, spiritual, attractive, reliable, loving, and competitive (from “Not at all” to “Very Much” (coded 0-6)). Their response to how they thought others saw them in moral terms serves as the reflected appraisals measure. The other characteristics were filler items to mask our interest in the moral dimension. We standardized the moral identity measure and reflected appraisal measure for each situation. Then,

we subtracted participants' standardized reflected appraisals measure for each situation from their standardized moral identity measure. Each value was squared so that a departure from zero in either a negative or positive direction meant an increased discrepancy.<sup>8</sup>

### ***Moral Behavior***

Moral behavior was respondents' reports of their conduct in each of the eight situations. It was coded 0-1 with 1 reflecting "good" or "right" behavior, and 0 reflecting "bad" or "wrong" behavior. Therefore, across the scenarios in the appendix, the following behaviors were coded 0: copied a student's answers (#1), drove home drunk (#2), took an item (#3), did not provide a donation (#4), let a student copy one's answers (#5), let one's friend drive home drunk (#6), did not return a lost item (#7), and did not return money to the cashier (#8). The alternative to each of the above behaviors was coded 1.

### ***Moral Emotions***

After participants reported how they behaved in each situation, they reported how they felt. The following six emotions were listed: happy, fearful, angry, sad, shameful, and guilty. Happy, fear, anger and sadness are four primary emotions, and shame and guilt are two critical secondary, moral emotions (Tangney, Stuewig, and Mashek 2007; Turner and Stets 2006). Response categories for each emotion ranged from "Not at all" to "Very Intense" (coded 0 to 6). We focus on the moral emotions of guilt and shame. The correlation between the respondents' guilt and shame was high ( $r = .90, p < .01$ ). Thus, the two items were summed with a higher score measuring more intense moral emotions.<sup>9</sup>

### ***Situation Meanings: Moral Meanings and Feeling Rules***

In the second survey, respondents were to think about each scenario and indicate the extent to which they saw the situation as morally meaningful. Half of the scenarios were worded in terms

of doing the “bad” action; the other half of the scenarios was worded in terms of doing the “good” action. Response categories ranged from “Extremely Immoral” to “Extremely Moral” (coded -5 to 5). When respondents evaluated good actions as extremely moral (+5) or bad actions as extremely immoral (-5), we took the absolute value of this variable to capture the potency of the moral imperative. A high absolute value represents a situation that had very high moral relevance. A low absolute value is a situation that is neither moral or immoral, that is, morality is not relevant in the situation. The variable was coded from 0 (morality is not relevant) to 5 (morality is highly relevant).<sup>10</sup>

Respondents also were presented these scenarios and asked to identify how someone *ought to feel* following particular actions. Again, half of the scenarios were worded in terms of doing the “bad” action, and the other half were worded in terms of doing the “good” action. The previously described six emotion measures were again used. We examine individuals’ responses to guilt and shame. This measure operationalizes emotion norms in the situation because individuals reported the degree to which people *should* feel guilt and shame following a bad or immoral behavior. The correlation between guilt and shame was high ( $r = .95, p < .01$ ). We summed the two items to create an overall emotions norm variable.

### **Analysis**

Since participants’ moral behavior in the survey is coded 0/1, we estimate this equation using logistic regression. We provide the odds ratio for a one-unit change in the independent variable. We estimate moral behavior to be a function of a higher score on the moral identity ( $H_1$ ), reports of moral framing rules ( $H_3$ ), and reports of moral feeling rules ( $H_4$ ). Since the moral emotion variable is continuous, we estimate this equation using ordinary least squares regression. We anticipate that individuals will be more likely to report guilt and shame when they experience a

moral identity discrepancy ( $H_2$ ), define a situation as moral but behave immorally (moral behavior  $\times$  meanings) ( $H_5$ ), and when they think people should experience moral emotions for immoral behavior and behave immorally (moral behavior  $\times$  feeling rules) ( $H_6$ ).

The unit of analysis in this study is an individual's response to each scenario. Since participants could respond to eight different scenarios, there are eight responses per person or a possible 2,952 responses. In standard regression models, the errors for individuals are assumed to be uncorrelated. Because individuals are responding to multiple scenarios, the errors for these scenarios are assumed to be correlated. In our estimation procedure, we use the cluster option in Stata to take into account these correlated errors.

We controlled for several key background characteristics that might influence moral behavior and moral emotions including respondents' sex, race/ethnicity, age, and income. We estimated the main effects of these demographic factors as well as their interaction effects. Across the moral behavior and moral emotions equations, sex was the only variable of significance, and it was only significant for the moral emotions equation.<sup>11</sup> Therefore, we present the findings with sex (coded 0 for female and 1 for male) included in this equation.

## **Results**

Table 3 presents the means and standard deviations for the variables. Most variables have been standardized (mean = 0; standard deviation = 1). More women (67%) than men (33%) participated. While the gender distribution is slightly different from the university from which this sample is drawn (women (52%) and men (48%)), other characteristics of our sample are similar to the university population. For example, respondents are ethnically diverse (13% White, 33% Latino/Chicano, 29% Asian, and 25% other) as is the university population (17% White, 29% Latino/Chicano, 40% Asian, and 14% other). The average age in this sample is 21,

which is the average age of students at this university. The average parental income is \$35,000-\$49,000 which is a somewhat lower than the average parental income of a university student (\$48,000-\$96,000).

(Table 3 about here)

Table 4 presents the zero-order correlations of the variables. To correct for individuals' responses to multiple scenarios, we use bonferroni significance levels. Table 4 shows that the moral behavior is associated with a high score on the moral identity ( $r = .14, p \leq .05$ ), and a low score on the moral emotions of shame and guilt ( $r = -.58, p \leq .05$ ). The moral emotions also are positively related to a discrepancy between people's moral identity standard and how they think others see them along the dimension of morality ( $r = .30, p \leq .05$ ). Not all people with a high score on the moral identity defined situations as containing moral meanings ( $r = .15, p \leq .05$ ). There is a great deal of individual variation in interpreting situations as containing moral meanings. However, when situations are defined as containing moral meanings, individuals are more likely to enact moral behavior ( $r = .24, p \leq .05$ ).

(Table 4 about here)

Table 5 presents analyses for our hypotheses. In column 1, the moral identity is positively associated with enacting moral behavior (Odds Ratio = 1.26,  $p \leq .01$ ). The odds of doing a good thing increase at least 25% for a one standard deviation increase in the moral identity. This supports Hypothesis 1 and is consistent with the idea that the meanings in one's identity standard influence behavior that implies the same meaning. Further, and independently, interpreting situations as containing moral meanings increases the odds of behaving morally by at least 60% (Odds Ratio = 1.61,  $p \leq .01$ ) (Hypothesis 3). Finally, a one standard deviation increase in being aware of the feeling rules of moral situations increases the odds in behaving morally by almost

20% (Odds Ratio = 1.19,  $p \leq .01$ ) (Hypothesis 4). In general, identity meanings and situation meanings significantly and independently relate to moral behavior.

(Table 5 about here)

Column 2 presents the results for reports of guilt and shame.<sup>12</sup> The moral identity is not associated with moral emotions directly; however, there is an indirect association by way of moral behavior. Thus, a mediation model is operating. The moral identity is related to moral behavior, and moral behavior, in turn, is linked to moral emotions. We also find that a discrepancy in the moral identity is related to an increase in reports of moral emotions ( $\beta = .13$ ,  $p \leq .01$ ) (Hypothesis 2).

When individuals define a situation in moral terms and engage in moral behavior, it is associated with a decrease in reports of guilt and shame ( $\beta = (.18) + (-.32) = -.14$ ,  $p \leq .01$ ) (Hypothesis 5). Table 6 shows the interaction more clearly. Among those who define the situation with strong moral meanings, there is a large difference in the experience of moral emotions given moral and immoral behavior. Those who act immorally when the situation is defined as having strong moral meanings have a large increase in the average level of moral emotions, while those who act morally have a strong reduction in the average level of moral emotions. This difference diminishes as the perceived level of moral meanings in the situation diminishes. Even at the lowest level of moral meanings where respondents do not view the situation in moral terms, there is still a significant difference in the level of moral emotions between those who do and do not engage in moral behavior. We must remember, however, that almost all respondents have a level of moral identity that is above the midpoint on the scale. This is apparently enough to make them feel bad for behaving immorally even in situations not seen to have strong moral significance.

(Table 6 about here)

The results in Table 5 also reveal that when individuals engage in bad behavior, and they report that people should feel guilt and shame for immoral behavior, it is associated with an increase in their reports of moral emotions ( $\beta = .42, p \leq .01$ ) (Hypothesis 6). When they enact good behavior, this feeling rule is associated with a decrease in reports of moral emotions ( $\beta = (.42) + (-.27) = .15, p \leq .01$ ). Thus, it is not only morally charged situations when combined with moral behavior that is linked to reduced reports of moral emotions, but also the feeling rules associated with these situations that when combined with moral behavior is associated with a decline in reports of moral emotions.

We highlight additional findings on our moral emotions equation. First, reports of good behavior are negatively associated with reports of guilt and shame ( $\beta = -.43, p \leq .01$ ). There also are two significant sex interaction effects:  $\text{sex} \times \text{feeling rules}$  and  $\text{sex} \times \text{moral behavior}$ . The first interaction indicates that when considering the degree to which one should feel bad for immoral behaviors, men are *less likely* than women to report moral emotions for average levels in feeling rules ( $\beta = -.35, p \leq .01$ ). For one standard deviation increase in feeling rules, women report more moral emotions than men ( $\beta = .42$  (women) vs.  $\beta = (-.35) + (.42) + (-.07) = 0$  (men)). Thus, the feeling rules are related to women's reports of moral emotions more than men's reports. The second interaction reveals that men are *less likely* than women to report moral emotions for immoral behavior ( $\beta = -.35, p \leq .01$ ). There are no gender differences in reports of moral emotions for enacting moral behavior ( $\beta = (-.35) + (-.43) + (.31) = -.47$  (men) and  $\beta = -.43$  (women)).

In general, our hypotheses are supported. Consistent with identity theory, the moral identity is positively associated with moral conduct. Additionally, situations that are imbued with moral

meanings along the cognitive and affective dimensions are associated with the enactment of moral behavior. We find that reports of moral emotions are less likely to occur when individuals engage in moral behavior, they interpret the situation as morally meaningful, and they are attentive to the emotion norms that shore up negative emotions for immoral behavior. Additionally, reports of moral emotions are positively related to identity non-verification. These moral emotions emerge not only when individuals claim a relatively high moral identity and then perceive that others do not agree that they are behaving in a good manner, but also when they claim a relatively low moral identity and find that others do not view their behavior as bad. Thus, it is both ends of the identity meaning continuum that may be inconsistent.

### **Discussion**

Studying the moral self is opportune given the unregulated practices of stock brokers, investment advisors, and mortgage lenders whose behavior facilitated the recent economic recession. The cost of their irresponsible practices has touched the lives of many innocent victims as witnessed in the loss of individuals' retirement savings, homes, and jobs. The fact that a few greedy actors have the potential to damage the lives of many (as evidenced in the Bernie Madoff case) brings issues of what is right and wrong, good and bad, and just and unjust to public awareness. In order to understand the illicit behavior of some, we need to study the moral dimension of the self and what makes some individuals more dishonest than others within and across situations.

Identity theory provides an explanation for understanding this variability—variability that was not discussed by Durkheim, Goffman, or Collins. While psychologists address this individual variability, they lack an integrated theory that is provided by identity theory which brings together moral cognition, moral behavior, moral emotions, and situation meanings. Moral

cognition is the control of perceptions in the situation to match internal moral identity meanings. Moral behavior is action in the service of moral identity meanings. Moral emotions are the feelings following the lack of verification of the moral identity. Situation meanings are the cultural milieu in which the moral identity process takes place.

The moral identity standard locates individuals along a range of meanings from low to high. Wherever individuals are located on this continuum, they act with the goal of verifying their identity meanings. We found that those with a high moral identity score were more likely to behave morally while those with a low moral identity score were less likely to behave morally. However, it is not simply individuals' moral identity meanings that guide behavior, but the relationship between these meanings and the perceived meanings of who they are in a situation. What is crucial is that there is a match in the two sets of meanings. Those who received feedback from others that did not verify their moral identity standard were more likely to report guilt and shame than those whose identities were verified.

In identity theory, it does not matter whether identity non-verification is due to individuals failing to live up to their identity standard or exceeding their identity standard. In either case, they see that they are not morally acceptable given the standard they have set for themselves. Exceeding their moral standard may generate the view that they are a "moral fraud" while failing to meet their moral standard may result in feeling "morally inadequate." Either situation will be associated with feelings of shame for not meeting their standard and guilt for having enacted behavior that is inconsistent in meaning with their moral identity meaning.

Individuals' identities are enacted within situations that carry their own shared meanings about how to behave and feel. Individuals interpret the cultural context in ways that make their identities and their surroundings meaningful to them. We found that when individuals defined

situations as morally meaningful both cognitively and affectively, these definitions were associated with acting morally; when they behaved immorally, they were more likely to feel guilt and shame. Thus actions and feelings are embedded in particular frames that provide additional meanings that are relevant to one's identity. Internal identity meanings and external cultural meanings coalesce to influence moral action and feelings within and across situations.

The fact that the results revealed that the identity process operates similarly across key demographic variables such as race, age, and income suggests that identity theory is a general theory of action. However, we did find a significant difference between men and women regarding their experience of moral emotions. Women were more likely than men to report guilt and shame when behaving immorally. Research does reveal that women have a tendency to report guilt and shame more than men (Tangney and Dearing 2002a). Women's greater vulnerability to feelings of guilt and shame may be due to their traditional gender roles of caring for others or their tendency to be more interpersonally-oriented than men (Brody and Hall 2008). We also found that feeling rules of the situation were more likely to be associated with women's reports of guilt and shame. Given women's tendency to be interpersonally-oriented, they may take into account the feeling rules in a situation more than men so as not to disrupt social relationships. The explanations for the sex differences are speculative, and future research needs to investigate them more closely.

There are shortcomings to this research. The data are cross-sectional so we do not know how the identity process unfolds in real time. For example, according to identity theory, if people repeatedly experience identity non-verification, they may change their behavior (output) or change their perceptions of self-in-situation meanings (input) to achieve verification. However, while one or both of these are occurring, changes in one's identity standard are also happening,

although at a much slower rate (Burke and Stets 2009). Future research is needed to examine how individuals respond to moral identity disruptions including how moral identity meanings may change over time.

Another shortcoming is that we did not examine how others in the situation may influence how an interaction is framed. In the case of morality, others may augment or reduce moral meanings in the situation. For example, our findings revealed that behaving immorally when a situation is defined as morally relevant is associated with guilt and shame. However, these feelings may be tempered in a situation if important others such as family and friends define the situation not in moral terms but in some other way. Even high status others in the situation may be influential in how a situation is defined, thereby making moral meanings more or less relevant. The nature and degree of influence others have in framing situations as moral situations is an important avenue for future research.

Future work is also needed to study other meanings of the moral person than justice and care. Morality may entail a focus on community, loyalty, and respect for others. These meanings underscore ideas of interdependence, cohesiveness, and attachment to groups. If individuals do not adhere to moral codes, identity non-verification may produce feelings of guilt and shame in the violator, but group members may also feel the moral emotions of anger, contempt, or disgust (Haidt 2003). Because identities exist in a mutually verifying contexts with each actor attempting to verify the identity of the other (Burke and Stets 2009), immoral behavior by one person will likely disrupt the identity verification of other group members. In turn, this can lead to negative feelings by other group members such as anger or disgust. Empirical research is needed regarding these interpersonal and emotional dynamics.

Finally, more research is needed to identify the source of one's moral identity meanings. Exposure to particular social contexts and individuals may encourage a higher moral identity. For example, when parents are involved in their children's lives, their children are more likely to recognize moral values (Hardy, Padilla-Walker, and Carlo 2008). Schools can also sensitize individuals to moral meanings by providing an atmosphere that fosters justice, virtue, and volunteering (Atkins, Hart, and Donnelly 2004). Different religious traditions that promote reflection on moral issues and foster charitable work also help individuals recognize moral meanings (Hart and Atkins 2004).

In advancing the sociology of morality, we have constructed an argument that is different from the perspective of Durkheim, Goffman, Collins, and Weber. Rather than seeing moral action and emotions as emerging from cultural expectations in interaction *or* from individuals' internal meanings about morality, both internal meanings and situation meanings are the source of moral behavior and feelings. The individual variability in moral behavior and feelings results from the complex interplay between the variation in internal moral identity meanings persons seek to verify and the variation in the definitions of moral meanings embedded in a situation. Thus, the control system approach of identity theory in sociology becomes an important way to understand moral action and moral emotions.

## References

- Abend, Gabriel. 2010. "What's New and What's Old about the New Sociology of Morality." Pp. 561-586 in *Handbook of the Sociology of Morality*, edited by S. Hitlin and S. Vaisey. New York: Springer.
- Aquino, Karl and Dan Freeman. 2009. "Moral Identity in Business Situations: A Social-Cognitive Framework for Understanding Moral Functioning." Pp. 375-395 in *Personality, Identity, and Character: Explorations in Moral Psychology*, edited by D. Narvaez and D. K. Lapsley. New York: Cambridge University Press.
- Aquino, Karl, Dan Freeman, Americus II Reed, Vivien K. G. Lim, and Will Felps. 2009. "Testing a Social-Cognitive Model of Moral Behavior: The Interactive Influence of Situations and Moral Identity Centrality." *Journal of Personality and Social Psychology* 97:123-141.
- Aquino, Karl and Americus II Reed. 2002. "The Self-Importance of Moral Identity." *Journal of Personality and Social Psychology* 83:1423-1440.
- Atkins, Robert, Daniel Hart, and Thomas M. Donnelly. 2004. "Moral Identity Development and School Attachment." Pp. 65-82 in *Moral Development, Self, and Identity*, edited by D. K. Lapsley and D. Narvaez. Mahwah, New Jersey: Lawrence Erlbaum.
- Bandura, Albert. 1999. "Moral Disengagement in the Perpetration of Inhumanities." *Personality and Social Psychology Review* 3:193-209.
- Blasi, Augusto. 1980. "Bridging Moral Cognition and Moral Action: A Critical Review of the Literature." *Psychological Bulletin* 88:1-45.
- . 1984. "Moral Identity: Its Role in Moral Functioning." Pp. 128-139 in *Morality, Moral Behavior, and Moral Development*, edited by W. M. Kurtines and J. L. Gewirtz. New York: Wiley.
- . 1999. "Emotions and Moral Motivation." *Journal for the Theory of Social Behaviour* 29:1-19.
- Brody, Leslie R. and Judith A. Hall. 2008. "Gender and Emotion in Context." Pp. 395-408 in *Handbook of Emotions*, edited by M. Lewis, J. M. Haviland-Jones, and L. F. Barrett. New York: The Guilford Press.

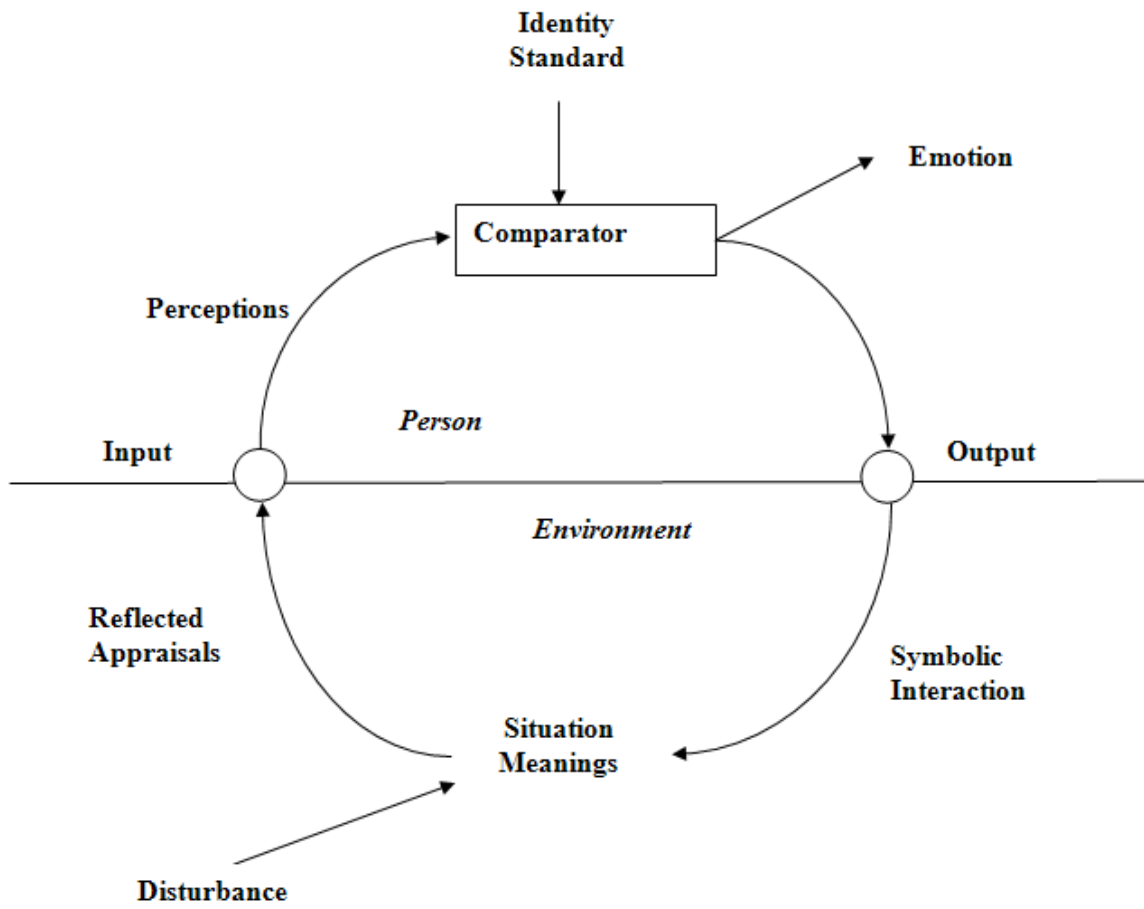
- Burke, Peter J. 2006. "Perceptions of Leadership in Groups: An Empirical Test of Identity Control Theory." Pp. 267-291 in *Purpose, Meaning, and Action: Control Systems Theories in Sociology*, edited by K. A. McClelland and T. J. Fararo. New York: Palgrave MacMillan.
- Burke, Peter J. and Alicia D. Cast. 1997. "Stability and Change in the Gender Identities of Newly Married Couples." *Social Psychology Quarterly* 60:277-290.
- Burke, Peter J. and Michael M. Harrod. 2005. "Too Much of a Good Thing?" *Social Psychology Quarterly* 68:359-374.
- Burke, Peter J. and Jan E. Stets. 2009. *Identity Theory*. New York: Oxford University Press.
- Collins, Randall. 2004. *Interaction Ritual Chains*. Princeton, NJ: Princeton University Press.
- Durkheim, Emile. 1961. *Moral Education: A Study in the Theory and Application of the Sociology of Education*. New York: Free Press.
- . 1965. *The Elementary Forms of the Religious Life*. New York: Free Press.
- Fourcade, Marion and Kieran Healy. 2007. "Moral Views of Market Society." *Annual Review of Sociology* 33.
- Frimer, Jeremy A. and Lawrence J. Walker. 2009. "Reconciling the Self and Morality: An Empirical Model of Moral Centrality Development." *Developmental Psychology* 45:1669-1681.
- Gilligan, Carol. 1982. *In a Different Voice: Psychological Theory and Women's Development*. Cambridge, MA: Harvard University Press.
- Goffman, Erving. 1959. *The Presentation of Self in Everyday Life*. Garden City, NY: Doubleday.
- . 1967. *Interaction Ritual: Essays on Face-to-Face Behavior*. Garden City, NY: Anchor Books.
- . 1974. *Frame Analysis: An Essay on the Organization of Experience*. New York: Harper and Row.
- Greene, Joshua D., R. Brian Sommerville, Leigh E. Nystrom, John M. Darley, and Jonathan D. Cohen. 2001. "An fMRI Investigation of Emotional Engagement in Moral Judgment." *Science* 293:2105-2108.
- Haidt, Jonathan. 2001. "The Emotional Dog and Its Rational Tail: A Social Intuitionist Approach to Moral Judgment." *Psychological Review* 108:814-834.

- . 2003. "The Moral Emotions." Pp. 852-870 in *Handbook of Affective Sciences*, edited by R. J. Davidson, K. R. Scherer, and H. H. Goldsmith. New York: Oxford University Press.
- Haidt, Jonathan and Jesse Graham. 2009. "Planet of the Durkheimians: Where Community, Authority, and Sacredness are Foundations of Morality." Pp. 371-401 in *Social and Psychological Bases of Ideology and System Justification*, edited by J. T. Jost, A. C. Kay, and H. Thorisdottir. New York: Oxford.
- Haidt, Jonathan and Selin Kesebir. 2010. "Morality." Pp. 797-832 in *Handbook of Social Psychology*, edited by S. T. Fiske, D. T. Gilbert, and G. Lindzey. New York: John Wiley and Sons.
- Hardy, Sam A. 2006. "Identity, Reasoning, and Emotion: An Empirical Comparison of Three Sources of Moral Motivation." *Motivation and Emotions* 30:207-215.
- Hardy, Sam A., Laura M. Padilla-Walker, and Gustavo Carlo. 2008. "Parenting Dimensions and Adolescents' Internalization of Moral Values." *Journal of Moral Education* 37:205-223.
- Hart, Daniel and Robert Atkins. 2004. "Religious Participation and the Development of Moral Identity in Adolescence." Pp. 157-172 in *Nurturing Morality*, edited by T. A. Thorkildsen and H. J. Walberg. New York: Kluwer Academic/Plenum.
- Hauser, Marc. 2006. *Moral Minds: How Nature Designed Our University Sense of Right and Wrong*. New York: Harper Collins.
- Hegtvedt, Karen A. and Heather L. Scheuerman. 2010. "The Justice/Morality Link." Pp. 331-360 in *Handbook of the Sociology of Morality*, edited by S. Hitlin and S. Vaisey. New York: Springer.
- Higgins, E. Tory. 1987. "Self-Discrepancy: A Theory Relating Self and Affect." *Psychological Review* 94:319-40.
- Hochschild, Arlie R. 1979. "Emotion Work, Feeling Rules, and Social Structure." *American Journal of Sociology* 85:551-575.
- . 1983. *The Managed Heart: Commercialization of Human Feeling*. Berkeley: University of California Press.

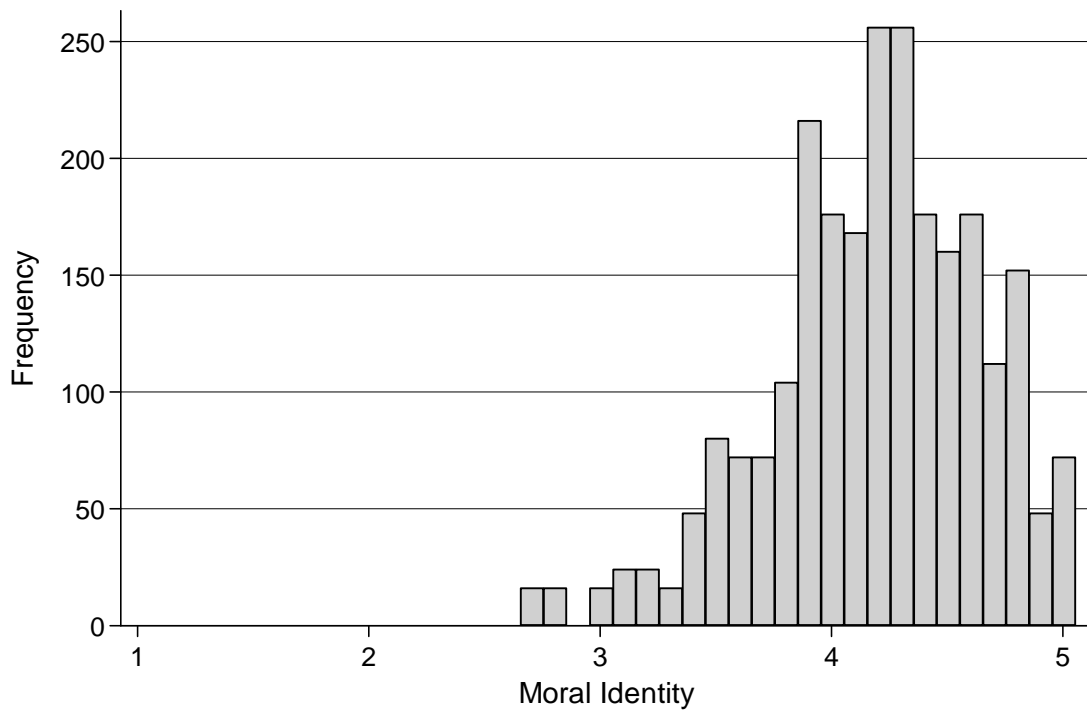
- Hoffman, Martin L. 2000. *Empathy and Moral Development: Implications for Caring and Justice*. New York, NY: Cambridge University Press.
- Kohlberg, Lawrence. 1981. *The Philosophy of Moral Development*. San Francisco: Harper and Row.
- Lapsley, Daniel K. and Darcia Narvaez. 2004. *Moral Development, Self, and Identity*. Mahwah, NJ: Lawrence Erlbaum.
- Markus, Hazel R. and Shinobu Kitayama. 1991. "Culture and the Self: Implications For Cognition, Emotion, and Motivation." *Psychological Review* 98:234-253.
- Narvaez, Darcia and Daniel K. Lapsley. 2009. *Personality, Identity, and Character*. New York: Cambridge University Pres.
- Osgood, Charles E., George J. Suci, and Percy H. Tannenbaum. 1957. *The Measurement of Meaning*. Urbana, IL: University of Illinois Press.
- Piaget, Jean. 1965 [1932]. *The Moral Judgment of the Child*. New York: Free Press.
- Sayer, Andrew. 2010. "Class and Morality." Pp. 163-178 in *Handbook of the Sociology of Morality*, edited by S. Hitlin and S. Vaisey. New York: Springer.
- Serpe, Richard T. and Sheldon Stryker. 1987. "The Construction of Self and Reconstruction of Social Relationships." Pp. 41-66 in *Advances in Group Processes*, edited by E. Lawler and B. Markovsky. Greenwich, CT: JAI Press.
- Shweder, Richard A., Nancy C. Much, Manamohan Mahapatra, and Lawrence Park. 1997. "The Big "Three" of Morality (Autonomy, Community, and Divinity), and the Big "Three" Explanations of Suffering." Pp. 119-169 in *Morality and Health*, edited by A. Brandt and P. Rozin. New York: Routledge.
- Stets, Jan E. and Michael J. Carter. 2006. "The Moral Identity: A Principle Level Identity." Pp. 293-316 in *Purpose, Meaning, and Action: Control Systems Theories in Sociology*, edited by K. McClelland and T. J. Fararo. New York: Palgrave MacMillan.
- . 2011. "Understanding the Moral Self: Applying Identity Theory." *Social Psychology Quarterly* 74.

- Stryker, Sheldon. [1980] 2002. *Symbolic Interactionism: A Social Structural Version*. Caldwell, NJ: Blackburn Press.
- Stryker, Sheldon and Peter J. Burke. 2000. "The Past, Present, and Future of an Identity Theory." *Social Psychology Quarterly* 63:284-297.
- Stryker, Sheldon and Richard T. Serpe. 1982. "Commitment, Identity Salience, and Role Behavior: A Theory and Research Example." Pp. 199-218 in *Personality, Roles, and Social Behavior*, edited by W. Ickes and E. S. Knowles. New York: Springer-Verlag.
- Tangney, June P. and Rhonda L. Dearing. 2002a. "Gender Differences in Morality." Pp. 251-269 in *The Psychodynamics of Gender and Gender Role*, edited by R. F. Bornstein and J. M. Masling. Washington, DC: American Psychological Association.
- Tangney, June Price and Rhonda L. Dearing. 2002b. *Shame and Guilt*. New York: The Guilford Press.
- Tangney, June Price, Paula M. Niedenthal, Michelle Vowell Covert, and Deborah Hill Barlow. 1998. "Are Shame and Guilt Related to Distinct Self-Discrepancies? A Test of Higgins's (1987) Hypotheses." *Journal of Personality and Social Psychology* 75:256-268.
- Tangney, June Price, Jeff Stuewig, and Debra J. Mashek. 2007. "Moral Emotions and Moral Behavior." *Annual Review of Psychology* 58:345-372.
- Turner, Jonathan H. 2010. "Natural Selection and the Evolution of Morality in Human Societies." Pp. 125-145 in *Handbook of the Sociology of Morality*, edited by S. Hitlin and S. Vaisey. New York: Springer.
- Turner, Jonathan H. and Jan E. Stets. 2006. "Moral Emotions." Pp. 544-566 in *Handbook of the Sociology of Emotions*, edited by J. E. Stets and J. H. Turner. New York: Springer.
- Vaisey, Stephen. 2007. "Structure, Culture, and Community: The Search for Belonging in 50 Urban Communes." *American Sociological Review* 72:851-73.
- Walker, Lawrence J. and Karl H. Hennig. 2004. "Differing Conceptions of Moral Exemplarity: Just, Brave, and Caring." *Journal of Personality and Social Psychology* 86:629-647.

- Walker, Lawrence J. and Russell C. Pitts. 1998. "Naturalistic conceptions of moral maturity."  
*Developmental Psychology* 34:403-419.
- Walker, Lawrence J., Russell C. Pitts, Karl H. Hennig, and M. Kyle Matsuba. 1995. "Reasoning about  
Morality and Real-Life Moral Problems." Pp. 371-407 in *Morality in Everyday Life: Developmental  
Perspectives*, edited by M. Killen and D. Hart. New York: Cambridge University Press.
- Weber, Max. 1978. "Value-Judgments in Social Science." Pp. 69-98 in *Weber: Selections in Translation*,  
edited by W. G. Runciman. New York: Cambridge University Press.
- . [1922] 1968. *Economy and Society*. Translated by G. Roth and C. Wittich. Los Angeles: University of  
California Press.
- Wikstrom, Per-Olof H. 2010. "Explaining Crime as Moral Actions." Pp. 211-239 in *Handbook of the  
Sociology of Morality*, edited by S. Hitlin and S. Vaisey. New York: Springer.



**Figure 1. Identity Model**



**Figure 2. Histogram of Moral Identity Scores**

## Appendix A. Scenarios

1. “You have the opportunity to copy another student’s answers during an exam.” You “did not copy the student’s answers” or “copied the student’s answers.”

2. “You are drunk and need to drive home.” You “did not drive myself home” or “drove myself home.”

3. “You have the opportunity to take an item (for example, merchandise, money etc.) that doesn’t belong to you.” You “did not take the item” or “took the item.”

4. “You are asked to donate to a charity.” You “did not provide a donation” or you “provided a donation.”

5. “You have the opportunity to allow another student to copy your answers during an exam.” You “did not let the student copy your answers” or “let the student copy your answers.”

6. “A friend of yours is drunk and wants to drive home.” You “did not let your friend drive home” or “let your friend drive home.”

7. “You find an item that does not belong to you (for example, a cell phone, a wallet, a book and so forth).” You “did not return the lost item” or “returned the lost item.”

8. “A cashier returns more money to you than what is owed.” You “did not return the money” or “returned the money.”

Table 1. Percentage of Respondents Reporting Moral Behavior

| Situation                           | Moral Behavior |
|-------------------------------------|----------------|
| Did not copy                        | 70%            |
| Did not drive drunk                 | 82%            |
| Did not take item                   | 88%            |
| Gave to charity                     | 57%            |
| Did not allow student to copy       | 59%            |
| Did not allow friend to drive drunk | 87%            |
| Returned lost item                  | 83%            |
| Returned money to cashier           | 47%            |

Table 2. Principle Components Factor Analysis of Moral Identity

| Items         | Factor Loading |
|---------------|----------------|
| Honest        | .59            |
| Caring        | .65            |
| Kind          | .67            |
| Fair          | .58            |
| Helpful       | .63            |
| Generous      | .55            |
| Compassionate | .54            |
| Truthful      | .62            |
| Hardworking   | .54            |
| Friendly      | .56            |
| Selfless      | .57            |
| Principled    | .52            |
| Eigenvalue    | 4.14           |
| $\Omega$      | .87            |

Table 3. Means, Standard Deviations, and Ranges of Variables

| Variable                   | Mean | SD   | Min   | Max  |
|----------------------------|------|------|-------|------|
| Sex                        | .33  | .47  | 0     | 1    |
| Moral Identity             | 0.00 | 1.00 | -3.38 | 1.83 |
| Moral Behavior             | 0.66 | 0.47 | 0     | 1    |
| Moral Emotions             | 0.00 | 1.00 | -0.67 | 2.79 |
| Moral Identity Discrepancy | 0.00 | 1.00 | -0.69 | 7.23 |
| Moral Meanings             | 0.00 | 1.00 | -1.81 | 1.12 |
| Feeling Rules              | 0.00 | 1.00 | -1.22 | 1.24 |

Table 4. Correlations Among Variables

|                                | (1)  | (2)  | (3)   | (4)  | (5)  | (6)  | (7)  |
|--------------------------------|------|------|-------|------|------|------|------|
| (1) Sex                        | 1.00 |      |       |      |      |      |      |
| (2) Moral Identity             | -.10 | 1.00 |       |      |      |      |      |
| (3) Moral Behavior             | -.07 | .14* | 1.00  |      |      |      |      |
| (4) Moral Emotions             | -.03 | -.07 | -.58* | 1.00 |      |      |      |
| (5) Moral Identity Discrepancy | .05  | -.09 | -.25* | .30* | 1.00 |      |      |
| (6) Moral Meanings             | -.04 | .15* | .24*  | -.10 | -.04 | 1.00 |      |
| (7) Feeling Rules              | -.07 | .04  | .11*  | .12* | .01  | .14* | 1.00 |

\* $p < .05$

Table 5. Logistic and OLS Regression Analyses of Moral Processes on Moral Behavior and Moral Emotions ( $N=369$ )

| Independent Variables                  | Dependent Variables |                |
|--|---------------------|----------------|
|  | Moral Behavior      | Moral Emotions |
|  | Odds Ratio          | $\beta$        |
| Sex                                    | —                   | -.35*          |
| Moral Identity                         | 1.28**              | .02            |
| Moral Behavior                         | —                   | -0.43**        |
| Moral Identity Discrepancy             | —                   | 0.13**         |
| Moral Meanings                         | 1.61**              | 0.18**         |
| Feeling Rules                          | 1.19**              | 0.42**         |
| Moral Behavior $\times$ Moral Meanings | —                   | -0.32**        |
| Moral Behavior $\times$ Feeling Rules  | —                   | -0.27**        |
| Sex $\times$ Feeling Rules             | —                   | -.08*          |
| Sex $\times$ Moral Behavior            | —                   | .31**          |
| $R^2$                                  | 0.06**              | 0.45**         |

\* $p \leq .05$ ; \*\*  $p \leq .01$

Table 6. Means of Moral Emotions by Moral Behavior and Moral Meanings

| Moral Meanings | Moral Behavior |       |
|----------------|----------------|-------|
|                | No             | Yes   |
| 0              | 0.46           | -0.28 |
| 1              | 0.58           | -0.28 |
| 2              | 0.82           | -0.38 |
| 3              | 0.94           | -0.38 |
| 4              | 1.05           | -0.47 |
| 5              | 1.13           | -0.49 |

## Endnotes

<sup>1</sup> Others claim that we need to focus more on naturalistic conceptions of morality that are rooted in everyday understandings and experiences (Walker and Pitts 1998; Walker, Pitts, Hennig, and Matsuba 1995).

<sup>2</sup> Independent of others' reactions, individuals may evaluate whether they are behaving in a manner consistent with their identity meanings (Burke 2006). This is the self-appraisal process. Future research needs to examine this as an alternative source of an identity discrepancy.

<sup>3</sup> Behavior change is not the only way identity verification may occur. Individuals might also engage in cognitive strategies to change the meanings in the situation. For example, individuals can use psychosocial maneuvers to disengage from immoral behavior such as reconstructing the conduct so that it is not viewed as immoral, minimizing one's role in the behavior, minimizing the consequences of the action, or blaming the victim (Bandura 1999).

<sup>4</sup> While one might anticipate shame to be about public transgressions while guilt concerns private transgressions, research has failed to support this distinction (Tangney, Stuewig, and Mashek 2007). Shame and guilt are equally public in terms of others being present and aware of one's transgression. What is different is that following the transgression, shameful individuals focus on how others evaluate them; guilty people are concerned with how their behavior might have harmed another (Tangney, Stuewig, and Mashek 2007). In shame, individuals are self-focused; in guilt, they are other-focused.

<sup>5</sup> In self-discrepancy theory, a discrepancy between the attributes a person actually possesses and the ideal state that a close other hopes the person attains influences shame, while a discrepancy between a person's actual state (from his/her own viewpoint) and the state the person feels s/he ought to attain influences guilt (Higgins 1987). However, when this is tested, these specific self-

discrepancies are not differentially related to shame and guilt (Tangney, Niedenthal, Covert, and Barlow 1998).

<sup>6</sup> Future research should examine other moral emotions such as the “other-condemning” emotions of anger and disgust, the “other-suffering” emotion of compassion, and the positive emotions that emerge from good deeds such as elevation and gratitude (Haidt 2003).

<sup>7</sup> These results are available upon request.

<sup>8</sup> Squaring the value reflects the identity theory assumption that the emotional outcome to an identity discrepancy is curvilinear rather than linear (Burke and Harrod 2005). In a separate analysis, we examined whether there was a linear relationship between the moral identity discrepancy and guilt and shame. The findings were not significant. These results are available upon request.

<sup>9</sup> We ran separate analyses of guilt and shame to investigate whether the identity process operated differently for these two emotions. Across all equations, the results were not statistically different. These results are available upon request.

<sup>10</sup> In a separate analysis, we examined whether the relationship between moral meanings that run from good to bad (rather than relevant/present to not relevant/absent) were associated with moral behavior or moral emotions. The findings were not significant and are available upon request.

<sup>11</sup> The effects of race, age, and income were nonsignificant and are available upon request.

<sup>12</sup> We examined ethnic variations in reports of guilt and shame since there is evidence that Western cultures are more guilt-based while Eastern cultures are more shame-based (Markus and Kitayama 1991). We found no significant racial differences in reports of guilt or shame. These results are available upon request.