

Francis X. Shen, Morris B. Hoffman, Owen D. Jones, René Marois & Joshua D. Greene, *Sorting Guilty Minds*, 86 NYU L. REV. (2011).

APPENDIX B. FULL TEXT OF SCENARIOS

Full text of Article is available at:
<http://ssrn.com/abstract=1746107>

Dated June 5, 2011

Do not quote or cite without permission.

APPENDIX B. FULL TEXT OF SCENARIOS

Appendix B provides the full text of all 150 scenarios used in the experiments described in the Article. On the left hand side, we note the theme number (numbered 1 through 30), and designate the mental state of the protagonist in the scenario (Purposeful, Knowing, Reckless, Negligent, or Blameless).

10 Low Harm Themes (Themes #1-10)

1 - P: In John's apartment building, incoming mail is left on a table in piles for each tenant. Angry at his neighbor for playing loud rock and roll music very late at night for many nights in a row without asking John if it's okay, one day John decides to pour some of his coffee on this neighbor's pile of mail. The coffee hits the neighbor's mail, but it's all junk mail, completely worthless to the neighbor.

1 - K: In John's apartment building, incoming mail is left on a table in piles for each tenant. One day John reaches out and grabs for his pile of mail with the same hand that he's holding his hot cup of black coffee in, almost positive that this will result in some of the coffee spilling on to his neighbor's mail. The coffee hits the neighbor's mail, but it's all junk mail, completely worthless to the neighbor.

1 - R: In John's apartment building, incoming mail is left on a table in piles for each tenant. One day John grabs for his pile of mail with the same hand that he's holding his coffee in, understanding that it could easily happen that some of the coffee will spill on to his neighbor's mail, but choosing to ignore that risk. The coffee hits the neighbor's mail, but it's all junk mail, completely worthless to the neighbor.

1 - N: In John's apartment building, incoming mail is left on a table in piles for each tenant. One day John reaches out and grabs for his pile of mail with the same hand that he's holding his hot cup of black coffee in, overlooking the fact that some of the coffee will spill on to his neighbor's mail. The coffee hits the neighbor's mail, but it's all junk mail, completely worthless to the neighbor.

1 - B: In John's apartment building, incoming mail is left on a table in piles for each tenant. Although John is using a special non-spill cup for his coffee and he is as careful as he can be, one day when John collects his mail, John's cup lid breaks and his black coffee accidentally spills out of his cup. The coffee hits the neighbor's mail, but it's all junk mail, completely worthless to the neighbor.

2 - P: John and Tony regularly play against each other in a recreational softball league. Angry at Tony after an argument they had and intending to hurt him, one softball game when John is up to bat and Tony is catching behind the plate, John swings and lets go of his bat in a way that will hit Tony. The softball bat bounces backwards and glances off Tony's arm, without doing any damage.

2 - K: John and Tony regularly play against each other in a recreational softball league. During one softball game when John is up at the plate and swings his bat and misses on a third strike, in disgust he drops the bat behind him without looking, virtually certain that it will hit Tony, who is catching, but dropping it anyway. The softball bat bounces backwards and glances off Tony's arm, without doing any damage.

2 - R: John and Tony regularly play against each other in a recreational softball league. During one game when John is up to bat and swings and misses on a third strike, in disgust he drops the bat without looking, conscious of the likelihood that it will bounce back and hit Tony, who is catching, but dropping it anyway. The softball bat bounces backwards and glances off Tony's arm, without doing any damage.

2 - N: John and Tony regularly play against each other in a recreational softball league. During one softball game when John's team is playing against Tony's team, and John is up at the plate to bat and Tony is catching behind the plate, John swings his bat and misses on a third strike, and then carelessly drops the bat. The softball bat bounces backwards and glances off Tony's arm, without doing any damage.

2 - B: John and Tony regularly play against each other in a recreational softball league. During one game when John's team is playing against Tony's team, John is hit by a pitch and despite being as careful as he can to hold onto the softball bat, he accidentally drops his bat near Tony, who is catching behind the plate. The softball bat bounces backwards and glances off Tony's arm, without doing any damage.

3 - P: John drives his car up into the mountains, looking for a good place to park and then hike. Choosing to sneak onto someone's private land because he thinks it will be more fun, John drives until he sees a sign that reads "Private Property – No Trespassing," then parks and sets out on a hike. He later drives away, having done no damage to the private lands, and leaving no trace of his trespassing.

3 - K: John drives his car up into the mountains, looking for a good place to park and then hike. Seeing a distant peak ahead, he pulls over to the side, parks his car and sets out to hike there, aware that he will almost certainly have to trespass across private land to reach the peak. He later drives away, having done no damage to the private lands, and leaving no trace of his trespassing.

3 - R: John drives his car up into the mountains, looking for a good place to park and then hike. Seeing a distant peak ahead, he pulls over and parks his car, understanding that it could easily happen that he will have to trespass across private land during his hike, but proceeding to do the hike anyway. He later drives away, having done no damage to the private lands, and leaving no trace of his trespassing.

3 - N: John drives his car up into the mountains, looking for a good place to park and then hike. Although there are signs almost everywhere that read "Private Property – No Trespassing," he does not notice the signs because he is not

paying attention, and pulls over and parks the car to begin doing his hike. He later drives away, having done no damage to the private lands, and leaving no trace of his trespassing.

3 - B: John drives his car up into the mountains, looking for a good place to park and then hike. Seeing a distant peak ahead, John decides to hike toward it, and through an honest mistake because the boundaries have not been marked with any clearly visible markers, during John's hike he accidentally crosses onto someone's private property. He later drives away, having done no damage to the private lands, and leaving no trace of his trespassing.

4 - P: John is attending a party at a friend's house, and he's playing darts. Because John had an argument with Frank earlier in the day, and is still angry at Frank during the party, John chooses to hit Frank with a dart, so he throws his dart as Frank walks in front of the dart board. The dart, which hits Frank on the shoulder, does not penetrate the clothing and therefore causes no injury.

4 - K: John is attending a party at a friend's house, and he's playing darts. Wanting to throw his darts in rhythm one after another, John throws his final dart at the dart board while Frank is walking toward it, even though he understands that it is almost guaranteed that by doing this the dart will hit Frank. The dart, which hits Frank on the shoulder, does not penetrate the clothing and therefore causes no injury.

4 - R: John is attending a party at a friend's house, and he's playing darts. Wanting to throw his darts in rhythm one after another, John throws his dart while Frank is walking toward the dart board, even though he is aware that there is a substantial risk that by doing this the dart will hit Frank. The dart, which hits Frank on the shoulder, does not penetrate the clothing and therefore causes no injury.

4 - N: John is attending a party at a friend's house, and he's playing darts. At one point during the party while everyone is hanging out in the basement area where the dart board and food and other games are located, John overlooks the fact that Frank is walking toward the dart board, and throws his dart. The dart, which hits Frank on the shoulder, does not penetrate the clothing and therefore causes no injury.

4 - B: John is attending a party at a friend's house, and he's playing darts. At one point while playing darts during the middle of the party, as John is in the motion of throwing his dart, Frank suddenly jumps in front of the dartboard and, although John tries to stop, he unavoidably throws the dart toward Frank. The dart, which hits Frank on the shoulder, does not penetrate the clothing and therefore causes no injury.

5 - P: John is attending a football game and is seated behind a row of fans. Angry at the fans who are in front of him because they keep standing up and blocking his view of the game, John wants to hit one of them with his water bottle, and throws his full water bottle at the fans in front of him. The water bottle glances off one of the fellow fan's arms, without doing any damage.

5 - K: John is attending a football game and is seated behind a row of fans. Wanting to celebrate after his team scores a big touchdown, John throws his full water bottle up in the air, virtually certain that throwing the water bottle in this way will cause it to hit one of the fans in the row in front of him. The water bottle glances off one of the fellow fan's arms, without doing any damage.

5 - R: John is attending a football game and is seated behind a row of fans. Wanting to celebrate after a touchdown, John throws his full water bottle in the air, conscious of the likelihood that throwing the bottle in this way will cause it to hit one of the fans in the row in front of him, but throwing it anyway. The water bottle glances off one of the fellow fan's arms, without doing any damage.

5 - N: John is attending a football game and is seated behind a row of fans. Wanting to celebrate after his team scores a big touchdown, John throws his full water bottle in the air, not paying attention to the fact that throwing the bottle in this way will cause it to hit a fan in the row in front of him. The water bottle glances off one of the fellow fan's arms, without doing any damage.

5 - B: John is attending a football game and is seated behind a row of fans. After a touchdown, the fans behind John throw their hands in the air to celebrate and one fan hits John's arm, inadvertently causing John to lose his grip on his full water bottle, despite his best efforts to keep it from going into the air. The water bottle glances off one of the fellow fan's arms, without doing any damage.

6 - P: John lives in an apartment building with other tenants, some of whom own cats. Because he doesn't like cats near the apartment building, one day when John spots a cat in the entryway, he chooses to poison the cat with some rat poison he just bought for the rat problem in his own apartment. The cat eats the poison, its owner takes it to the vet, and with treatment the cat recovers without lasting injuries.

6 - K: John lives in an apartment building with other tenants, some of whom own cats. Wanting to poison rats he's seen near the apartment building, one day John lays out rat poison on the steps of the entryway to the building, practically certain that by doing so a nearby cat will also eat the poison. The cat eats the poison, its owner takes it to the vet, and with treatment the cat recovers without lasting injuries.

6 - R: John lives in an apartment building with other tenants, some of whom own cats. Wanting to poison rats, one day John lays out rat poison on the steps of the apartment complex, knowing that there is a good chance that a nearby cat will also eat the poison, but laying the poison out anyway. The cat eats the poison, its owner takes it to the vet, and with treatment the cat recovers without lasting injuries.

6 - N: John lives in an apartment building with other tenants, some of whom own cats. One day while doing some work around the apartment building, John lays out rat poison on the steps of the entryway to the rat-infested apartment complex, without even noticing that one of his neighbor's cats is walking toward the steps. The cat eats the poison, its owner takes it to the vet, and with treatment the cat recovers without lasting injuries.

6 - B: John lives in an apartment building with other tenants, some of whom own cats. One day, while carrying in a box of rat poison to treat a rat problem, John's bumped by the postman, and involuntarily drops a bit of the poison, which a nearby cat immediately laps up before John can stop it. The cat eats the poison, its owner takes it to the vet, and with treatment the cat recovers without lasting injuries.

7 - P: John is gardening in his backyard, where there are many plants and many small rocks. Desiring to get back at his next door neighbor because of an argument they had earlier in the week, John throws a rock over the fence in order to hit his neighbor's window. The rock hits the window, but since his neighbor's window is made of especially tough glass, the rock bounces off and causes no harm.

7 - K: John is gardening in his backyard, where there are many plants and many small rocks. Wanting to get rid of a rock that he finds while cleaning out the garden bed, he throws it over the fence, practically certain that the rock will also hit his neighbor's nearby window. The rock hits the window, but since his neighbor's window is made of especially tough glass, the rock bounces off and causes no harm.

7 - R: John is gardening in his backyard, where there are many plants and many small rocks. Wanting to get rid of a small rock, he throws the rock over the fence, aware that there is a substantial risk that the rock will also hit his neighbor's nearby window. The rock hits the window, but since his neighbor's window is made of especially tough glass, the rock bounces off and causes no harm.

7 - N: John is gardening in his backyard, where there are many plants and many small rocks. After finding a rock in the garden, he carelessly throws the rock over the fence, which happens to be very near the window of his neighbor who lives in the house next door. The rock hits the window, but since his neighbor's window is made of especially tough glass, the rock bounces off and causes no harm.

7 - B: John is gardening in his backyard, where there are many plants and many small rocks. He throws the small rocks in his trash can but, when suddenly stung on the face by a bumble bee, he involuntarily releases one of the rocks in the direction of his neighbor's window. The rock hits the window, but since his neighbor's window is made of especially tough glass, the rock bounces off and causes no harm.

8 - P: In the morning while they are getting ready for work, John usually makes lunch for his roommate. One day, because John is still angry at his roommate because of a very heated argument they had the night before, John decides to feed his roommate some rotten cold cuts on his sandwich for lunch. John's roommate eats the sandwich with rotten meat for lunch, but ends up suffering no illness or injury.

8 - K: In the morning while they are getting ready for work, John usually makes lunch for his roommate. One day while making lunch John puts some meat on his roommate's sandwich as usual, and is almost positive that today the meat has

gone rotten, but puts it on anyway because he is in a rush. John's roommate eats the sandwich with rotten meat for lunch, but ends up suffering no illness or injury.

8 - R: In the morning while they are getting ready for work, John usually makes lunch for his roommate. One day, John puts meat on his roommate's sandwich, realizing that it is very likely the meat may be rotten, but not checking the expiration date and making the sandwich anyway because he is in a rush. John's roommate eats the sandwich with rotten meat for lunch, but ends up suffering no illness or injury.

8 - N: In the morning while they are getting ready for work, John usually makes lunch for his roommate. One day when John is making sandwiches for lunch, he is in a great rush and hurriedly makes his roommate's sandwich, not seeing that the cold cuts he is using to make the sandwich are visibly rotten. John's roommate eats the sandwich with rotten meat for lunch, but ends up suffering no illness or injury.

8 - B: In the morning while they are getting ready for work, John usually makes lunch for his roommate. One day when John is making sandwiches, through an honest mistake due to mis-labeling on the meat package, he unknowingly uses cold cuts that look and smell okay but are actually rotten and should not be used. John's roommate eats the sandwich with rotten meat for lunch, but ends up suffering no illness or injury.

9 - P: John usually rides his bicycle down a busy street on his way to work. Angry at the pedestrians who he feels get in the way of his bike when they cross the street at the end of the sidewalk, one day he decides to ride his bike on the sidewalk in order to hit a pedestrian he sees. John strikes the pedestrian with his bike, but the pedestrian does not sustain any injuries.

9 - K: John usually rides his bicycle down a busy street on his way to work. One day while riding his bike to work John wants to ride his bike on the sidewalk instead of in the road to avoid traffic, and he does so, understanding that riding in this way almost guarantees that he will hit a pedestrian. John strikes a pedestrian with his bike, but the pedestrian does not sustain any injuries.

9 - R: John usually rides his bicycle down a busy street on his way to work. Wanting to ride his bike on the sidewalk instead of in the road to avoid traffic, he does so, realizing that it is very likely that riding in this way will cause him to hit a pedestrian, but choosing to ride this way anyway. John strikes a pedestrian with his bike, but the pedestrian does not sustain any injuries.

9 - N: John usually rides his bicycle down a busy street on his way to work. One day while riding his bike to work in the morning, he is in a rush and hurriedly tries to take a short cut that involves riding his bike off of the street and on to the sidewalk, where pedestrians are walking. John strikes a pedestrian with his bike, but the pedestrian does not sustain any injuries.

9 - B: John usually rides his bicycle down a busy street on his way to work. One day while riding his bike to work a pedestrian quite suddenly steps out into the bike path, right in front of John, who is traveling at a normal and safe speed and

unavoidably cannot change direction quickly enough to avoid the pedestrian. John strikes the pedestrian with his bike, but the pedestrian does not sustain any injuries.

10 - P: John is driving his golf cart, following a cart of golfers in front of him. While going to the next hole on the course, John gets angry at how slow the golf cart in front of him is going, and he desires to speed his golf cart up and hit the cart in front of him. The carts hit, but their bumpers absorb all the shock, so there is no damage and no injury.

10 - K: John is driving his golf cart, following a cart of golfers in front of him. Wanting to see what the golf cart's top speed is, he speeds up his golf cart, aware that at this speed he is almost certainly going to hit the golf cart that is in front of him on the path. The carts hit, but their bumpers absorb all the shock, so there is no damage and no injury.

10 - R: John is driving his golf cart, following a cart of golfers in front of him. Wanting to see what the cart's top speed is, he speeds up his cart to a high speed, realizing that at this speed it is very likely that he will hit the cart in front of him, but doing it anyway. The carts hit, but their bumpers absorb all the shock, so there is no damage and no injury.

10 - N: John is driving his golf cart, following a cart of golfers in front of him. While driving around a curve in the golf cart path, John carelessly takes his eyes off the road when he looks over at another golfer who is playing, and as a result runs into the golf cart in front of him. The carts hit, but their bumpers absorb all the shock, so there is no damage and no injury.

10 - B: John is driving his golf cart, following a cart of golfers in front of him. While driving his cart on the path that connects one hole to the next, the brakes on John's golf cart suddenly malfunction, and as a result of the brake malfunction, his golf cart unavoidably swerves toward the cart in front of him. The carts hit, but their bumpers absorb all the shock, so there is no damage and no injury.

10 Medium Harm Themes (Themes #11-20)

11 - P: John is attending an outdoor concert and is sitting behind a row of other concertgoers. During the concert John gets angry that fans in the row in front of him keep standing and blocking his view, so John wants to hurt one of them and throws his soda can at the row of fans standing in front of him. The soda can hits one of the fellow concertgoers in the face, breaking his nose.

11 - K: John is attending an outdoor concert and is sitting behind a row of other concertgoers. At one point during the concert, wanting to cheer for his favorite song, John throws his soda can in the air, aware that throwing the can in this way will almost certainly also cause it to hit someone in the row in front of him. The soda can hits one of the fellow concertgoers in the face, breaking his nose.

11 - R: John is attending an outdoor concert and is sitting behind a row of other concertgoers. Wanting to cheer for his favorite song, John throws his soda can in the air, understanding that it could easily happen that throwing the can in this way will also cause it to hit someone in front of him, but deciding to risk it. The soda can hits one of the fellow concertgoers in the face, breaking his nose.

11 - N: John is attending an outdoor concert and is sitting behind a row of other concertgoers. At one point during the concert, wanting to cheer for his favorite song, John throws his soda can in the air, overlooking the fact that throwing the can in this way will also cause it to hit someone in the row in front of him. The soda can hits one of the fellow concertgoers in the face, breaking his nose.

11 - B: John is attending an outdoor concert and is sitting behind a row of other concertgoers. At one point during the concert, when John steps out toward the restroom, he is pushed from behind by another concertgoer, and John unavoidably loses his grip on his soda can, which is thrown in the air toward the row in front of him. The soda can hits one of the fellow concertgoers in the face, breaking his nose.

12 - P: John is in a hardware store, carrying a long piece of wood toward the check out line. Angry that another customer walking in front of him is going too slow and preventing him from getting to the checkout line quickly, John desires to hurt the person and he swings the piece of wood toward the person. The wood hits the person, causing a minor bruise and scratch that requires a doctor's bill of \$317.

12 - K: John is in a hardware store, carrying a long piece of wood toward the check out line. Wanting to get to the checkout before another customer who is walking slowly in front of him, John turns the corner quickly with his piece of wood, virtually certain that by doing this the wood will hit that person. The wood hits the person, causing a minor bruise and scratch that requires a doctor's bill of \$317.

12 - R: John is in a hardware store, carrying a long piece of wood toward the check out line. Wanting to get to the checkout before another customer walking in front of him, John turns the corner quickly, knowing that there's a good

chance that by doing this the wood will hit that person, but doing so anyway. The wood hits the person, causing a minor bruise and scratch that requires a doctor's bill of \$317.

12 - N: John is in a hardware store, carrying a long piece of wood toward the check out line. Wanting to get to the checkout line quickly, and hurrying to do so, John turns the corner so quickly that another person coming around the corner does not have enough time to get out of the way of the wood. The wood hits the person, causing a minor bruise and scratch that requires a doctor's bill of \$317.

12 - B: John is in a hardware store, carrying a long piece of wood toward the check out line. John carefully walks with the piece of wood down the store aisle toward the checkout line at the front of the store, but despite these efforts to be safe, another customer turns the corner and walks into John accidentally. The wood hits the person, causing a minor bruise and scratch that requires a doctor's bill of \$317.

13 - P: One day John is driving his car home from the office after a full day at work. Angry at his neighbor from an argument the day before and seeing his neighbor's dog in his driveway, John desires to hurt the dog, and tries to do so by running over it with his car. The dog moves quickly, and only experiences a minor injury that heals completely after a \$300 visit to the vet.

13 - K: One day John is driving his car home from the office after a full day at work. Seeing his neighbor's dog in his driveway, John continues to drive into his garage as usual because he's in a rush, even though he is almost positive that in the process the dog will be harmed. The dog moves quickly, and only experiences a minor injury that heals completely after a \$300 visit to the vet.

13 - R: One day John is driving his car home from the office after a full day at work. Seeing his neighbor's dog in his driveway, John continues to drive into his garage as usual because he's in a rush, even though he is conscious of the likelihood that the dog will be harmed. The dog moves quickly, and only experiences a minor injury that heals completely after a \$300 visit to the vet.

13 - N: One day John is driving his car home from the office after a full day at work. He is distracted thinking about a number of tasks he has to do, and pulls his car into his driveway without even noticing that his neighbor's dog is sitting in the middle of the driveway. The dog moves quickly, and only experiences a minor injury that heals completely after a \$300 visit to the vet.

13 - B: One day John is driving his car home from the office after a full day at work. While John arrives home and is pulling into his driveway, his neighbor's dog suddenly runs out of the nearby set of bushes and John's car inadvertently hits the dog despite John's best efforts not to. The dog moves quickly, and only experiences a minor injury that heals completely after a \$300 visit to the vet.

14 - P: John and Ted are playing soccer in Ted's backyard, and Ted's poodle is running around. At one point during the soccer game, angry at the poodle for running on to the field earlier and getting in the way when he had a great opportunity to score a goal, John chooses to hurt the dog and gives it a kick. The

poodle suffers some bruising but no permanent injuries, and Ted incurs a \$350 vet bill.

14 - K: John and Ted are playing soccer in Ted's backyard, and Ted's poodle is running around. At one point, the poodle gets in the way of John's kick, but John decides to kick the ball anyway because he thinks he can score a goal, even though he is virtually certain that his kick will also hurt the poodle as well. The poodle suffers some bruising but no permanent injuries, and Ted incurs a \$350 vet bill.

14 - R: John and Ted are playing soccer in Ted's backyard, and Ted's poodle is running around. The poodle runs toward the ball, but John decides to kick the ball anyway because he thinks he can score a goal, even though he's aware of the substantial risk that he will kick and hurt the poodle as well, but ignoring the risk. The poodle suffers some bruising but no permanent injuries, and Ted incurs a \$350 vet bill.

14 - N: John and Ted are playing soccer in Ted's backyard, and Ted's poodle is running around. At one point while they are playing the poodle runs from the corner of the yard on to the field and gets near the soccer ball, but John isn't paying close enough attention and kicks the ball anyway, kicking the poodle in the process. The poodle suffers some bruising but no permanent injuries, and Ted incurs a \$350 vet bill.

14 - B: John and Ted are playing soccer in Ted's backyard, and Ted's poodle is running around. Despite John being as careful as he can be to pay attention the poodle's location, at one point the dog darts from behind John in front of his foot as he is about to strike the ball, and John accidentally kicks the dog instead. The poodle suffers some bruising but no permanent injuries, and Ted incurs a \$350 vet bill.

15 - P: Fred and John (who is already seated) work together in the same office, and they are both in their company's cafeteria at lunch time. Angry at Fred after an argument, when John sees Fred starting to walk by, John intends to trip and hurt Fred, and sticks his leg out to do so. Fred trips over John's leg and falls to the floor, getting a large and painful bruise, but sustaining no permanent injuries.

15 - K: Fred and John (who is already seated) work together in the same office, and they are both in their company's cafeteria at lunch time. John stretches his legs out to relax, even though he is practically certain that Fred, who is walking near John's table, will trip over them and get hurt. Fred trips over John's leg and falls to the floor, getting a large and painful bruise, but sustaining no permanent injuries.

15 - R: Fred and John (who is already seated) work together in the same office, and they are both in their company's cafeteria at lunch time. John stretches his legs out to relax, even though he is conscious of the likelihood that Fred, who is walking nearby, will trip over them and get hurt. Fred trips over John's leg and falls to the floor, getting a large and painful bruise, but sustaining no permanent injuries.

15 - N: Fred and John (who is already seated) work together in the same office, and they are both in their company's cafeteria at lunch time. Without even noticing that Fred is walking past his table, John sticks his legs into the walking area, to stretch them and get comfortable while relaxing during lunch. Fred trips over John's leg and falls to the floor, getting a large and painful bruise, but sustaining no permanent injuries.

15 - B: Fred and John (who is already seated) work together in the same office, and they are both in their company's cafeteria at lunch time. At the same moment that Fred is walking past, a co-worker eating nearby spills a hot cup of coffee on John, who involuntarily moves his legs sideways as a result. Fred trips over John's leg and falls to the floor, getting a large and painful bruise, but sustaining no permanent injuries.

16 - P: John's property has a backyard to his house which abuts his neighbor's backyard rose garden, which is full of prize rose bushes. Angry at his neighbor after an argument earlier in the week, John intends to kill his neighbor's prize rose bushes, and so he sprays anti-weed chemicals all over the neighbor's yard. After John does the anti-weed spraying, the chemicals kill the prize rose bushes in his neighbor's backyard garden.

16 - K: John's property has a backyard to his house which abuts his neighbor's backyard rose garden, which is full of prize rose bushes. Wanting to kill weeds in his backyard, John sprays anti-weed chemicals all over his property, even though he is almost positive that this will also kill his neighbor's prize rose bushes. After John does the anti-weed spraying, the chemicals kill the prize rose bushes in his neighbor's backyard garden.

16 - R: John's property has a backyard to his house which abuts his neighbor's backyard rose garden, which is full of prize rose bushes. Wanting to kill weeds, John sprays anti-weed chemicals all over his property, even though he is aware of the substantial risk that this will also kill his neighbor's prize rose bushes. After John does the anti-weed spraying, the chemicals kill the prize rose bushes in his neighbor's backyard garden.

16 - N: John's property has a backyard to his house which abuts his neighbor's backyard rose garden, which is full of prize rose bushes. One day John sprays anti-weed chemicals all over his property, overlooking the fact that spraying chemicals in the direction of his neighbor's prize rose bushes will kill his neighbor's rose bushes. After John does the anti-weed spraying, the chemicals kill the prize rose bushes in his neighbor's backyard garden.

16 - B: John's property has a backyard to his house which abuts his neighbor's backyard rose garden, which is full of prize rose bushes. John carefully tries to find an anti-weed spray supposed to be safe for his neighbor's roses, but through an honest mistake the hardware salesman gives John the wrong type of spray. After John does the anti-weed spraying, the chemicals kill the prize rose bushes in his neighbor's backyard garden.

17 - P: John is sitting at his desk, using a sharp letter opener to open mail. Still angry at his co-worker Bill after a heated argument they had during a meeting earlier in the week, John wants to hit and injure Bill, who is seated at the

adjacent desk, so he throws the letter opener at him. When it hits Bill, Bill receives a cut on his arm, for which he ultimately pays \$325 in doctor's bills.

17 - K: John is sitting at his desk, using a sharp letter opener to open mail. Wanting to test his aim, John throws his letter opener at a small potted tree across the office, even though he understands that the letter opener is almost guaranteed to also hit and injure Bill, who is standing behind the tree. When it hits Bill, Bill receives a cut on his arm, for which he ultimately pays \$325 in doctor's bills.

17 - R: John is sitting at his desk, using a sharp letter opener to open mail. Wanting to test his aim, John throws his letter opener at a small potted tree across the office, even though he knows there's a good chance that the letter opener will also hit and injure Bill, who's standing behind the tree. When it hits Bill, Bill receives a cut on his arm, for which he ultimately pays \$325 in doctor's bills.

17 - N: John is sitting at his desk, using a sharp letter opener to open mail. Wanting to test his aim, John throws his letter opener at a small potted tree across the office, not paying attention to the fact that Bill, standing behind the tree, might get hurt and throwing the letter opener that way anyway. When it hits Bill, Bill receives a cut on his arm, for which he ultimately pays \$325 in doctor's bills.

17 - B: John is sitting at his desk, using a sharp letter opener to open mail. After opening the mail that has arrived that day, both of the legs on John's chair unexpectedly break at the same time, causing John, falling to the ground, to inadvertently release the letter opener into the air toward his co-worker Bill. When it hits Bill, Bill receives a cut on his arm, for which he ultimately pays \$325 in doctor's bills.

18 - P: John and Adam often like to spend some of their free time going canoeing together down a nearby local river. During one canoe trip John gets very angry with Adam after they argue repeatedly, and John wants to hurt Adam, so he pulls his paddle out of the water and hits him with it. The paddle hits Adam squarely in the mouth, knocking out two of Adam's teeth and giving him a large cut.

18 - K: John and Adam often like to spend some of their free time going canoeing together down a nearby local river. For fun during one canoe trip down the river, John twirls his paddle repeatedly in Adam's direction, even though he is aware that Adam will at some point almost certainly be hit by the paddle. The paddle hits Adam squarely in the mouth, knocking out two of Adam's teeth and giving him a large cut.

18 - R: John and Adam often like to spend some of their free time going canoeing together down a nearby local river. For fun during one canoe trip, John twirls his paddle repeatedly in the air, even though he realizes that it is very likely that Adam will at some point be hit by the paddle. The paddle hits Adam squarely in the mouth, knocking out two of Adam's teeth and giving him a large cut.

18 - N: John and Adam often like to spend some of their free time going canoeing together down a nearby local river. At the start of one trip, John's in a rush to get moving and hurriedly lifts his paddle out of the water, at which point it swings back toward Adam, who is still getting settled. The paddle hits Adam squarely in the mouth, knocking out two of Adam's teeth and giving him a large cut.

18 - B: John and Adam often like to spend some of their free time going canoeing together down a nearby local river. During one canoe trip down the river, John and Adam encounter a violent storm with strong winds producing very large currents on the river that cause John to involuntarily lose control of his paddle. The paddle hits Adam squarely in the mouth, knocking out two of Adam's teeth and giving him a large cut.

19 - P: John and Andy are working outside to finish putting up a Christmas lights display. John is still angry with Andy after a heated argument they had earlier in the week, and deciding to injure Andy, John turns the breaker switch on when he sees that Andy is working with exposed wires. Andy is shocked by the wire that is touching him, but fully recovers after spending three days in the hospital.

19 - K: John and Andy are working outside to finish putting up a Christmas lights display. Wanting to show off the display to an attractive neighbor passing by, John turns the breaker switch on even though Andy is still working with exposed wires, understanding that it is almost guaranteed that Andy will be shocked. Andy is shocked by the wire that is touching him, but fully recovers after spending three days in the hospital.

19 - R: John and Andy are working outside to finish putting up a Christmas lights display. Wanting to show off the display to an attractive neighbor passing by, John turns the breaker switch on even though Andy is still working with exposed wires, knowing there is a good chance Andy will be shocked. Andy is shocked by the wire that is touching him, but fully recovers after spending three days in the hospital.

19 - N: John and Andy are working outside to finish putting up a Christmas lights display. After John and Andy have put up a large number of lights, John wants to see what the display looks like and he carelessly assumes Andy is finished working with exposed wires, and turns the breaker switch on. Andy is shocked by the wire that is touching him, but fully recovers after spending three days in the hospital.

19 - B: John and Andy are working outside to finish putting up a Christmas lights display. When it's time to see if all the lights are working properly, John, through an honest mistake because Andy has given him the all-clear sign, throws the breaker switch while an exposed wire is still touching Andy's skin. Andy is shocked by the wire that is touching him, but fully recovers after spending three days in the hospital.

20 - P: John and Mark are doing some repair work on a back porch. John is still angry with Mark because of a heated argument they had earlier in the day, and John wants to hurt him, and does so by using his hands to push him off the porch

to the yard below. Mark falls off the porch, hits the grass, and suffers minor injuries requiring a two-day hospital stay and a \$600 doctor's bill.

20 - K: John and Mark are doing some repair work on a back porch. Wanting to get to the corner of the porch where his tools are, John gives Mark a push, even though he is aware that this push will also almost certainly send Mark off the porch and injure him. Mark falls off the porch, hits the grass, and suffers minor injuries requiring a two-day hospital stay and a \$600 doctor's bill.

20 - R: John and Mark are doing some repair work on a back porch. Wanting to get to the corner of the porch where his tools are, John gives Mark a push, even though he realizes that it is very likely that this push will also send Mark off the porch and injure him. Mark falls off the porch, hits the grass, and suffers minor injuries requiring a two-day hospital stay and a \$600 doctor's bill.

20 - N: John and Mark are doing some repair work on a back porch. After John and Mark finish their day of repair work on the porch, John is in a hurry to leave the work site and get home, and while hurrying he bumps into Mark, causing Mark to lose his balance. Mark falls off the porch, hits the grass, and suffers minor injuries requiring a two-day hospital stay and a \$600 doctor's bill.

20 - B: John and Mark are doing some repair work on a back porch. At one point during the day while John and Mark are working, a very strong gust of wind suddenly blows onto the porch and John is thrown involuntarily by the wind into Mark, pushing him off the porch. Mark falls off the porch, hits the grass, and suffers minor injuries requiring a two-day hospital stay and a \$600 doctor's bill.

10 High Harm Themes (Themes #21-30)

21 - P: John is walking home from the store with a bag full of sharp metal nails. Crossing an intersection, John intends to cause damage to some cars passing by because he thinks they're driving too fast, and so he throws the nails into the middle of the street, where he knows the cars will run over them. Three cars run over the nails, resulting in a crash that causes serious property damage to two cars.

21 - K: John is walking home from the store with a bag full of sharp metal nails. In a hurry to get home, John is aware that nails slide out of the bag, but he doesn't stop to pick them up, understanding that cars are almost guaranteed to run over the nails and as a result get damaged. Three cars run over the nails, resulting in a crash that causes serious property damage to two cars.

21 - R: John is walking home from the store with a bag full of sharp metal nails. In a hurry, John is aware that nails slide out of the bag, but he doesn't pick them up, understanding that it could easily happen that cars will run over the nails and be damaged, but choosing to leave them anyway. Three cars run over the nails, resulting in a crash that causes serious property damage to two cars.

21 - N: John is walking home from the store with a bag full of sharp metal nails. In a hurry to get home and carrying his bag full of metal nails carelessly, some nails slide out of John's bag unbeknownst to him and fall onto the street in spots where the passing traffic will run over them. Three cars run over the nails, resulting in a crash that causes serious property damage to two cars.

21 - B: John is walking home from the store with a bag full of sharp metal nails. Waiting for a walk signal while at a busy intersection, a car making an illegal turn loses control and suddenly swerves wildly toward John, causing him to jump and inadvertently spill some nails, despite his best efforts not to. Three cars run over the nails, resulting in a crash that causes serious property damage to two cars.

22 - P: John is walking on an overpass, and notices a stone at the edge of it. As he walks over to take a closer look, John sees a car down on the highway approaching the overpass and decides to kick the stone off the overpass to hit the car and injure whoever is driving the car. The stone hits the car, causing the car to hit the median and causing the driver serious injury.

22 - K: John is walking on an overpass, and notices a stone at the edge of it. To see how far he can kick the stone, John kicks the stone off the overpass, even though he is virtually certain that in so doing it will also hit one of the many cars passing underneath and cause serious injury. The stone hits a car, causing the car to hit the median and causing the driver serious injury.

22 - R: John is walking on an overpass, and notices a stone at the edge of it. To see how far he can kick it, John kicks the stone off the overpass, even though he understands that in so doing it could easily happen that it will also hit one of the cars passing underneath, causing serious injury. The stone hits a car, causing the car to hit the median and causing the driver serious injury.

22 - N: John is walking on an overpass, and notices a stone at the edge of it. To see how far he can kick it down the street, John kicks the stone, overlooking the fact that he's standing on an overpass and that it might fall off and hit one of the cars and cause serious injury. The stone hits a car, causing the car to hit the median and causing the driver serious injury.

22 - B: John is walking on an overpass, and notices a stone at the edge of it. While he's walking closer to the stone to inspect it, a car suddenly comes barreling toward John, and to avoid it John jumps to the side, in the process inadvertently kicking the stone off the overpass, despite his best efforts not to. The stone hits a car, causing the car to hit the median and causing the driver serious injury.

23 - P: John is packing up his camp site after a night of camping. Upset at having been fired by the forest service earlier in the year, John intends to destroy some forest land as well as buildings nearby the forest, so he builds a very large camp fire in order to start a forest fire. The camp fire spreads to the dry brush, causing a forest fire that burns many acres and two nearby unoccupied buildings.

23 - K: John is packing up his camp site after a night of camping. Wanting to leave the site quickly without cleaning up, John doesn't put out his large camp fire, even though he is aware that this will almost certainly start a forest fire and also that the fire will damage the surrounding area. The camp fire spreads to the dry brush, causing a forest fire that burns many acres and two nearby unoccupied buildings.

23 - R: John is packing up his camp site after a night of camping. Wanting to leave the site quickly without cleaning up, John doesn't put out his large camp fire, even though he understands that it could easily happen that this will start a forest fire and also that it will damage the surrounding area. The camp fire spreads to the dry brush, causing a forest fire that burns many acres and two nearby unoccupied buildings.

23 - N: John is packing up his camp site after a night of camping. John does not fully put out his large camp fire, leaving some embers burning as he leaves, not paying attention to the fact that leaving even a few embers burning could start a forest fire that will damage the surrounding area. The camp fire spreads to the dry brush, causing a forest fire that burns many acres and two nearby unoccupied buildings.

23 - B: John is packing up his camp site after a night of camping. John is in the process of carefully extinguishing his camp fire when a large tree limb above breaks and crashes into John, causing him to stumble involuntarily into the fire, which scatters embers that, in turn, immediately ignite a new fire. The camp fire spreads to the dry brush, causing a forest fire that burns many acres and two nearby unoccupied buildings.

24 - P: John is doing carpentry work on his house, which abuts a public mountain bike trail. Angry at the mountain bikers for making too much noise when biking past his house, one day while carrying a large armload of planks, John desires to injure some bikers and drops some of the planks on to the bike

trail. Two bikers passing by at that moment hit the planks, crash as a result, and are seriously injured.

24 - K: John is doing carpentry work on his house, which abuts a public mountain bike trail. While carrying wood planks, John drops some onto the trail and doesn't pick them up because he wants to start the carpentry work, even though he is practically certain that in doing so bikers will hit the planks and be injured. Two bikers passing by at that moment hit the planks, crash as a result, and are seriously injured.

24 - R: John is doing carpentry work on his house, which abuts a public mountain bike trail. While carrying wood planks, John drops some onto the trail and doesn't pick them up because he wants to start the carpentry, even though he is aware that there is a substantial risk that bikers will hit the planks and be injured. Two bikers passing by at that moment hit the planks, crash as a result, and are seriously injured.

24 - N: John is doing carpentry work on his house, which abuts a public mountain bike trail. One day while John is carrying wood planks from his shed to his workshop in order to begin building a new set of steps for his house, he drops some of the wood planks onto the bike trail without noticing. Two bikers passing by at that moment hit the planks, crash as a result, and are seriously injured.

24 - B: John is doing carpentry work on his house, which abuts a public mountain bike trail. One day while John is carefully carrying wood planks from his shed to the backyard where he is building a wood porch, a sudden strong gust of wind causes John to inadvertently drop several planks, despite his best efforts not to. Two bikers passing by at that moment hit the planks, crash as a result, and are seriously injured.

25 - P: John enjoys skiing, and often likes to go snow skiing high up in the mountains that are only a short drive from his home. Angry at new skiers who have started to ski on the same slope, John intends to kill two skiers he sees by digging deep beneath an overhang to start an avalanche that will move down the slope to where the skiers are. The avalanche kills the two skiers on the slopes.

25 - K: John enjoys skiing, and often likes to go snow skiing high up in the mountains that are only a short drive from his home. Wanting to build a ski jump, one day John starts digging deep beneath an overhang, even though he is almost positive that in so doing he will also start an avalanche that will kill two skiers he sees below on the slope. The avalanche kills the two skiers on the slopes.

25 - R: John enjoys skiing, and often likes to go snow skiing high up in the mountains that are only a short drive from his home. Wanting to build a new ski jump, one day John starts digging deep beneath an overhang, conscious of the likelihood that in doing so he might also kill two skiers below on the slope, but not caring and digging anyway. The avalanche kills the two skiers on the slopes.

25 - N: John enjoys skiing, and often likes to go snow skiing high up in the mountains that are only a short drive from his home. Wanting to build a big ski

jump, one day John starts using a mechanical tool to start digging deep beneath an overhang, without noticing there are other skiers on the slope, and without realizing his digging could start an avalanche. The avalanche kills the two skiers on the slopes.

25 - B: John enjoys skiing, and often likes to go snow skiing high up in the mountains that are only a short drive from his home. Because of structural factors that are not visible on the surface and that John could not have known about, one day through an honest mistake John's skiing on a fragile part of the snow bank in the mountains causes an avalanche. The avalanche kills the two skiers on the slopes.

26 - P: John is a welder, and he and a fellow welder are working on a new downtown library. After a contentious argument during the lunch break, John is very angry at his co-worker and chooses to burn him by secretly using his acetylene torch to heat one end of a small beam while his co-worker is trying to fit the beam into place. The co-worker is burned severely on his right hand.

26 - K: John is a welder, and he and a fellow welder are working on a new downtown library. John can't fit one beam into another, so he cuts the beam with his acetylene torch, understanding that this action is also almost guaranteed to burn his co-worker who is holding up the other end of the beam but cannot see what John is doing. The co-worker is burned severely on his right hand.

26 - R: John is a welder, and he and a fellow welder are working on a new downtown library. John can't fit one beam into another, so he cuts the beam with his acetylene torch, aware that by doing this there is a substantial risk of burning his co-worker, who is holding up the other end of the beam but cannot see what John is doing. The co-worker is burned severely on his right hand.

26 - N: John is a welder, and he and a fellow welder are working on a new downtown library. John can't fit one beam into another, so he cuts the beam with his acetylene torch, not paying attention to the fact that by doing so he will burn his co-worker, who is holding the other end of the beam but cannot see what John is doing. The co-worker is burned severely on his right hand.

26 - B: John is a welder, and he and a fellow welder are working on a new downtown library. John is having trouble fitting one small beam into another, and despite being as careful as can be in cutting the edge of the beam with his acetylene torch, the flame accidentally hits his co-worker when his co-worker suddenly darts in front of him unexpectedly. The co-worker is burned severely on his right hand.

27 - P: John works at an automotive repair shop high up in the mountains. Angry at a customer who writes bad checks for large repair jobs that are wasting a lot of John's time, John wants to kill the customer and therefore the next time the customer comes in for service John sabotages the customer's brakes. The customer's brakes give out on the way home, and the customer dies in the ensuing one-car crash.

27 - K: John works at an automotive repair shop high up in the mountains. Wanting to make more money by servicing more cars each day, he decides not

to spend time fixing brake linings on a job, almost positive that the customer will lose control of the car and die on the way down the mountain. The customer's brakes give out on the way home, and the customer dies in the ensuing one-car crash.

27 - R: John works at an automotive repair shop high up in the mountains. Wanting to make more money by servicing more cars each day, he decides not to spend time fixing brake linings on a job, realizing that this makes it very likely the customer will lose control of the car and die on the mountain roads. The customer's brakes give out on the way home, and the customer dies in the ensuing one-car crash.

27 - N: John works at an automotive repair shop high up in the mountains. One day while hurriedly working on a number of cars in the shop, John inspects one customer's car and tells the customer it is safe to drive, but forgetting to replace the worn brake linings because he is in such a rush. The customer's brakes give out on the way home, and the customer dies in the ensuing one-car crash.

27 - B: John works at an automotive repair shop high up in the mountains. One day he finishes a brake job for a customer who's brought his car in to the repair shop, but through an honest mistake since the part he used looked fine but was defectively manufactured, the car's brakes are not actually repaired. The customer's brakes give out on the way home, and the customer dies in the ensuing one-car crash.

28 - P: John is the operator of a drawbridge that crosses over a busy Midwestern river. When a large boat with a tall mast ignores John's warnings to stop and keeps moving toward the bridge, John decides to injure the boaters by lowering the bridge as the boat passes under, even though there are no oncoming cars. When the bridge lowers, it strikes the boat, causing damage to the mast and severely injuring the two boaters.

28 - K: John is the operator of a drawbridge that crosses over a busy Midwestern river. When traffic in both directions starts to build up to unprecedented levels, John lowers the bridge to ease the congestion, even though he is practically certain that the lowered bridge will strike a large boat passing under and injure its occupants. When the bridge lowers, it strikes the boat, causing damage to the mast and severely injuring the two boaters.

28 - R: John is the operator of a drawbridge that crosses over a busy Midwestern river. When traffic in both directions starts to build up to unprecedented levels, John lowers the bridge to ease the congestion, even though he knows there is a good chance that it will strike a large boat passing under and injure its occupants. When the bridge lowers, it strikes the boat, causing damage to the mast and severely injuring the two boaters.

28 - N: John is the operator of a drawbridge that crosses over a busy Midwestern river. When traffic in both directions starts to build up to unprecedented levels, John lowers the bridge to ease the congestion, inattentive to the fact that a large boat is passing under the bridge and doesn't have enough time to pass under. When the bridge lowers, it strikes the boat, causing damage to the mast and severely injuring the two boaters.

28 - B: John is the operator of a drawbridge that crosses over a busy Midwestern river. When oncoming traffic starts to build up to unprecedented levels, John lowers the bridge to ease the congestion, and when a large boat unexpectedly veers toward the bridge and tries to make it through, the bridge unavoidably lowers on the boat. When the bridge lowers, it strikes the boat, causing damage to the mast and severely injuring the two boaters.

29 - P: John is a cyclist who is racing against his top rival in a big championship race through hilly terrain. Very upset at his rival for refusing to let him pass for over a mile, John chooses to pull up close to his rival cyclist and injure him by using his arm to push his rival off his bike. The rival falls to the ground, and suffers multiple fractures requiring months of recovery.

29 - K: John is a cyclist who is racing against his top rival in a big championship race through hilly terrain. Wanting to win the large prize for the winner, John passes his rival cyclist very tightly around a curve, virtually certain that this maneuver will throw his rival off his bike and injure him, but choosing to do it anyway. The rival falls to the ground, and suffers multiple fractures requiring months of recovery.

29 - R: John is a cyclist who is racing against his top rival in a big championship race through hilly terrain. Wanting to win the large first place prize, John passes his rival cyclist tightly around a curve, knowing there is a good chance that this will throw his rival off his bike and injure him, but choosing to do it anyway. The rival falls to the ground, and suffers multiple fractures requiring months of recovery.

29 - N: John is a cyclist who is racing against his top rival in a big championship race through hilly terrain. As the lead group of cyclists rounds a hilly curve near the end of the race, John carelessly lets his bike drift to the right, where his rival cyclist is biking and has no room to maneuver out of the way. The rival falls to the ground, and suffers multiple fractures requiring months of recovery.

29 - B: John is a cyclist who is racing against his top rival in a big championship race through hilly terrain. As John and his rival cyclist are pedaling through the mountains, a car that is not supposed to be on the course suddenly drives in front of the rival cyclist next to John, who unavoidably swerves and hits his rival cyclist. The rival falls to the ground, and suffers multiple fractures requiring months of recovery.

30 - P: John rents out rafts for groups to use on the nearby river. When the owner of a rival rafting company decides to try out John's service, John rents him a leaky raft, desiring that the leaks will cause the raft to start sinking in the rapids, fill with water, and hurt his rival. The raft sinks due to the leaks, and the rafters suffer injuries requiring surgery and months of recovery.

30 - K: John rents out rafts for groups to use on the nearby river. Wanting to save every penny, John does not repair leaks in his largest raft, even though he's practically certain that these leaks will eventually widen and cause the raft to start sinking in the rapids, fill with water, and hurt the rafters. The raft sinks due

to the leaks, and the rafters suffer injuries requiring surgery and months of recovery.

30 - R: John rents out rafts for groups to use on the nearby river. Wanting to save every penny, John does not repair leaks in his largest raft, even though he's conscious of the likelihood that these leaks will eventually widen and cause the raft to start sinking in the rapids, fill with water, and hurt the rafters. The raft sinks due to the leaks, and the rafters suffer injuries requiring surgery and months of recovery.

30 - N: John rents out rafts for groups to use on the nearby river. One day John rents out his largest raft, overlooking the fact that this raft has several leaks which should have been fixed, and that these leaks could cause the raft to start sinking in the rapids, fill with water, and hurt the rafters. The raft sinks due to the leaks, and the rafters suffer injuries requiring surgery and months of recovery.

30 - B: John rents out rafts for groups to use on the nearby river. One day, despite being as careful as he can in giving a group of rafters directions about how to safely operate the raft, the rafters accidentally take the raft through shallow, rocky waters, which causes the raft to start sinking in the rapids. The raft sinks due to the leaks, and the rafters suffer injuries requiring surgery and months of recovery.