

Obesity Stigma: Important Considerations for Public Health

Rebecca M. Puhl, PhD, and Chelsea A. Heuer, MPH

Stigma and discrimination toward obese persons are pervasive and pose numerous consequences for their psychological and physical health. Despite decades of science documenting weight stigma, its public health implications are widely ignored. Instead, obese persons are blamed for their weight, with common perceptions that weight stigmatization is justifiable and may motivate individuals to adopt healthier behaviors. We examine evidence to address these assumptions and discuss their public health implications. On the basis of current findings, we propose that weight stigma is not a beneficial public health tool for reducing obesity. Rather, stigmatization of obese individuals threatens health, generates health disparities, and interferes with effective obesity intervention efforts. These findings highlight weight stigma as both a social justice issue and a priority for public health. (*Am J Public Health*. 2010;100:1019–1028. doi:10.2105/AJPH.2009.159491)

Negative attitudes toward obese persons are pervasive in North American society. Numerous studies have documented harmful weight-based stereotypes that overweight and obese individuals are lazy, weak-willed, unsuccessful, unintelligent, lack self-discipline, have poor willpower, and are noncompliant with weight-loss treatment.^{1–3} These stereotypes give way to stigma, prejudice, and discrimination against obese persons in multiple domains of living, including the workplace, health care facilities, educational institutions, the mass media, and even in close interpersonal relationships.^{1–3} Perhaps because weight stigma remains a socially acceptable form of bias, negative attitudes and stereotypes toward obese persons have been frequently reported by employers, coworkers, teachers, physicians, nurses, medical students, dietitians, psychologists, peers, friends, family members,^{1–4} and even among children aged as young as 3 years.⁵

Recent estimates suggest that the prevalence of weight discrimination has increased by 66% over the past decade,⁶ and is now comparable to prevalence rates of racial discrimination in America.⁷ Despite several decades of literature documenting weight stigma as a compelling social problem,^{1,2,8,9} this form of stigma is rarely challenged in North American society and its public health implications have been primarily ignored. Instead, prevailing societal attributions place blame on obese individuals for

their excess weight, with common perceptions that weight stigmatization is justifiable (and perhaps necessary) because obese individuals are personally responsible for their weight,¹⁰ and that stigma might even serve as a useful tool to motivate obese persons to adopt healthier life-style behaviors.^{11–13}

We have examined existing evidence to address these assumptions about weight stigma and discuss their public health implications. Documentation of the stigma of obesity has been extensively reviewed elsewhere,^{1,2,4} thus, our aim was to highlight relevant evidence from this body of work to examine public health implications of weight stigma, an issue that has received little attention in the obesity field.

We obtained articles cited in this paper through comprehensive literature searches in computerized medical and social science databases, including PubMed, PsycINFO, and SCOPUS. Search terms were limited to various keyword combinations pertaining specifically to body weight and stigma descriptors to identify studies examining the relationship between weight stigma and public health, and emotional and physical health consequences of obesity stigma. (For examples of descriptor search terms, please refer to Puhl and Heuer.²) We also conducted manual searches for specific authors and journals that have published relevant research on these topics. In addition, we retrieved references from a recent

comprehensive systematic review of peer-reviewed research studies documenting bias and stigma toward obese individuals that we recently published.² The vast majority (87%) of studies we included were published in the past decade, with the exception of several studies published earlier that are cited when relevant to the historical context of the discussion or to provide 7 examples of landmark studies.

On the basis of the current evidence, we conclude that weight stigma is not a beneficial public health tool for reducing obesity or improving health. Rather, stigmatization of obese individuals poses serious risks to their psychological and physical health, generates health disparities, and interferes with implementation of effective obesity prevention efforts. This evidence highlights the importance of addressing weight stigma as both a social justice issue and a priority in public health interventions to address obesity.

DISEASE STIGMA AND PUBLIC HEALTH

In the field of public health, stigma is a known enemy. Throughout history, stigma has imposed suffering on groups vulnerable to disease and impaired efforts to thwart the progression of those diseases. Disease stigma occurs when groups are blamed for their illnesses because they are viewed as immoral, unclean, or lazy.¹⁴ For example, in 19th century America, Irish immigrants were commonly believed to be responsible for epidemic diseases because they were “filthy and unmindful of public hygiene.”^{14(p4)} As large numbers of Irish-born immigrants died of cholera and other diseases, many viewed their deaths as acts of retribution upon the “sinful and spiritually unworthy.”^{14(p36)} When African Americans were dying from tuberculosis at the beginning of the 20th century, rather than investing in prevention or treatment of tuberculosis, many cities’ authorities issued warnings to its White citizens against commingling with or hiring African

Americans.¹⁵ Even the stigmatization of injection drug users and individuals with gonorrhea has been denounced as a barrier to testing and treatment.^{16,17} These examples have resulted in a broad understanding of the implications of stigma for public health. According to Herek et al.,

Historical examples abound of stigma interfering with collective responses to diseases ranging from cholera to syphilis. In all of these cases, the social construction of illness incorporated moral judgments about the circumstances in which it was contracted as well as preexisting hostility toward the groups perceived to be most affected by it.^{18(p538)}

In the case of HIV/AIDS, the detrimental role of stigma has become so clear that national and international health agendas explicitly identify stigma and discrimination as major barriers to effectively addressing the epidemic. As early as the mid-1980s, just a few years after the disease was initially identified, discrimination against those at risk for HIV/AIDS was identified as counterproductive,¹⁹ and early public health policies included protections for patients' privacy and confidentiality.²⁰ As it became more evident that stigma and discrimination were among the root causes of vulnerability to HIV/AIDS, the United Nations General Assembly Special Session on HIV/AIDS adopted the Declaration of Commitment in 2001, which pledged signatory states to "develop strategies to combat stigma and social exclusion connected with the epidemic."^{21(p9)} Subsequently, stigma and discrimination were chosen as the theme for the 2002–2003 World AIDS Campaign.²² In 2007, the Joint United Nations Programme on HIV/AIDS issued the report, *Reducing HIV Stigma and Discrimination: A Critical Part of National AIDS Programmes*, which provides strategies for centralizing the reduction of stigma and discrimination within national responses to the disease. Recommendations from the report include providing funding and programming activities for multifaceted national approaches to the reduction of HIV stigma and discrimination.²³

Thus, within current public health ideology there is clear recognition of the critical obstacles created by disease stigma. Bayer notes:

In the closing decades of the 20th century, a broadly shared view took hold that the stigmatization of those who were already vulnerable provided the context within which diseases

spread, exacerbating morbidity and mortality. . . . In this view, it was the responsibility of public health officials to counteract stigma if they were to fulfill their mission to protect the communal health.^{24(p252)}

In sharp contrast, the stigma of obesity has not been addressed as a legitimate concern that requires the attention of those working to combat obesity, and is rarely discussed in the context of public health.^{25,26} In fact, weight stigma has been suggested by some as a method for obesity control.^{11–13} The lack of attention to weight stigma has persisted despite nearly 5 decades of scientific research documenting weight stigma and its consequences for obese individuals.^{1,2} Its absence was noted in the 1960s when stigma research was first emerging. In 1968, Cahnman published the article entitled "The Stigma of Obesity," in which he wrote:

Obesity is hardly ever mentioned in the writings of sociologists, and not at all in the literature on social deviance. This omission is amazing. . . . Clearly, in our kind of society, with its stress on affluence and upward mobility, being overweight is considered to be detrimental to health, a blemish to appearance, and a social disgrace.^{27(p283)}

This omission remains almost 50 years later. Even as obesity rates have risen dramatically, weight stigma is rarely, if ever, afforded the same recognition or intervention as other disease stigmas.

Although there is significant consensus that stigma undermines public health, this principle has not been applied to the obesity epidemic. Common societal assumptions about obesity, including the notion that obese individuals are to blame for their weight, contribute to the disregard of weight stigma and its impact on emotional and physical health. An examination of these assumptions in light of current scientific evidence reveals that obesity stigma creates significant barriers in efforts to address obesity and deserves recognition in the public health agenda.

COUNTERING ASSUMPTIONS THAT PERPETUATE WEIGHT STIGMA

Social constructions of body weight are ingrained in the way that our society perceives and reacts to obesity.^{10,28} According to Herek, the social meaning of disease involves assigning responsibility and blame, so that those afflicted

with disease become regarded as either victims or perpetrators.¹⁸ Society regularly regards obese persons not as innocent victims, but as architects of their own ill health, personally responsible for their weight problems because of laziness and overeating.^{29–31} These common assumptions provide the foundation for weight stigma, a prejudice that is often dismissed as acceptable and necessary. Not only is weight stigma viewed as a beneficial incentive for weight loss, but it is also assumed that the condition of obesity is under personal control,^{10,28,32,33} implying that the social influence of weight stigma will be sufficient to produce change.

Although these assumptions about obesity and weight stigma are prevalent in our national mindset, considerable scientific evidence has emerged to challenge them. To optimize obesity prevention and intervention efforts, these assumptions must be addressed within the sphere of public health, with recognition of the harmful impact of weight stigma on quality of life and the need to eliminate stigma from current and future public health approaches to the obesity epidemic. We present scientific evidence relevant to these societal assumptions.

Weighty Misperceptions

Societal attributions about the causes of obesity contribute significantly to expressions of weight stigma. Experimental research in psychology consistently demonstrates that obese persons are stigmatized because their weight is perceived to be caused by factors within personal control (e.g., overeating and lack of exercise).^{9,34–37} More than 2 decades ago Weiner et al. first assessed the relationship between perceptions of personal responsibility and stigmatizing conditions, and found that conditions rated low on personal responsibility (such as Alzheimer's disease) were rated high on liking and elicited pity and intentions to help from others.²⁸ However, individuals with stigmatizing conditions rated high on personal responsibility (e.g., obesity and drug addiction) were disliked, evoked little pity and high anger, and received low ratings of helping tendencies.²⁸

Research findings since that time have followed suit. In a study examining attitudes toward 66 different diseases and health conditions (including obesity), the attributed degree of personal responsibility for the disease

predicted social distance and rejection by participants.³⁸ Experimental research additionally shows that providing individuals with information emphasizing personal responsibility for obesity increases negative stereotypes toward obese persons, whereas information highlighting the complex etiology of obesity (such as biological and genetic contributors) improves attitudes and reduces stereotypes.³⁹

The view that obesity is a matter of personal responsibility is the prevailing message in the media.^{29–31,40,41} News coverage of the personal causes and solutions to obesity significantly outnumber other societal attributions of responsibility.²⁹ Entertainment media also communicate anti-fat messages and reinforce perceptions that body weight is within personal control.^{42–44} The current societal message is that both the cause and the solution for obesity reside within the individual. Thus, the pervasiveness of the “personal responsibility” message plays a key role in stigmatization, and serves to justify stigma as an acceptable societal response.^{45–47}

However, this prevailing message does not accurately reflect the science. Many significant contributors to obesity are beyond the control of individuals. In addition to the important role of genetic and biological factors regulating body weight,^{48–50} multiple social and economic influences have significantly altered the environment to promote and reinforce obesity.⁵¹ As Seng Lee notes,

We have created a biology–environment mismatch, as the human weight regulation is unable to evolve fast enough to keep pace with the environmental change.^{50(p45)}

Advancements in workplace technology and reduction of manual labor have resulted in decreased energy expenditure. The built environment has decreased opportunities for healthy lifestyle behaviors through factors such as urban design, land use, public transportation availability,^{52,53} density and location of food stores and restaurants,⁵⁴ and neighborhood barriers such as safety and walkability.^{53,55,56}

Significant changes have taken place in the food environment with increased accessibility of inexpensive foods. Prices of calorie-dense foods and beverages have decreased considerably in contrast to increasing prices of fresh fruits, vegetables, fish, and dairy items,⁵¹ contributing to increased consumption of unhealthy

foods, especially as the portion sizes of these items have grown considerably larger.⁵⁷ Significant marketing and advertising of unhealthy, energy-dense foods by the food industry contribute to excessive food consumption in important ways,^{58,59} especially for children, who are heavily targeted.^{60,61}

These complex societal and environmental conditions that have created obesity necessitate that we move beyond the narrow focus that targets the individual as both the culprit and the solution for obesity. Public health efforts must address the multiple forces contributing to the development and maintenance of obesity and recognize that individual behaviors are powerfully shaped by the obesogenic environment. As Cohen concludes, “a more accurate conceptualization of the obesity epidemic is that people are responding to the forces in their environment, rather than lacking in willpower and self-control.”^{62(p141)} There is increasing consensus that environmental change is essential to the solution of obesity.^{62–64}

There is also considerable scientific consensus about the challenge of significant long-term weight loss.⁶⁵ A systematic review of 80 randomized clinical trials of weight-loss interventions with at least 1 year of follow-up (including interventions of diet, diet and exercise, exercise, meal replacements, very-low-calorie diets, and weight-loss medications) found the mean weight loss across studies to be 5% to 9% at 6 months, with a subsequent plateau across most interventions.⁶⁶ These findings parallel a recent meta-analysis of 46 randomized controlled trials that revealed a maximum net treatment effect of approximately 6% of body weight lost at 1-year follow-up.⁶⁷ Many other recent scientific reviews of multiple weight-loss trials and programs produced, on average, no more than 10% weight loss at 1- or 2-year follow-up.^{68–71}

As a result of these and other consistent findings demonstrating modest results of most weight-loss interventions, there is recognition in the scientific community that existing dietary programs and medications can produce no more than an average of 10% weight loss.⁷² This evidence has prompted agreement among a number of expert panels and scientific groups (including the Institute of Medicine, World Health Organization, Preventive Task Force, Canadian Task Force of Preventive Health Care, and National Heart, Lung, and Blood Institute)

that health care providers should counsel patients to set a goal of 10% reduction in total body weight rather than struggle to attain ideal body weight.⁷³ For obese individuals who want to lose substantial body weight to improve their health (as opposed to individuals who want to obtain modest weight loss for aesthetic reasons), a 10% weight loss means that many obese persons will remain obese and continue to be vulnerable to weight stigma.

The high rate of weight regain following weight loss is equally concerning. Most weight losses are not maintained and individuals regain weight after completing treatment.^{67,70} Patients who have lost weight through lifestyle modification typically regain 30% to 35% of their lost weight during the year following treatment, and regain most (if not all) of their lost weight within 5 years.^{65,68,74–76} The consistent findings in this area indicate that preventing weight regain is extremely challenging.⁷⁷ As a result, experts in the obesity field have concluded that weight regain occurs in practically all dietary and behavioral interventions,⁶⁵ and other researchers have asserted that

Dieters who manage to sustain a weight loss are the rare exception, rather than the rule. Dieters who gain back more weight than they lost may very well be the norm, rather than an unlucky minority.^{70(p230)}

Despite weight regain, individuals can experience important improvements in health with modest weight loss of approximately 10%,^{75,78} including reductions in obesity-related health complications such as type 2 diabetes and hypertension⁶⁸ and improvements in cardiovascular risk.⁷⁷ However, even if modest weight loss improves some health indices, it is unlikely to significantly alter appearance or translate to a nonobese body mass index (BMI; weight in kilograms divided by height in meters squared) for most people, and is doubtful to be sufficient to reduce weight stigma and discrimination.

It is also important to note increasing research documenting a considerable percentage of overweight and obese persons who are metabolically healthy and nonoverweight individuals who exhibit metabolic and cardiovascular risk factors.⁷⁹ Although excess weight can incur significant implications for disease risk, variation in health indices observed in people with similar body mass indicates caution in generalizations made about body size and

health behaviors, which can further contribute to stigma and misleading stereotypes. For those individuals without metabolic risk factors, losing weight may not be important for improving health. The recognition that there are obese individuals who are metabolically healthy and nonoverweight individuals who are metabolically obese challenges weight-based stereotypes and reinforces the heterogeneous nature of obesity.^{80,81}

Because weight-based stereotypes and prejudice so often emerge from attributions that obesity is caused and maintained by personal characteristics such as laziness or lack of willpower,^{10,47} there is a clear need for increased public awareness and education about the complex etiology of obesity and the significant obstacles present in efforts to achieve sustainable weight loss. The prevailing societal and media messages that reinforce blame on obese persons need to be replaced with messages that obesity is a chronic disease with a complex etiology, and a lifelong condition for most obese persons.⁷³

An Unlikely Motivator for Weight Loss

In his recent writings about the counterproductive nature of stigma on health, Burris asks "Where is the evidence that inculcating a sense of spoiled identity is a good way to get people to adopt healthier behaviors?"^{82(p475)} Indeed, despite the shame and prejudice induced by weight stigma, there is a perception that stigmatizing obese individuals may instill motivation to engage in healthier eating and exercise behaviors. The idea that stigma may be a useful tool of social control to discourage unhealthy behaviors and improve the health of stigmatized individuals has been debated, with some theorizing that individuals will act to change their behaviors to avoid being out of step with social norms and the resulting stigmatization.⁸³

However, several lines of evidence fail to demonstrate this relationship with obesity. First, if weight stigma promoted healthier lifestyle behaviors and weight loss, then the documentation of increased weight stigmatization over the past several decades⁸⁴ should be accompanied by a reduction in obesity rates, rather than the alarming increase.⁸⁵ A recent study examining a nationally representative sample of more than 2000 Americans found that as obesity rates have continued to climb, weight discrimination has also increased by 66% over

the past 10 years, even after control for a range of variables including BMI.⁶ Not only are there more obese people, but there are more obese people reporting discrimination on the basis of their weight.

Second, a number of studies have consistently demonstrated that experiencing weight stigma increases the likelihood of engaging in unhealthy eating behaviors and lower levels of physical activity, both of which exacerbate obesity and weight gain. Among youths, several studies have demonstrated that overweight children who experience weight-based teasing are more likely to engage in binge-eating and unhealthy weight control behaviors compared with overweight peers who are not teased, even after control for variables such as BMI and socioeconomic status.^{86,87} Prospective studies demonstrate that weight-based teasing in youths predicts binge eating and extreme weight-control practices 5 years later, after control for variables including age, race, and socioeconomic status.⁸⁸ Other research has consistently documented a positive association between weight-based victimization and eating disorder symptoms and bulimia.⁸⁹⁻⁹² Weight-based victimization among overweight youths has been linked to lower levels of physical activity, negative attitudes about sports, and lower participation in physical activity among overweight students.⁹³⁻⁹⁵

Among overweight and obese adults, similar findings have emerged. In both clinical and nonclinical samples, adults who experience weight-based stigmatization engage in more frequent binge eating,⁹⁶⁻⁹⁹ are at increased risk for maladaptive eating patterns and eating disorder symptoms,^{90,100,101} and are more likely to have a diagnosis of binge eating disorder.⁹⁹ Some research has found that psychological distress may mediate the association between stigma and binge eating, where experiences of stigma increase vulnerability to poor psychological functioning, which in turn increases risk of binge eating behaviors.⁹⁷

Coping responses in reaction to weight stigma may also lead to unhealthy eating behaviors. In a study of more than 2400 overweight and obese women who belonged to a weight loss support organization, 79% reported coping with weight stigma on multiple occasions by eating more food, and 75% reported coping by refusing to diet.¹⁰² Similar research demonstrated that overweight and

obese women who internalized negative weight stigma reported more frequent binge eating and refusal to diet compared with overweight or obese adults who did not internalize stigma.¹⁰³ Research also shows that adults who experience weight stigma are more likely to avoid exercise, even after control for BMI and body dissatisfaction.¹⁰⁴

Few studies have addressed the relationship between stigmatizing experiences and actual weight loss. In a study of more than 1000 overweight and obese women participating in a weight-loss support organization, it was found that stigma and internalization of weight-based stereotypes did not predict adoption of weight-loss strategies.¹⁰³ Another study demonstrated that weight stigmatization was associated with greater caloric intake, higher program attrition, lower energy expenditure, less exercise, and less weight loss in a sample of treatment-seeking overweight and obese adults who participated in a behavioral weight loss program.¹⁰⁵ In contrast, one study found that higher initial BMI, more stigmatizing experiences, lower body dissatisfaction, and greater fear of fat were associated with weight loss among adults participating in the Trevoise Behavior Modification Program.¹⁰⁶ However, the authors cautioned against interpretation and generalizability of these results, as the obesity treatment model in this study required participants to lose a prescribed amount of weight each month or face dismissal from the program. The atypical sample and concurrent assessment of variables raise uncertainty about these findings.

Rather than using stigma as an incentive to lose weight, it may be that supporting individuals with adaptive ways to cope with weight stigma can facilitate weight loss outcomes. A recent randomized treatment study found that, compared with wait-list controls, a brief 1-day intervention that taught patients acceptance-based strategies to cope with obesity-related stigma resulted in greater improvements in body mass, quality of life, perceived weight-related stigma, and psychological distress at 3-month follow-up.¹⁰⁷ Thus, a model that can reduce the distress associated with stigma while simultaneously empowering weight control efforts provides a new treatment approach that seems worthwhile to pursue.

Although more work is needed to examine the impact of weight stigma on weight loss

outcomes, the available evidence challenges the assumption that weight stigma is a useful tool for changing health behaviors. Instead, research shows that weight stigmatization reinforces unhealthy lifestyle behaviors that contribute to obesity, and is an unlikely method of inducing successful weight loss.

A Threat to Psychological and Physical Health

In addition to reinforcing unhealthy behaviors, weight stigma poses a significant threat to psychological and physical health. An accumulation of evidence demonstrates that weight stigma invokes psychological stress and emerging research suggests that this stress leads to poor physical health outcomes for obese individuals. Among both clinical and nonclinical samples of obese adults, weight stigmatization has been documented as a significant risk factor for depression,^{90,99,108–111} low self-esteem,^{96,112} and body dissatisfaction.^{113–115} These findings persist despite control for variables including age, gender, obesity onset, and BMI,^{108,110} indicating that, rather than being associated with excess body weight in itself, negative psychological outcomes are linked with experiences of weight-based stigmatization. In addition, a recent study examining a nationally representative sample of more than 9000 obese adults found that perceived weight discrimination was significantly associated with a current diagnosis of mood and anxiety disorders and mental health services use after control for sociodemographic characteristics and perceived stress.¹¹⁶

Meunnig¹¹⁷ argued that the high degree of psychological stress experienced by obese persons as a result of weight stigma contributes to the pathophysiology associated with obesity, and that many of the adverse biochemical changes that are associated with adiposity can also be caused by the psychological stress that accompanies the experience of frequent weight-based discrimination. Social disadvantages may specifically affect obesity through chronic stress, anxiety, and negative mood, which are associated with abdominal obesity, and may increase risk for obesity by activating particular physiological mechanisms that can increase appetite and blunt the satiety system, increasing fat retention and food intake.¹¹⁸

The belief that stigma-induced stress both exacerbates and triggers disease is frequently

discussed in literature on the health effects of racial prejudice and discrimination. Research has demonstrated that African Americans who perceive racial discrimination or mistreatment have an increased risk of coronary events,¹¹⁹ breast cancer,¹²⁰ coronary artery calcification,¹²¹ vascular reactivity, and elevated blood pressure,^{122–124} and higher substance use.¹²⁵ These outcomes persist even when possible confounding variables—including sociodemographics, typical cardiovascular risk factors, and BMI—are controlled.^{121,124} Similar findings have emerged among Asian Americans and Chinese Americans, demonstrating that racial discrimination is associated with numerous chronic conditions such as heart disease, pain, and respiratory illness, even after related sociodemographic factors are controlled.^{126,127} These findings have led researchers to conclude that racism may act as a psychosocial stressor that elevates cardiovascular responses and in turn impairs health.¹²²

Some evidence points directly to links between perceived racial discrimination and obesity-related outcomes, including weight gain and metabolic abnormalities.^{118,128} Hunte and Williams found that perceived chronic discrimination was related to excess body fat accumulation. Irish, Jewish, Polish, and Italian Whites who perceived chronic discrimination were 2 to 6 times more likely to have a high-risk waist circumference than White individuals of the same ethnic descent who did not perceive chronic discrimination.¹²⁹ Other research has found that individuals who internalize stigma may be especially vulnerable to abdominal obesity and glucose intolerance.¹²⁸

There are distinctions between prejudices based on race and weight (see Puhl and Latner for discussion⁴), but these findings have important implications for the impact of weight stigma on health outcomes for obese individuals. Current evidence suggests that weight-based stigma and discrimination increase vulnerability to psychological distress that may contribute to poor physical health. Given the increased risk of adverse outcomes already present with obesity, the additional negative impact of weight stigmatization on health is concerning. As Link and Phelan concluded:

[T]he stress associated with stigma can be particularly difficult for those with disease-associated stigma. Not only are they at risk to develop other stress-related illnesses, but the clinical

course of the stigmatized illness itself may be worsened and other outcomes affected, such as the ability to work or lead a normal social life.^{130(p529)}

Continued research in this area will help to clarify the relationship between weight stigma-induced stress and health.

A Threat to Quality Health Care

An accumulation of research has found that health care settings are a significant source of weight stigma,² which undermines obese patients' opportunity to receive effective medical care. Both self-report and experimental research demonstrate negative stereotypes and attitudes toward obese patients by a range of health care providers and fitness professionals, including views that obese patients are lazy, lacking in self-discipline, dishonest, unintelligent, annoying, and noncompliant with treatment.¹² There is also research indicating that providers spend less time in appointments and provide less health education with obese patients compared with thinner patients.^{131,132} In response, obese individuals frequently report experiences of weight bias in health care.^{102,133,134} Obese patients also indicate that they feel disrespected by providers, perceive that they will not be taken seriously because of their weight, report that their weight is blamed for all of their medical problems, and are reluctant to address their weight concerns with providers.^{133–135} All of these findings point to substandard health care experiences for obese individuals.

Health care utilization is also compromised by weight stigma. A number of studies demonstrate that obese persons are less likely to undergo age-appropriate preventive cancer screenings.^{136–139} Lower rates of preventive health care exist even after control for factors typically associated with reduced health care use, such as less education, lower income, lack of health insurance, and greater illness burden.¹⁴⁰ Recent research indicates that weight stigma may be a specific contributor to these findings.² Amy et al. surveyed 498 overweight and obese women (with health insurance and high access to health care) about their perceived barriers to routine gynecological cancer screenings.¹³⁵ For women at the highest levels of obesity, 68% reported that they delayed seeking health care because of their weight, and 83% reported that their weight was a barrier to getting appropriate

health care. When asked about specific reasons for delay of care, women reported disrespectful treatment and negative attitudes from providers, embarrassment about being weighed, receiving unsolicited advice to lose weight, and also reported that gowns, examination tables, and other medical equipment were too small to be functional for their body size. The percentage of women reporting these barriers increased with BMI.¹³⁵

As obese individuals are at a high risk for weight-related comorbidities, quality health care is essential. Acknowledging the detrimental effects of weight stigma in health care is essential for a better understanding of the cumulative impacts of weight stigma on public health.

Impaired Obesity Intervention Efforts

The stigmatized nature of a disease greatly influences public health efforts to prevent or treat that disease, which is widely evidenced by the social history of HIV/AIDS and other stigmatized illnesses.²⁴ Although the social constructions of obesity are far less recognized, they play a central role in defining policy responses to the epidemic. Governments historically fail to respond appropriately to diseases that primarily afflict socially undesirable groups.¹⁵ Obesity is dismissed as a personal failing; thus, it is not addressed "on par" with nonstigmatized medical conditions. Rather than working on a comprehensive plan to address the obesity epidemic, policymakers have mainly focused efforts on education of those afflicted.¹⁵ Pomeranz writes:

Discrimination manifests in illness and disease that society and governments do not adequately address due to the very discrimination causing the harm. On the contrary, society and the government tend to blame the victims and enact and interpret legislation based on the theory that the people are not taking appropriate responsibility for their own health. Obese individuals internally suffer from weight bias but also suffer because society blames them for their illness and thus relinquishes responsibility of addressing the underlying causes of their obesity.^{15(p893)}

The emphasis on nutrition education in the US approach to obesity reflects assumptions that rates of obesity have risen because Americans lack sufficient knowledge of the personal behaviors that lead to weight gain. For example, the US Department of Health and Human Services launched its "Small Steps"

campaign in 2004, funded at \$1.5 million annually, with the primary objective to increase awareness among "unhealthy" Americans.¹⁴¹ The campaign consists of a series of radio and television public service messages that "use humor to inspire overweight adults to incorporate 'Small Steps' into their hectic lives." The campaign's Web site also features a "Health Tip of the Day," such as Small Step #92: "Walk instead of sitting around." Critics have complained that the Small Steps campaign is ineffective and sidesteps the real causes of obesity.¹⁴²

The stigmatization of obesity is also apparent when federal institutions' actions and policies regarding obesity are compared with those of other diseases.¹⁴³ For example, the National Institutes of Health projected 2009 budgets for cancer, HIV/AIDS, and digestive diseases are \$5.6 billion, \$2.9 billion, and \$1.2 billion, respectively. At the same time, the budget for obesity, which poses numerous health risks and affects significantly more Americans, pales at \$658 million.¹⁴⁴ Downey notes that, historically, government responses to public health challenges (such as tuberculosis, influenza, polio, smoking, and HIV/AIDS) have included large-scale coordinated efforts that contain strategies to combat stigma and discrimination. The federal government's response to obesity, however, has failed to meet this historical standard for addressing diseases that threaten the health and lives of a major proportion of Americans across every age, gender, racial, and socioeconomic group.¹⁴³

It is also significant to note that federal and state legislative initiatives related to obesity have largely avoided addressing the societal and environmental causes of the disease. Governments have spent significant time

considering legislation to protect the food and restaurant industry from potential civil injury claims compared with time spent developing obesity prevention policies.¹⁴³ In arguing in favor of the "Personal Responsibility in Food Consumption Act," one Congressman stated, "This bill is about self-responsibility. If you eat too much, you get fat. It is your fault. Don't try to blame somebody else."^{15,145} In 2008, a Mississippi State House Bill was proposed to prohibit restaurants from serving food to any person who is obese.¹⁵ Such a deliberate attempt at overt discrimination underscores the prevalence of weight stigma, even among key decision makers.

Optimistically, recent efforts have attempted to address the environmental and structural contributors to obesity (e.g., through policies aimed at improving school food, enacting menu labeling legislation, taxing sodas, and improving healthy food access). However, larger-scale efforts are needed. To address obesity commensurate to its impact, a coordinated and well-funded response is critical.

CRITICAL IMPLICATIONS FOR PUBLIC HEALTH

With the current body of evidence, it is apparent that, as with other stigmas, weight stigma has negative implications for public health. Weight stigma threatens the psychological and physical health of obese individuals, impedes the implementation of effective efforts to prevent obesity, and exacerbates health disparities. Figure 1 summarizes individual and public health consequences of weight stigma that may ultimately worsen life outcomes for obese persons.

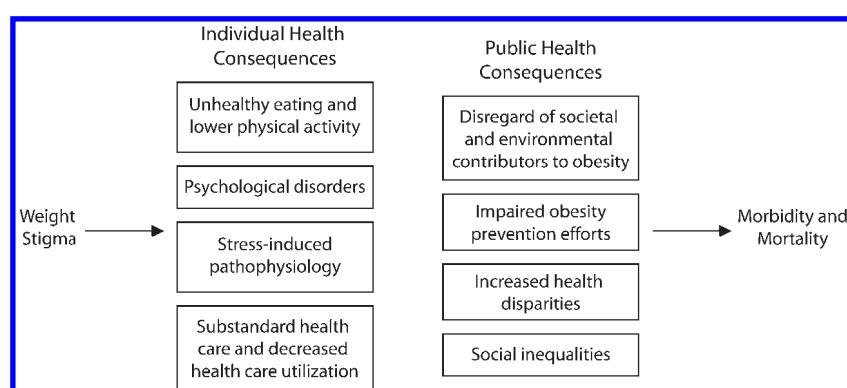


FIGURE 1—Individual and public health consequences of weight stigma.

By limiting the national response for obesity to education about individual choices regarding nutrition and physical activity, important societal and environmental causes of obesity are overlooked, the economic and social disparities that contribute to obesity are ignored, and weight stigma and discrimination are equally disregarded. Indeed, public health policy can either protect those afflicted with a disease from discrimination, or can promote unfair treatment and disparities. Unfortunately, the US government has not addressed weight stigma and discrimination in formal legislation, leaving millions of obese people to suffer unfair treatment because of their weight. These social consequences may intensify the health disparities already faced by obese Americans. Because obesity is especially prevalent among poor or minority groups who live in disadvantaged areas,¹⁴⁶ obese individuals often already belong to marginalized groups and experience multiple stigmatized statuses. Consequently, the stigmatization of obese individuals is inextricably linked to social inequalities.

For the public health community to address the widespread health and social disparities faced by obese people, we must move past the victim-blaming approach and instead advocate a comprehensive obesity prevention strategy that includes efforts to reduce weight-based stigma and discrimination. We offer 3 recommendations to achieve this goal.

First, it is essential for weight stigma to be addressed in obesity interventions, and for anti-stigma messages to be incorporated into obesity prevention campaigns. For example, interventions should focus on health as both the primary motivator and desired outcome for behavior change, rather than messages that emphasize achieving an ideal weight, which may perpetuate obesity stereotypes and chastise obese individuals. Unhealthy eating behaviors, such as fast food and soda consumption, can be discouraged for all people, regardless of their body size. It may be especially important to incorporate anti-stigma messages in interventions for youths, because of the vulnerability of obese children to the negative emotional and physical health consequences of weight-based victimization.⁴ A 2005 report issued by the Institute of Medicine acknowledged the importance of considering weight-based stigmatization in obesity

interventions for youths and recommended shifting the focus of prevention efforts to emphasize behaviors that promote health rather than appearance.¹⁴⁷ Similarly, the Society for Nutrition Education also recommends that school-based obesity prevention programs include promotion of weight tolerance and school policies prohibit weight-based teasing and victimization.¹⁴⁸ MacLean et al. asserted a range of stigma-specific recommendations for public health interventions for obesity, including evaluation of the social impact of existing interventions on stigma, providing stigma-reduction training for health care professionals, screening public health communication messages for stigmatizing content, seeking perspectives from obese persons in efforts to identify solutions to stigmatizing programs, and ensuring consistent implementation of nonstigmatizing messages.²⁵

Second, obesity prevention efforts need to expand beyond educational campaigns focused on individual behaviors toward larger-scale, coordinated policies that initiate social changes to help reverse the societal and environmental conditions that create obesity in the first place. Adler and Stewart proposed a “behavioral justice” approach to address obesity, which highlights the need to provide sufficient resources in the environment that enable individuals to engage in health-promoting behaviors.²⁶ They posited that individuals should only be held responsible for engaging in healthy behaviors if they have full access to conditions that enable those behaviors. That is, unless people have adequate resources (e.g., access to affordable, healthy foods) to resist the obesogenic environment, it is too difficult (and unjust) to expect individual actions to be successful. Thus, although this approach does not ignore personal responsibility, the emphasis is shifted from personal blame to an issue of social justice. Efforts to create environmental changes that support responsible behaviors will serve to improve health and reduce health disparities for all Americans, regardless of their weight. Acknowledging the complex etiology of obesity will also help reduce weight stigma and its negative consequences. As more local and national resources are allocated toward obesity prevention, it is important to ensure that resources are used productively and that weight stigma does not undermine new efforts.

Third, efforts to improve the health of obese individuals will be facilitated by legislation to prohibit weight-based discrimination. Currently, no federal legislation exists to protect obese individuals from discrimination on the basis of weight. Michigan is the only state that prohibits employment discrimination on the basis of weight, and the District of Columbia and the California cities of San Francisco and Santa Cruz are the only other areas to include body size in human rights ordinances.² Thus, as weight discrimination increases, overweight and obese individuals have no means to seek legal redress for wrongful discrimination. This lack of protection for obese individuals allows discrimination in employment, education, and health care to persist, contributing to health disparities, morbidity, and mortality. Meaningful legal remedies are clearly needed to protect against weight discrimination, both at a state and federal level. The accumulation of science documenting the negative consequences of weight stigma and discrimination provides ample justification for legal action. Public health professionals can play an important role in supporting necessary protections for obese individuals.

The stigmatization of obesity is pervasive, damaging, and threatens core public health values. Rates of overweight and obesity are as high as 76% for some groups in the United States.¹⁴⁹ By ignoring weight stigma, the public health community ignores substantial suffering of many Americans. To effectively address the obesity epidemic and improve public health, it is essential to challenge common societal assumptions that perpetuate weight stigma, and prioritize discussions of weight stigma in the national discourse on obesity. ■

About the Authors

The authors are with the Rudd Center for Food Policy and Obesity at Yale University, New Haven, CT.

Correspondence should be sent to Rebecca Puhl, PhD, Director of Research and Weight Stigma Initiatives, Rudd Center for Food Policy and Obesity, Yale University, 309 Edwards St, New Haven, CT 06520-8369 (e-mail: rebecca.puhl@yale.edu). Reprints can be ordered at <http://www.ajph.org> by clicking the “Reprints/Eprints” link.

This article was accepted June 25, 2009.

Contributors

Both authors reviewed the relevant literature, wrote significant portions of the article, conceptualized ideas, interpreted findings, and reviewed drafts of the article.

Acknowledgments

This research was funded by the Rudd Center for Food Policy and Obesity at Yale University.

Human Participant Protection

No protocol approval was needed for this research.

References

- Puhl R, Brownell KD. Bias, discrimination, and obesity. *Obes Res*. 2001;9(12):788–805.
- Puhl RM, Heuer CA. Weight bias: a review and update. *Obesity (Silver Spring)*. 2009;17(5):941–964.
- Brownell KD, Puhl RM, Schwartz MB, Rudd L, eds. *Weight Bias: Nature, Consequences, and Remedies*. New York, NY: The Guilford Press; 2005.
- Puhl RM, Latner JD. Stigma, obesity, and the health of the nation's children. *Psychol Bull*. 2007;133(4):557–580.
- Cramer P, Steinwert T. Thin is good, fat is bad: how early does it begin? *J Appl Dev Psychol*. 1998;19:429–451.
- Andreyeva T, Puhl RM, Brownell KD. Changes in perceived weight discrimination among Americans: 1995–1996 through 2004–2006. *Obesity (Silver Spring)*. 2008;16(5):1129–1134.
- Puhl RM, Andreyeva T, Brownell KD. Perceptions of weight discrimination: prevalence and comparison to race and gender discrimination in America. *Int J Obes (Lond)*. 2008;32(6):992–1000.
- Richardson SA, Goodman N, Hastorf AH, Dornbusch SM. Cultural uniformity in reaction to physical disabilities. *Am Sociol Rev*. 1961;26:241–247.
- DeJong W. The stigma of obesity: the consequences of naive assumptions concerning the causes of physical deviance. *J Health Soc Behav*. 1980;21(1):75–87.
- Puhl R, Brownell KD. Ways of coping with obesity stigma: conceptual review and analysis. *Eat Behav*. 2003;4(1):53–78.
- Crister G. *Fat Land: How Americans Became the Fattest People in the World*. New York, NY: Houghton Mifflin; 2004.
- Averett S, Korenman S. Black-white differences in social and economic consequences of obesity. *Int J Obes Relat Metab Disord*. 1999;23(2):166–173.
- Hebl MR, Heatherton TF. The stigma of obesity in women: the difference is black and white. *Pers Soc Psychol Bull*. 1998;24(4):417–426.
- Kraut AM. *Silent Travelers: Germs, Genes, and the "Immigrant Menace."* Baltimore, MD: The Johns Hopkins University Press; 1994.
- Pomeranz JL. A historical analysis of public health, the law, and stigmatized social groups: the need for both obesity and weight bias legislation. *Obesity (Silver Spring)*. 2008;16:S93–S102.
- Luoma JB, Twohig MP, Waltz T, et al. An investigation of stigma in individuals receiving treatment for substance abuse. *Addict Behav*. 2007;32(7):1331–1346.
- Fortenberry JD, McFarlane M, Bleakley A, et al. Relationships of stigma and shame to gonorrhea and HIV screening. *Am J Public Health*. 2002;92(3):378–381.
- Herek GM, Capitanio JP, Widaman KF. Stigma, social risk, and health policy: public attitudes toward HIV surveillance policies and the social construction of illness. *Health Psychol*. 2003;22(5):533–540.
- Mann J, Tarantola D. Responding to HIV/AIDS: a historical perspective. *Health Hum Rights*. 1998;2(4):5–8.
- Bayer R. Public health policy and the AIDS epidemic: an end to HIV exceptionalism? *N Engl J Med*. 1991;324(21):1500–1504.
- United Nations General Assembly. *Declaration of Commitment on HIV/AIDS*. Twenty-sixth special session; August 2, 2001. Available at: <http://www.un.org/ga/aids/docs/ares262.pdf>. Accessed November 30, 2009.
- Parker R, Aggleton P. HIV and AIDS-related stigma and discrimination: a conceptual framework and implications for action. *Soc Sci Med*. 2003;57(1):13–24.
- Reducing HIV Stigma and Discrimination: A Critical Part of National AIDS Programmes*. Geneva, Switzerland: Joint United Nations Programme on HIV/AIDS; 2007.
- Bayer R. Stigma and the ethics of public health: not can we but should we. *Soc Sci Med*. 2008;67(3):463–472.
- MacLean L, Edwards N, Garrad M, Sims-Jones N, Clinton K, Ashley L. Obesity, stigma, and public health planning. *Health Promot Int*. 2009;24(1):88–93.
- Adler NE, Stewart J. Reducing obesity: motivating action while not blaming the victim. *Milbank Q*. 2009;87(1):49–70.
- Cahnman WJ. The stigma of obesity. *Sociol Q*. 1968;9:283–299.
- Weiner B, Perry RP, Magnusson J. An attributional analysis of reactions to stigmas. *J Pers Soc Psychol*. 1988;55(5):738–748.
- Kim S-H, Willis LA. Talking about obesity: news framing of who is responsible for causing and fixing the problem. *J Health Commun*. 2007;12(4):359–376.
- Lawrence RG. Framing obesity: the evolution of news discourse on a public health issue. *Int J Press Politics*. 2004;9(3):56–75.
- Rich E, Evans J. 'Fat ethics'—the obesity discourse and body politics. *Soc Theory Health*. 2005;3(4):341–358.
- Crandall CS, Biernat M. The ideology of anti-fat attitudes. *J Appl Soc Psychol*. 1990;20:227–243.
- Balko R. Are you responsible for your own weight? Absolutely, government has no business interfering with what you eat. *Time*. June 7, 2004. Available at: http://www.time.com/time/subscription/covers/1101040607/article/are_you_responsible_for01a.html. Accessed November 30, 2009.
- DeJong W. Obesity as a characterological stigma: the issue of responsibility and judgments of task performance. *Psychol Rep*. 1993;73(3 Pt 1):963–970.
- Musher-Eizenman DR, Holub SC, Miller AB, Goldstein SE, Edwards-Leeper L. Body size stigmatization in preschool children: the role of control attributions. *J Pediatr Psychol*. 2004;29(8):613–620.
- Bell SK, Morgan SN. Children's attitudes and behavioral intentions toward a peer presented as obese: does a medical explanation for the obesity make a difference? *J Pediatr Psychol*. 2000;25(3):137–145.
- Crandall CS. Prejudice against fat people: ideology and self-interest. *J Pers Soc Psychol*. 1994;66(5):882–894.
- Crandall CS, Moriarty D. Physical illness stigma and social rejection. *Br J Soc Psychol*. 1995;34(Pt 1):67–83.
- Puhl RM, Schwartz MB, Brownell KD. Impact of perceived consensus on stereotypes about obese people: a new approach for reducing bias. *Health Psychol*. 2005;24(5):517–525.
- Bonfiglioli CM, Smith BJ, King LA, Chapman SF, Holding SJ. Choice and voice: obesity debates in television news. *Med J Aust*. 2007;187(8):442–445.
- Boero N. All the news that's fat to print: the American "obesity epidemic" and the media. *Qual Sociol*. 2007;30:41–60.
- Himes SM, Thompson JK. Fat stigmatization in television shows and movies: a content analysis. *Obesity (Silver Spring)*. 2007;15(3):712–718.
- Greenberg BS, Eastin M, Hofshire L, Lachlan K, Brownell KD. The portrayal of overweight and obese persons in commercial television. *Am J Public Health*. 2003;93(8):1342–1348.
- Geier AB, Schwartz MB, Brownell KD. "Before and after" diet advertisements escalate weight stigma. *Eat Weight Disord*. 2003;8(4):282–288.
- Puhl RM, Schwartz MB. If you are good you can have a cookie: how memories of childhood food rules link to adult eating behaviors. *Eat Behav*. 2003;4(3):283–293.
- Crandall CS, Schiffhauer KL. Anti-fat prejudice: beliefs, values, and American culture. *Obes Res*. 1998;6(6):458–460.
- Crandall CS, D'Anello S, Sakalli N, Lazarus E, Nejardt GW, Feather NT. An attribution-value model of prejudice: anti-fat attitudes in six nations. *Pers Soc Psychol Bull*. 2001;27(1):30–37.
- Perusse L, Bouchard C. Gene-diet interactions in obesity. *Am J Clin Nutr*. 2000;72(5 suppl):1285S–1290S.
- Frayling TM, Timpson NJ, Weedon MN, Zeggini E, Freathy RM, Lindgren CM. A common variant in the FTO gene is associated with body mass index and predisposes to childhood and adult obesity. *Science*. 2007;316(5826):889–894.
- Lee YS. The role of genes in the current obesity epidemic. *Ann Acad Med Singapore*. 2009;38(1):45–47.
- Finkelstein EA, Ruhm CJ, Kosa KM. Economic causes and consequences of obesity. *Annu Rev Public Health*. 2005;26:239–257.
- Dannenberg AL, Jackson RJ, Frumkin H, et al. The impact of community design and land-use choices on public health: a scientific research agenda. *Am J Public Health*. 2003;93(9):1500–1508.
- Booth KM, Pinkston MM, Poston WS. Obesity and the built environment. *J Am Diet Assoc*. 2005;105(5 suppl 1):S110–S117.
- Andreyeva T, Blumenthal DM, Schwartz MB, Long MW, Brownell KD. Availability and prices of foods across stores and neighborhoods: the case of New Haven, Connecticut. *Health Aff (Millwood)*. 2008;27(5):1381–1388.
- Salisbury JF, Saelens BE, Frank LD, et al. Neighborhood built environment and income: examining multiple health outcomes. *Soc Sci Med*. 2009;68(7):1285–1293.
- Li F, Harmer P, Cardinal BJ, et al. Built environment and 1-year change in weight and waist circumference in middle-aged older adults: Portland Neighborhood

Environment and Health Study. *Am J Epidemiol.* 2009; 169(4):401–408.

57. Nielsen SJ, Popkin BM. Patterns and trends in food portion sizes, 1977–1998. *JAMA.* 2003;289(4):450–453.

58. Brownell KD, Horgen KB. *Food Fight: The Inside Story of the Food Industry, America's Obesity Crisis, and What We Can Do About It.* New York, NY: McGraw-Hill; 2004.

59. Brownell KD, Warner KE. The perils of ignoring history: Big Tobacco played dirty and millions died. How similar is Big Food? *Milbank Q.* 2009;87(1):259–294.

60. Harris JL, Pomeranz JL, Lobstein T, Brownell KD. A crisis in the marketplace: how food marketing contributes to childhood obesity and what can be done. *Ann Rev Public Health.* 2009;30:211–225.

61. Schwartz MB, Vartanian LR, Wharton CM, Brownell KD. Examining the nutritional quality of breakfast cereals marketed to children. *J Am Diet Assoc.* 2008;108(4):702–705.

62. Cohen DA. Obesity and the built environment: changes in environmental cues cause energy imbalances. *Int J Obes (Lond).* 2008;32(suppl 7):S137–S142.

63. Schwartz MB, Brownell KD. Actions necessary to prevent childhood obesity: creating the climate for change. *J Law Med Ethics.* 2007;35(1):78–89.

64. Sallis JF, Glanz K. Physical activity and food environments: solutions to the obesity epidemic. *Milbank Q.* 2009;87(1):123–154.

65. Wadden TA, Brownell KD, Foster GD. Obesity: responding to the global epidemic. *J Consult Clin Psychol.* 2002;70(3):510–525.

66. Franz MJ, VanWormer JJ, Crain AL, et al. Weight-loss outcomes: a systematic review and meta-analysis of weight-loss clinical trials with a minimum 1-year follow-up. *J Am Diet Assoc.* 2007;107(10):1755–1767.

67. Dansinger ML, Tatsioni A, Wong JB, Chung M, Balk EM. Meta-analysis: the effect of dietary counseling for weight loss. *Ann Intern Med.* 2007;147(1):41–50.

68. Wadden TA, Butryn ML, Wilson C. Lifestyle modification for the management of obesity. *Gastroenterology.* 2007;132(6):2226–2238.

69. Powell LH, Calvin JE 3rd, Calvin JE Jr. Effective obesity treatments. *Am Psychol.* 2007;62(3):234–246.

70. Mann T, Tomiyama AJ, Westling E, Lew A-M, Samuels B, Chatman J. Medicare's search for effective obesity treatments. *Am Psychol.* 2007;62(3):220–233.

71. Tsai AG, Wadden TA. Systematic review: an evaluation of major commercial weight loss programs in the United States. *Ann Intern Med.* 2005;142(1):56–66.

72. Waseem T, Mogensen KM, Lautz DB, Robinson MK. Pathophysiology of obesity. *Obes Surg.* 2007;17(10):1389–1398.

73. Orzano AJ, Scott JG. Diagnosis and treatment of obesity in adults: an applied evidence-based review. *J Am Board Fam Pract.* 2004;17(5):359–369.

74. Anderson JW, Konz EC, Frederick RC, Wood CL. Long-term weight-loss maintenance: a meta-analysis of US studies. *Am J Clin Nutr.* 2001;74(5):579–584.

75. Wadden TA, Butryn ML, Byrne KJ. Efficacy of lifestyle modification for long-term weight control. *Obes Res.* 2004;12(suppl):151S–162S.

76. Wadden TA, Sternberg JA, Letizia KA, Stunkard AJ, Foster GD. Treatment of obesity by very-low-calorie diet, behavior therapy, and their combination: a five-year perspective. *Int J Obes.* 1989;13(suppl 2):39–46.

77. Svetkey LP, Stevens VJ, Brantley PJ, et al. Comparison of strategies for sustaining weight loss: the weight loss maintenance randomized controlled trial. *JAMA.* 2008;299(10):1139–1148.

78. Wing RR, Phelan S. Long-term weight loss maintenance. *Am J Clin Nutr.* 2005;82(1 suppl):222S–225S.

79. Wildman RP, Muntner P, Reynolds K, et al. The obese without cardiometabolic risk factor clustering and the normal weight with cardiometabolic risk factor clustering: prevalence and correlates of 2 phenotypes among the US population (NHANES 1999–2004). *Arch Intern Med.* 2008;168(15):1617–1624.

80. Karelis AD, St-Pierre DH, Conus F, Rabasa-Lhoret R, Poelhman ET. Metabolic and body composition factors in subgroups of obesity: what do we know? *J Clin Endocrinol Metab.* 2004;89(6):2569–2575.

81. Ruderman N, Chisholm D, Pi-Sunyer X, Schneider S. The metabolically obese, normal weight individual revisited. *Diabetes.* 1998;47(5):699–713.

82. Burris S. Stigma ethics, and policy: a commentary on Bayer's "Stigma and the ethics of public health: not can we but should we." *Soc Sci Med.* 2008;67(3):473–475, discussion 476–477.

83. Stuber J, Meyer I, Link B. Stigma, prejudice, discrimination and health. *Soc Sci Med.* 2008;67(3):351–357.

84. Latner JD, Stunkard AJ. Getting worse: the stigmatization of obese children. *Obes Res.* 2003;11(3):452–456.

85. National Center for Health Statistics. Prevalence of overweight and obesity among adults: United States, 2003–2004. 2006. Available at: <http://www.cdc.gov/nchs/fastats/overwt.htm>. Accessed November 30, 2009.

86. Neumark-Sztainer D, Falkner N, Story M, Perry C, Hannan PJ, Mulert S. Weight-teasing among adolescents: correlations with weight status and disordered eating behaviors. *Int J Obes.* 2002;26(1):123–131.

87. Libbey HP, Story MT, Neumark-Sztainer DR, Boutrille KN. Teasing, disordered eating behaviors, and psychological morbidities among overweight adolescents. *Obesity (Silver Spring).* 2008;16(suppl 2):S24–S29.

88. Haines J, Neumark-Sztainer D, Eisenberg ME, Hannan PJ. Weight teasing and disordered eating behaviors in adolescents: longitudinal findings from Project EAT (Eating Among Teens). *Pediatrics.* 2006;117(2):209e–215e.

89. Kaltiala-Heino R, Rissanen A, Rimpela M, Rantanen P. Bulimia and bulimic behavior in middle adolescence: more common than thought? *Acta Psychiatr Scand.* 1999;100(1):33–39.

90. Jackson TD, Grilo CM, Masheb RM. Teasing history, onset of obesity, current eating disorder psychopathology, body dissatisfaction, and psychological functioning in binge eating disorder. *Obes Res.* 2000;8(6):451–458.

91. Striegel-Moore RH, Dohm FA, Pike KM, Wilfley DE, Fairburn CG. Abuse, bullying, and discrimination as risk factors for binge eating disorder. *Am J Psychiatry.* 2002;159(11):1902–1907.

92. Fairburn CG, Welch SL, Doll HA, Davies BA, O'Connor ME. Risk factors for bulimia nervosa. A community-based case-control study. *Arch Gen Psychiatry.* 1997;54(6):509–517.

93. Storch EA, Milsom VA, DeBraganza N, Lewin AB, Geffken GR, Silverstein JH. Peer victimization, psycho-social adjustment, and physical activity in overweight and at-risk-for-overweight youth. *J Pediatr Psychol.* 2007;32(1):80–89.

94. Faith MS, Leone MA, Ayers TS, Heo M, Pietrobelli A. Weight criticism during physical activity, coping skills, and reported physical activity in children. *Pediatrics.* 2002;110(2 pt 1):e23.

95. Bauer KW, Yang YW, Austin SB. "How can we stay healthy when you're throwing all this in front of us?" Findings from focus groups and interviews in middle schools on environmental influences on nutrition and physical activity. *Health Educ Behav.* 2004;31(1):34–36.

96. Annis NM, Cash TF, Hrabosky JI. Body image and psychosocial differences among stable average weight, currently overweight, and formerly overweight women: the role of stigmatizing experiences. *Body Image.* 2004;1(2):155–167.

97. Ashmore JA, Friedman KE, Reichmann SK, Musante GJ. Weight-based stigmatization, psychological distress, and binge eating behavior among obese treatment-seeking adults. *Eat Behav.* 2008;9(2):203–209.

98. Womble LG, Williamson DA, Martin CK, et al. Psychosocial variables associated with binge eating in obese males and females. *Int J Eat Disord.* 2001;30(2):217–221.

99. Friedman KE, Ashmore JA, Applegate KL. Recent experiences of weight-based stigmatization in a weight loss surgery population: psychological and behavioral correlates. *Obesity (Silver Spring).* 2008;16(suppl 2):S69–S74.

100. Benas JS, Gibb BE. Weight-related teasing, dysfunctional cognitions, and symptoms of depression and eating disturbances. *Cognit Ther Res.* 2008;32(2):143–160.

101. Mora-Giral M, Raich-Escursell RM, Segues CV, Torras-Claraso J, Huon G. Bulimia symptoms and risk factors in university students. *Eat Weight Disord.* 2004;9(3):163–169.

102. Puhl RM, Brownell KD. Confronting and coping with weight stigma: an investigation of overweight and obese adults. *Obesity (Silver Spring).* 2006;14(10):1802–1815.

103. Puhl RM, Moss-Racusin CA, Schwartz MB. Internalization of weight bias: implications for binge eating and emotional well-being. *Obesity (Silver Spring).* 2007;15(1):19–23.

104. Vartanian LR, Shaprow JG. Effects of weight stigma on exercise motivation and behavior: a preliminary investigation among college-aged females. *J Health Psychol.* 2008;13(1):131–138.

105. Carels RA, Young KM, Wott CB, et al. Weight bias and weight loss treatment outcomes in treatment-seeking adults. *Ann Behav Med.* 2009;37(3):350–355.

106. Latner JD, Wilson GT, Jackson ML, Stunkard AJ. Greater history of weight-related stigmatizing experience is associated with greater weight loss in obesity treatment. *J Health Psychol.* 2009;24(2):190–199.

107. Lillis J, Hayes SC, Bunting K, Masuda A. Teaching acceptance and mindfulness to improve the lives of the obese: a preliminary test of a theoretical model. *Ann Behav Med.* 2009;37(1):58–69.

108. Friedman KE, Reichmann SK, Costanzo PR, Zelli A, Ashmore JA, Musante GJ. Weight stigmatization and

ideological beliefs: relation to psychological functioning in obese adults. *Obes Res.* 2005;13(5):907–916.

109. Chen EY. Depressed mood in class III obesity predicted by weight-related stigma. *Obes Surg.* 2007;17(5):669–671.

110. Rosenberger PH, Henderson KE, Bell RL, Grilo CM. Associations of weight-based teasing history and current eating disorder features and psychological functioning in bariatric surgery patients. *Obes Surg.* 2007;17(4):470–477.

111. Myers A, Rosen JC. Obesity stigmatization and coping: relation to mental health symptoms, body image, and self-esteem. *Int J Obes Relat Metab Disord.* 1999;23(3):221–230.

112. Carr D, Friedman MA. Is obesity stigmatizing? Body weight, perceived discrimination, and psychological well-being in the United States. *J Health Soc Behav.* 2005;46(3):244–259.

113. Rosenberger PH, Henderson KE, Grilo CM. Correlates of body image dissatisfaction in extremely obese female bariatric surgery candidates. *Obes Surg.* 2006;16(10):1331–1336.

114. Matz PE, Foster GD, Faith MS, Wadden TA. Correlates of body image dissatisfaction among overweight women seeking weight loss. *J Consult Clin Psychol.* 2002;70(4):1040–1044.

115. Wardle J, Waller J, Fox E. Age of onset and body dissatisfaction in obesity. *Addict Behav.* 2002;27(4):561–573.

116. Hatzenbuehler ML, Keyes KM, Hasin DS. Associations between perceived weight discrimination and the prevalence of psychiatric disorders in the general population. *Obesity.* 2009;17(11):2033–2039.

117. Muenning P. The body politic: the relationship between stigma and obesity-associated disease. *BMC Public Health.* 2008;8:128–138.

118. Gee GC, Ro A, Gavin A, Takeuchi DT. Disentangling the effects of racial and weight discrimination on body mass index and obesity among Asian Americans. *Am J Public Health.* 2008;98(3):493–500.

119. De Vogli R, Ferrie JE, Chandola T, Kivimaki M, Marmot MG. Unfairness and health: evidence from the Whitehall II study. *J Epidemiol Community Health.* 2007;61(6):513–518.

120. Taylor TR, Williams CD, Makambi KH, et al. Racial discrimination and breast cancer incidence in U.S. black women. *Am J Epidemiol.* 2007;166(1):46–54.

121. Lewis TT, Everson-Rose SA, Powell LH, et al. Chronic exposure to everyday discrimination and coronary artery calcification in African-American women: the SWAN heart study. *Psychosom Med.* 2006;68(3):362–368.

122. Merritt MM, Bennett GG, Williams RB, Edwards CL, Sollers JJ. Perceived racism and cardiovascular reactivity and recovery to personally relevant stress. *Health Psychol.* 2006;25(3):364–369.

123. Din-Dzietham R, Nembhard WN, Collins R, Davis SK. Perceived stress following race-based discrimination at work is associated with hypertension in African Americans. The metro Atlanta heart disease study, 1999–2001. *Soc Sci Med.* 2004;58(3):449–461.

124. Clark R. Perceived racism and vascular reactivity in black college women: moderating effects of seeking social support. *Health Psychol.* 2006;25(1):20–25.

125. Borrell LN, Jacobs DR, Williams DR, Pletcher MJ, Houston TK, Kiefe CI. Self-reported racial discrimination and substance use in the coronary artery risk development in adults study. *Am J Epidemiol.* 2007;166(9):1068–1079.

126. Gee GC. A multilevel analysis of the relationship between institutional and individual racial discrimination and health status. *Am J Public Health.* 2002;92(4):615–623.

127. Gee GC, Spencer MS, Chen J, Takeuchi DT. A nationwide study of discrimination and chronic health conditions among Asian Americans. *Am J Public Health.* 2007;97(7):1275–1282.

128. Tull ES, Sheu YT, Butler C, Cornelius K. Relationships between perceived stress, coping behavior and cortisol secretion in women with high and low levels of internalized racism. *J Natl Med Assoc.* 2005;97(2):206–212.

129. Hunte HE, Williams DR. The association between perceived discrimination and obesity in a population-based multiracial and multiethnic adult sample. *Am J Public Health.* 2009;99(7):1285–1292.

130. Link BG, Phelan JC. Stigma and its public health implications. *Lancet.* 2006;367(9509):528–529.

131. Hebl MR, Xu J. Weighing the care: physicians' reactions to the size of a patient. *Int J Obes Relat Metab Disord.* 2001;25(8):1246–1252.

132. Bertakis KD, Azari R. The impact of obesity on primary care visits. *Obes Res.* 2005;13(9):1615–1622.

133. Anderson DA, Wadden TA. Bariatric surgery patients' views of their physicians; weight-related attitudes and practices. *Obes Res.* 2004;12(10):1587–1595.

134. Brown I, Thompson J, Tod A, Jones G. Primary care support for tackling obesity: a qualitative study of the perceptions of obese patients. *Br J Gen Pract.* 2006;56(530):666–672.

135. Amy NK, Aalborg A, Lyons P, Keranen L. Barriers to routine gynecological cancer screening for White and African-American obese women. *Int J Obes (Lond).* 2006;30(1):147–155.

136. Ferrante JM, Ohman-Strickland P, Hudson SV, Hahn KA, Scott JG, Crabtree BF. Colorectal cancer screening among obese versus non-obese patients in primary care practices. *Cancer Detect Prev.* 2006;30(5):459–465.

137. Ostbye T, Taylor DH Jr, Yancy WS Jr, Krause KM. Associations between obesity and receipt of screening mammography, Papanicolaou tests, and influenza vaccination: results from the Health and Retirement Study (HRS) and the Asset and Health Dynamics Among the Oldest Old (AHEAD) Study. *Am J Public Health.* 2005;95(9):1623–1630.

138. Wee CC, McCarthy EP, Davis RB, Phillips RS. Screening for cervical and breast cancer: is obesity an unrecognized barrier to preventive care? *Ann Intern Med.* 2000;132(9):697–704.

139. Mitchell RS, Padwal RS, Chuck AW, Klarenbach SW. Cancer screening among the overweight and obese in Canada. *Am J Prev Med.* 2008;35(2):127–132.

140. Wee CC, Phillips RS, McCarthy EP. BMI and cervical cancer screening among White, African American, and Hispanic women in the United States. *Obes Res.* 2005;13(7):1275–1280.

141. US Department of Health and Human Services, The Advertising Council. *Healthy Lifestyles and Disease Prevention Media Campaign: Take a Small Step to Get Healthy* [white paper]. 2004. Available at: http://www.smallstep.gov/pdf/obesity_whitepaperfinal_71205.pdf. Accessed November 30, 2009.

142. Stein K. Obesity PSAs: are they working as a public service? *J Am Diet Assoc.* 2008;108(1):25–28.

143. Downey M. Expression of bias against obesity in public policy and its remedies. In: Brownell KD, Puhl RM, Schwartz MB, Rudd L, eds. *Weight Bias: Nature, Consequences, and Remedies*. New York, NY: The Guilford Press; 2005.

144. National Institutes of Health. Estimates of funding for various diseases, conditions, research areas. 2008. Available at: <http://www.nih.gov/news/fundingresearchareas.htm>. Accessed February 22, 2008.

145. 151 Cong Rec H8927 (2005) (statement of Rep Chabot)

146. Zhang Q, Wang Y. Socioeconomic inequality of obesity in the United States: do gender, age, and ethnicity matter? *Soc Sci Med.* 2004;58(6):1171–1180.

147. Institute of Medicine. *Preventing Childhood Obesity*. Washington, DC: The National Academies Press; 2005.

148. Berg F, Buechner J, Parham E. Weight Realities Division of the Society for Nutrition Education. Guidelines for childhood obesity prevention programs: promoting healthy weight in children. *J Nutr Educ Behav.* 2003;35(1):1–4.

149. Ogden CL, Carroll MD, Curtin LR, McDowell MA, Tabak CJ, Flegal KM. Prevalence of overweight and obesity in the United States, 1999–2004. *JAMA.* 2006;295(13):1549–1555.

This article has been cited by:

1. Yongjoo Kim, S. Bryn Austin, S V Subramanian, Ichiro Kawachi. 2018. The Cardiometabolic Burden of Self-Perceived Obesity: A Multilevel Analysis of a Nationally Representative Sample of Korean Adults. *Scientific Reports* 8:1. . [\[Crossref\]](#)
2. Elizabeth H. Evans, Kirby Sainsbury, Dominika Kwasnicka, Alex Bolster, Vera Araujo-Soares, Falko F. Sniehotta. 2018. Support needs of patients with obesity in primary care: a practice-list survey. *BMC Family Practice* 19:1. . [\[Crossref\]](#)
3. Craig Donnachie, Sally Wyke, Kate Hunt. 2018. Men's reactions to receiving objective feedback on their weight, BMI and other health risk indicators. *BMC Public Health* 18:1. . [\[Crossref\]](#)
4. Ansgar Thiel, Hendrik K. Thedinga, Harald Barkhoff, Katrin Giel, Olesia Schweizer, Syra Thiel, Stephan Zipfel. 2018. Why are some groups physically active and others not? A contrast group analysis in leisure settings. *BMC Public Health* 18:1. . [\[Crossref\]](#)
5. SeungYong Han, Gina Agostini, Alexandra A. Brewis, Amber Wutich. 2018. Avoiding exercise mediates the effects of internalized and experienced weight stigma on physical activity in the years following bariatric surgery. *BMC Obesity* 5:1. . [\[Crossref\]](#)
6. Joanna E. Dudek, Wojciech Białaszek, Paweł Ostaszewski, Tilly Smidt. 2018. Depression and appearance-related distress in functioning with lipedema. *Psychology, Health & Medicine* 23:7, 846-853. [\[Crossref\]](#)
7. Jasmine M. DeJesus, Susan A. Gelman, Gail B. Viechnicki, Danielle P. Appugliese, Alison L. Miller, Katherine L. Rosenblum, Julie C. Lumeng. 2018. An investigation of maternal food intake and maternal food talk as predictors of child food intake. *Appetite* 127, 356-363. [\[Crossref\]](#)
8. L. P. Johnson, F. M. Asigbee, R. Crowell, A. Negrini. 2018. Pre-surgical, surgical and post-surgical experiences of weight loss surgery patients: a closer look at social determinants of health. *Clinical Obesity* 8:4, 265-274. [\[Crossref\]](#)
9. Kate Bloom, Jaime Adler, Christy Bridges, Julia Bernstein, Christine Rini, Adam O. Goldstein, Carol Ripley-Moffitt. 2018. Examining Patient Perspectives on Weight Management Support in the Primary Care Setting. *The Journal of Primary Prevention* 24. . [\[Crossref\]](#)
10. R C H Brown, H Maslen, J Savulescu. 2018. Responsibility, prudence and health promotion. *Journal of Public Health* 23. . [\[Crossref\]](#)
11. Erin A. Vogel, Jason P. Rose, Chantal Crane. 2018. "Transformation Tuesday": Temporal context and post valence influence the provision of social support on social media. *The Journal of Social Psychology* 158:4, 446-459. [\[Crossref\]](#)
12. Angela S. Alberga, Lindsay McLaren, Shelly Russell-Mayhew, Kristin M. von Ranson. 2018. Canadian Senate Report on Obesity: Focusing on Individual Behaviours versus Social Determinants of Health May Promote Weight Stigma. *Journal of Obesity* 2018, 1-7. [\[Crossref\]](#)
13. Pamela Qualter, Ruth Hurley, Alice Eccles, Janice Abbott, Michel Boivin, Richard Tremblay. 2018. Reciprocal Prospective Relationships Between Loneliness and Weight Status in Late Childhood and Early Adolescence. *Journal of Youth and Adolescence* 47:7, 1385-1397. [\[Crossref\]](#)
14. Erin C. Standen, Celina R. Furman, Traci Mann. 2018. Teaching the Self-Regulation of Eating. *Teaching of Psychology* 45:3, 284-290. [\[Crossref\]](#)
15. Yongjoo Kim, S. Bryn Austin, S. V. Subramanian, Ichiro Kawachi. 2018. Body weight perception, disordered weight control behaviors, and depressive symptoms among Korean adults: The Korea National Health and Nutrition Examination Survey 2014. *PLOS ONE* 13:6, e0198841. [\[Crossref\]](#)
16. Nelson Nardo Junior, Josiane Aparecida Alves Bianchini, Danilo Fernandes da Silva, Zachary M. Ferraro, Carlos Andres Lopera, Vanessa Drieli Seron Antonini. 2018. Building a response criterion for pediatric multidisciplinary obesity intervention success based on combined benefits. *European Journal of Pediatrics* 177:6, 1-12. [\[Crossref\]](#)
17. D. Gibbes Miller. 2018. Considering Weight Loss Programs and Public Health Partnerships in American Evangelical Protestant Churches. *Journal of Religion and Health* 57:3, 901-914. [\[Crossref\]](#)
18. Arya M. Sharma, Ximena Ramos Salas. 2018. Obesity Prevention and Management Strategies in Canada: Shifting Paradigms and Putting People First. *Current Obesity Reports* 7:2, 89-96. [\[Crossref\]](#)
19. Elin L. Lantz, Monika E. Gaspar, Rebecca DiTore, Amani D. Piers, Katherine Schaumberg. 2018. Conceptualizing body dissatisfaction in eating disorders within a self-discrepancy framework: a review of evidence. *Eating and Weight Disorders - Studies on Anorexia, Bulimia and Obesity* 23:3, 275-291. [\[Crossref\]](#)

20. Cassie A. Eno, Thomas P. Guck, Taraneh Soleymani, Karen M. Ashe, Linda C. Churchill, Sybil L. Crawford, Christine F. Frisard, Rashelle B. Hayes, Leslee Martin, Katherine L. Margo, Lori Pbert, Jyothi A. Pendharkar, Monica Ann Shaw, Judith K. Ockene. 2018. Medical Student Weight Bias: the Relationship of Attitudinal Constructs Related to Weight Management Counseling. *Medical Science Educator* **28**:2, 327-333. [\[Crossref\]](#)

21. Julie A. Varns, Anne F. Fish, J. Christopher Eagon. 2018. Conceptualization of body image in the bariatric surgery patient. *Applied Nursing Research* **41**, 52-58. [\[Crossref\]](#)

22. Angelina R. Sutin, Antonio Terracciano. 2018. Mother and child personality traits associated with common feeding strategies and child body mass index. *Appetite* **125**, 295-301. [\[Crossref\]](#)

23. Janet Hunter, Karen Rawlings-Anderson, Tracy Lindsay, Tracey Bowden, Leanne M. Aitken. 2018. Exploring student nurses' attitudes towards those who are obese and whether these attitudes change following a simulated activity. *Nurse Education Today* **65**, 225-231. [\[Crossref\]](#)

24. Dae-Hwan Kim. 2018. Association Between Subjective Obesity Status and Smoking Behavior Among Normal-Weight Women. *Health Education & Behavior* **45**:3, 394-400. [\[Crossref\]](#)

25. P. E. Jenkins, J. Lebow, R. D. Rienecke. 2018. Weight suppression as a predictor variable in the treatment of eating disorders: A systematic review. *Journal of Psychiatric and Mental Health Nursing* **4**. [\[Crossref\]](#)

26. Ángel Megías, David González-Cutre, Vicente J. Beltrán-Carrillo, José M. Gomis-Díaz, Eduardo Cervelló, Kimberley J. Bartholomew. 2018. The impact of living with morbid obesity on psychological need frustration: A study with bariatric patients. *Stress and Health* **29**8. [\[Crossref\]](#)

27. Dalal Alkazemi, Tasleem A. Zafar, Mariam Ebrahim, Stan Kubow. 2018. Distorted weight perception correlates with disordered eating attitudes in Kuwaiti college women. *International Journal of Eating Disorders* **51**:5, 449-458. [\[Crossref\]](#)

28. Virginia Quick, Jennifer Martin-Biggers, Gayle Alleman Povis, John Worobey, Nobuko Hongu, Carol Byrd-Bredbenner. 2018. Long-term follow-up effects of the HomeStyles randomized controlled trial in families with preschool children on social cognitive theory constructs associated with physical activity cognitions and behaviors. *Contemporary Clinical Trials* **68**, 79-89. [\[Crossref\]](#)

29. T.E. Murray, S.D. Ma, F. Doyle, M.J. Lee. 2018. Radiology reporting of obesity: a survey of patient and clinician attitudes. *Clinical Radiology* **73**:5, 506.e9-506.e15. [\[Crossref\]](#)

30. Angélica Almeida Obara, Marle dos Santos Alvarenga. 2018. Adaptação transcultural da Escala de Atitudes Antiobesidade para o português do Brasil. *Ciência & Saúde Coletiva* **23**:5, 1507-1520. [\[Crossref\]](#)

31. Zeshan Ali, Haile Ma, Muhammad Tayyab Rashid, Ishmael Ayim, Asif Wali. 2018. Reduction of body weight, body fat mass, and serum leptin levels by addition of new beverage in normal diet of obese subjects. *Journal of Food Biochemistry* **8**, e12554. [\[Crossref\]](#)

32. E Pestine, A Stokes, L Trinquart. 2018. Representation of obese participants in obesity-related cancer randomized trials. *Annals of Oncology* **3**. [\[Crossref\]](#)

33. Nivedita Som, Papiya Roy, Subha Ray. 2018. Association of socio-demographic and reproductive variables with menopause-specific quality of life using principal component analysis. *Women & Health* **1**. [\[Crossref\]](#)

34. Patricia Cain, Ngaire Donaghue. 2018. Political and health messages are differently palatable: A critical discourse analysis of women's engagement with Health At Every Size and fat acceptance messages. *Fat Studies* **1**-14. [\[Crossref\]](#)

35. Sonya Satveit. 2018. Addressing the unique healthcare needs of women: Opportunity for change exists at the intersection of precision health and learning health systems. *Learning Health Systems* **2**:2, e10033. [\[Crossref\]](#)

36. Johan Brännmark. 2018. On the Epistemic Legitimacy of Government Paternalism. *Public Health Ethics* **11**:1, 27-34. [\[Crossref\]](#)

37. Sinikka Elliott, Sarah Bowen. 2018. Defending Motherhood: Morality, Responsibility, and Double Binds in Feeding Children. *Journal of Marriage and Family* **80**:2, 499-520. [\[Crossref\]](#)

38. Stuart W Flint, Sophie Reale. 2018. Weight stigma in frequent exercisers: Overt, demeaning and condescending. *Journal of Health Psychology* **23**:5, 710-719. [\[Crossref\]](#)

39. Lily O'Hara, Jane Taylor. 2018. What's Wrong With the 'War on Obesity?' A Narrative Review of the Weight-Centered Health Paradigm and Development of the 3C Framework to Build Critical Competency for a Paradigm Shift. *SAGE Open* **8**:2, 215824401877288. [\[Crossref\]](#)

40. Timothy P. Schofield, Peter Butterworth. 2018. Are Negative Community Attitudes Toward Welfare Recipients Associated With Unemployment? Evidence From an Australian Cross-Sectional Sample and Longitudinal Cohort. *Social Psychological and Personality Science* **9**, 194855061771203. [\[Crossref\]](#)

41. Claudia Luck-Sikorski, Georg Schomerus, Thomas Jochum, Steffi G. Riedel-Heller. 2018. Layered stigma? Co-occurring depression and obesity in the public eye. *Journal of Psychosomatic Research* **106**, 29-33. [\[Crossref\]](#)

42. Jaclyn P. Maher, Jimi Huh, Stephen Intille, Donald Hedeker, Genevieve F. Dunton. 2018. Greater variability in daily physical activity is associated with poorer mental health profiles among obese adults. *Mental Health and Physical Activity* **14**, 74-81. [\[Crossref\]](#)

43. Jossiana Robinovich, Ximena Ossa, Bernardita Baeza, Anja Krumeich, Bart van der Borne. 2018. Embodiment of social roles and thinness as a form of capital: A qualitative approach towards understanding female obesity disparities in Chile. *Social Science & Medicine* **201**, 80-86. [\[Crossref\]](#)

44. M Laxy, C Teuner, R Holle, C Kurz. 2018. The association between BMI and health-related quality of life in the US population: sex, age and ethnicity matters. *International Journal of Obesity* **42**:3, 318-326. [\[Crossref\]](#)

45. Mostafa Farajpour. kh, Mohadeseh PishgahRoodsari, Hamid Salehiniya, Fahimeh Soheilipour. 2018. The relationship between body mass index (BMI) and quality of life in Iranian primary school students in Tehran, Iran. *BioMedicine* **8**:1, 3. [\[Crossref\]](#)

46. Anne Barnhill, Tyler Doggett. 2018. Food Ethics II: Consumption and obesity. *Philosophy Compass* **13**:3, e12482. [\[Crossref\]](#)

47. K. L. Gonzales, G. E. Garcia, M. M. Jacob, C. Muller, L. Nelson, S. M. Manson. 2018. Patient-provider relationship and perceived provider weight bias among American Indians and Alaska Natives. *Obesity Science & Practice* **4**:1, 76-84. [\[Crossref\]](#)

48. M. Oldham, E. Robinson. 2018. Visual body size norms and the under-detection of overweight and obesity. *Obesity Science & Practice* **4**:1, 29-40. [\[Crossref\]](#)

49. Michael E. Levin, Sarah Potts, Jack Haeger, Jason Lillis. 2018. Delivering Acceptance and Commitment Therapy for Weight Self-Stigma Through Guided Self-Help: Results From an Open Pilot Trial. *Cognitive and Behavioral Practice* **25**:1, 87-104. [\[Crossref\]](#)

50. Erin Willis, Chad Painter. 2018. The Needle and the Damage Done: Framing the Heroin Epidemic in the Cincinnati Enquirer. *Health Communication* **64**, 1-11. [\[Crossref\]](#)

51. Molly K. Crossman, Alan E. Kazdin, Katharine Galbraith, Luca Eros, Laurie R. Santos. 2018. Evaluating the Influence of the Presence of a Dog on Bias toward Individuals with Overweight and Obesity. *Anthrozoös* **31**:1, 77-88. [\[Crossref\]](#)

52. Danielle Williams. 2018. 'Being defined': large-bodied women's experiences as healthcare consumers. *Health Sociology Review* **27**:1, 60-74. [\[Crossref\]](#)

53. Lauren Ostarello, Morgan Wright, Thomas J. Waltz. 2018. Medical Treatment Adherence 241-255. [\[Crossref\]](#)

54. Laura Mazer, John M. Morton. 2018. The Obesity Epidemic 81-92. [\[Crossref\]](#)

55. David E. Hargroder, Jan Snider Kent, James R. Clopton. 2018. Understanding the Morbidly Obese Patient 105-109. [\[Crossref\]](#)

56. Alexander Röhm, Matthias R. Hastall, Ute Ritterfeld. 2018. Stigmatisierende und destigmatisierende Prozesse in der Gesundheitskommunikation 1-11. [\[Crossref\]](#)

57. Mary J. Christoph, Elizabeth S. Jarrett, Amy L. Gower, Iris W. Borowsky. 2018. Weight Status and Weight Perception in Relation to Mental Distress and Psychosocial Protective Factors Among Adolescents. *Academic Pediatrics* **18**:1, 51-58. [\[Crossref\]](#)

58. Carol Byrd-Bredbenner, Jennifer Martin-Biggers, Gayle Alleman Povis, John Worobey, Nobuko Hongu, Virginia Quick. 2018. Promoting healthy home environments and lifestyles in families with preschool children: HomeStyles, a randomized controlled trial. *Contemporary Clinical Trials* **64**, 139-151. [\[Crossref\]](#)

59. Danae Manika, Diana Gregory-Smith, Savvas Papagiannidis. 2018. The influence of prior knowledge structures on website attitudes and behavioral intentions. *Computers in Human Behavior* **78**, 44-58. [\[Crossref\]](#)

60. Lisa Watson, Tatiana Levit, Anne Lavack. 2018. Obesity and Stigmatization at Work 11-34. [\[Crossref\]](#)

61. Rebecca Lynch. 2018. Slippery Slopes and Trojan Horses: The Construction of as Objects in Debate 179-200. [\[Crossref\]](#)

62. Cristina Ciupitu-Plath, Susanna Wiegand, Birgit Babitsch. 2018. The Weight Bias Internalization Scale for Youth: Validation of a Specific Tool for Assessing Internalized Weight Bias Among Treatment-Seeking German Adolescents With Overweight. *Journal of Pediatric Psychology* **43**:1, 40-51. [\[Crossref\]](#)

63. Gabriele Ciciurkaite, Brea L. Perry. 2018. Body weight, perceived weight stigma and mental health among women at the intersection of race/ethnicity and socioeconomic status: insights from the modified labelling approach. *Sociology of Health & Illness* 40:1, 18-37. [\[Crossref\]](#)

64. Gemma Stevens, Andrew Jahoda, Lynsay Matthews, Catherine Hankey, Craig Melville, Heather Murray, Fiona Mitchell. 2018. A theory-informed qualitative exploration of social and environmental determinants of physical activity and dietary choices in adolescents with intellectual disabilities in their final year of school. *Journal of Applied Research in Intellectual Disabilities* 31, 52-67. [\[Crossref\]](#)

65. Johannes Carl, Hendrik K. Thedinga, Stephan Zipfel, Ansgar Thiel. 2018. Stimulating Weight Stigma in Future Experimental Designs on Physical Activity - Development and Pilot Validation of a Video Instrument. *Obesity Facts* 11:3, 206-220. [\[Crossref\]](#)

66. Justine Seymour, Jennifer L. Barnes, Julie Schumacher, Rachel L. Vollmer. 2018. A Qualitative Exploration of Weight Bias and Quality of Health Care Among Health Care Professionals Using Hypothetical Patient Scenarios. *INQUIRY: The Journal of Health Care Organization, Provision, and Financing* 55, 004695801877417. [\[Crossref\]](#)

67. Jane Ogden. 2017. Do no harm: Balancing the costs and benefits of patient outcomes in health psychology research and practice. *Journal of Health Psychology* 45, 135910531664876. [\[Crossref\]](#)

68. Courtney C Simpson, Brandon J Griffin, Suzanne E Mazzeo. 2017. Psychological and behavioral effects of obesity prevention campaigns. *Journal of Health Psychology* 16, 135910531769391. [\[Crossref\]](#)

69. Jason Lillis, John G Thomas, Michael E Levin, Rena R Wing. 2017. Self-stigma and weight loss: The impact of fear of being stigmatized. *Journal of Health Psychology* 10, 135910531773910. [\[Crossref\]](#)

70. Danielle Burgess, Micheal L Shier. 2017. Food insecurity and social work: A comprehensive literature review. *International Social Work* 137, 002087281667251. [\[Crossref\]](#)

71. Gill A. ten Hoor, Guy Plasqui, Annemie M. W. J. Schols, Gerjo Kok. 2017. Development, Implementation, and Evaluation of an Interdisciplinary Theory- and Evidence-Based Intervention to Prevent Childhood Obesity: Theoretical and Methodological Lessons Learned. *Frontiers in Public Health* 5. . [\[Crossref\]](#)

72. John Alexander Harris, Nicholas George Castle. 2017. Obesity and Nursing Home Care in the United States: A Systematic Review. *The Gerontologist* 146. . [\[Crossref\]](#)

73. Barbara C. N. Müller, Arnoud Oude Groote Beverborg, Sabine Glock. 2017. Pre-service teachers' academic judgments of overweight students. *Social Psychology of Education* 20:4, 897-913. [\[Crossref\]](#)

74. Indu Saxena, Manoj Kumar. 2017. Obesity discrimination in healthcare. *European Journal of Internal Medicine* 46, e29-e30. [\[Crossref\]](#)

75. Mehran Anvari, Rodrigo Lemus, Ruth Breau. 2017. A Landscape of Bariatric Surgery in Canada: For the Treatment of Obesity, Type 2 Diabetes and Other Comorbidities in Adults. *Canadian Journal of Diabetes* . [\[Crossref\]](#)

76. J. L. Browne, A. D. Ventura, K. Moseley, J. Speight. 2017. Measuring Type 1 diabetes stigma: development and validation of the Type 1 Diabetes Stigma Assessment Scale (DSAS-1). *Diabetic Medicine* 34:12, 1773-1782. [\[Crossref\]](#)

77. R. An, H. Yan, X. Shi, Y. Yang. 2017. Childhood obesity and school absenteeism: a systematic review and meta-analysis. *Obesity Reviews* 18:12, 1412-1424. [\[Crossref\]](#)

78. Jessica L. Roberts, Elizabeth Weeks. 2017. Stigmatizing the Unhealthy. *The Journal of Law, Medicine & Ethics* 45:4, 484-491. [\[Crossref\]](#)

79. Liza C. Kurtz, Sarah Trainer, Melissa Beresford, Amber Wutich, Alexandra Brewis. 2017. Blogs as Elusive Ethnographic Texts. *International Journal of Qualitative Methods* 16:1, 160940691770579. [\[Crossref\]](#)

80. C. Luck-Sikorski, S. G. Riedel-Heller, J. C. Phelan. 2017. Changing attitudes towards obesity – results from a survey experiment. *BMC Public Health* 17:1. . [\[Crossref\]](#)

81. Louise Arvidsson, Gabriele Eiben, Monica Hunsberger, Ilse De Bourdeaudhuij, Denes Molnar, Hannah Jilani, Barbara Thumann, Toomas Veidebaum, Paola Russo, Michael Tornatitidis, Alba M. Santiestra-Pasías, Valeria Pala, Lauren Lissner. 2017. Bidirectional associations between psychosocial well-being and adherence to healthy dietary guidelines in European children: prospective findings from the IDEFICS study. *BMC Public Health* 17:1. . [\[Crossref\]](#)

82. Bich N. Dang, Robert A. Westbrook, Sarah M. Njue, Thomas P. Giordano. 2017. Building trust and rapport early in the new doctor-patient relationship: a longitudinal qualitative study. *BMC Medical Education* 17:1. . [\[Crossref\]](#)

83. Tina Peckmezian, Phillipa Hay. 2017. A systematic review and narrative synthesis of interventions for uncomplicated obesity: weight loss, well-being and impact on eating disorders. *Journal of Eating Disorders* 5:1. . [\[Crossref\]](#)

84. Damien Brevers, Anne Rogiers, Alexis Defontaine, Guy Cheron, Anne-Marie Clarinval, Jennifer Foucart, Anne Bouchez, Véronique Bolly, Laura Tsartsafloudakis, Pénélope Jottrand, Pierre Minner, Antoine Bechara, Charles Kornreich, Paul Verbanck. 2017. Implementation Intention for Initiating Intuitive Eating and Active Embodiment in Obese Patients Using a Smartphone Application. *Frontiers in Psychiatry* 8. . [Crossref]

85. S Vallgårda, M E J Nielsen, A K K Hansen, K Ó Cathaoir, M Hartlev, L Holm, B J Christensen, J D Jensen, T I A Sørensen, P Sandøe. 2017. Should Europe follow the US and declare obesity a disease?: a discussion of the so-called utilitarian argument. *European Journal of Clinical Nutrition* 71:11, 1263-1267. [Crossref]

86. X. Ramos Salas, A. S. Alberga, E. Cameron, L. Estey, M. Forhan, S. F. L. Kirk, S. Russell-Mayhew, A. M. Sharma. 2017. Addressing weight bias and discrimination: moving beyond raising awareness to creating change. *Obesity Reviews* 18:11, 1323-1335. [Crossref]

87. Deborah Reas. 2017. Public and Healthcare Professionals' Knowledge and Attitudes toward Binge Eating Disorder: A Narrative Review. *Nutrients* 9:11, 1267. [Crossref]

88. Michael D. Oliver, Subimal Datta, Debora R. Baldwin. 2017. A sympathetic nervous system evaluation of obesity stigma. *PLOS ONE* 12:10, e0185703. [Crossref]

89. Guzin M. Sevincer, Aysenur Kaya, Suleyman Bozkurt, Ercan Akin, Samet Kose. 2017. Reliability, validity, and factorial structure of the Turkish version of the Weight Self-Stigma Questionnaire (Turkish WSSQ). *Psychiatry and Clinical Psychopharmacology* 27:4, 386-392. [Crossref]

90. Kosuke Tamura, Brian Elbel, Basile Chaix, Seann D. Regan, Yazan A. Al-Ajlouni, Jessica K. Athens, Julie Meline, Dustin T. Duncan. 2017. Residential and GPS-Defined Activity Space Neighborhood Noise Complaints, Body Mass Index and Blood Pressure Among Low-Income Housing Residents in New York City. *Journal of Community Health* 42:5, 974-982. [Crossref]

91. Mary S. Himmelstein, Rebecca M. Puhl, Diane M. Quinn. 2017. Intersectionality: An Understudied Framework for Addressing Weight Stigma. *American Journal of Preventive Medicine* 53:4, 421-431. [Crossref]

92. E. Robinson. 2017. Overweight but unseen: a review of the underestimation of weight status and a visual normalization theory. *Obesity Reviews* 18:10, 1200-1209. [Crossref]

93. Meera Gajre, Alastair McClelland, Adrian Furnham. 2017. Allocating a scarce mental health treatment to the underweight and overweight. *Journal of Mental Health* 117, 1-6. [Crossref]

94. Gro Rugseth, Gunn Helene Engelsrud. 2017. Staging fatness. *Fat Studies* 6:3, 281-293. [Crossref]

95. Lesley Jo Weaver, Sarah Trainer. 2017. Shame, Blame, and Status Incongruity: Health and Stigma in Rural Brazil and the Urban United Arab Emirates. *Culture, Medicine, and Psychiatry* 41:3, 319-340. [Crossref]

96. Vivien Swanson, Alice Keely, Fiona C. Denison. 2017. Does body image influence the relationship between body weight and breastfeeding maintenance in new mothers?. *British Journal of Health Psychology* 22:3, 557-576. [Crossref]

97. Alexander Prescott-Couch. 2017. Explanation and Manipulation 1. *Noûs* 51:3, 484-520. [Crossref]

98. Jin-Won Noh, Jinseok Kim, Youngmi Yang, Jumin Park, Jooyoung Cheon, Young Dae Kwon. 2017. Body mass index and self-rated health in East Asian countries: Comparison among South Korea, China, Japan, and Taiwan. *PLOS ONE* 12:8, e0183881. [Crossref]

99. Michelle Marie Johns, Richard Lowry, Zewditu Demissie, Leah Robin. 2017. Harassment and Mental Distress Among Adolescent Female Students by Sexual Identity and BMI or Perceived Weight Status. *Obesity* 25:8, 1421-1427. [Crossref]

100. Laura Acuña, Diana Alejandra González-García. 2017. Asignación de etiquetas de talla a terceros en función de las características sociodemográficas del observador. *Acta de Investigación Psicológica* 7:2, 2667-2678. [Crossref]

101. Lara Palmeira, José Pinto-Gouveia, Marina Cunha, Sérgio Carvalho. 2017. Finding the link between internalized weight-stigma and binge eating behaviors in Portuguese adult women with overweight and obesity: The mediator role of self-criticism and self-reassurance. *Eating Behaviors* 26, 50-54. [Crossref]

102. Kuan Pin Lin, Mei Li Lee. 2017. Validating a Chinese version of the Weight Self-stigma Questionnaire for use with obese adults. *International Journal of Nursing Practice* 23:4, e12537. [Crossref]

103. Jungah Kim, Changwoo Shon, Seonju Yi. 2017. The Relationship between Obesity and Urban Environment in Seoul. *International Journal of Environmental Research and Public Health* 14:8, 898. [Crossref]

104. Stella Medvedyuk, Ahmednur Ali, Dennis Raphael. 2017. Ideology, obesity and the social determinants of health: a critical analysis of the obesity and health relationship. *Critical Public Health* 45, 1-13. [Crossref]

105. Joy Parkinson, Lisa Schuster, Rory Mulcahy, Heini Maarit Taiminen. 2017. Online support for vulnerable consumers: a safe place?. *Journal of Services Marketing* 31:4/5, 412-422. [Crossref]

106. Sarah Trainer, Amber Wutich, Alexandra Brewis. 2017. Eating in the Panopticon: Surveillance of Food and Weight before and after Bariatric Surgery. *Medical Anthropology* 36:5, 500-514. [\[Crossref\]](#)
107. Andrew W. Wood, Sejal Barden, Mitchell Terk, Jamie Cesaretti. 2017. The influence of stigma on the quality of life for prostate cancer survivors. *Journal of Psychosocial Oncology* 35:4, 451-467. [\[Crossref\]](#)
108. Shannon Jette, Julie Maier, Katelyn Esmonde, Cherise Davis. 2017. Promoting Prenatal Exercise From a Sociocultural and Life-Course Perspective: An “Embodied” Conceptual Framework. *Research Quarterly for Exercise and Sport* 88:3, 269-281. [\[Crossref\]](#)
109. Alexa R. Ferdinands. 2017. Response to Body Quest: Food of the Warrior. *Journal of Nutrition Education and Behavior* 49:7, 610. [\[Crossref\]](#)
110. José Camolas, Osvaldo Santos, Pedro Moreira, Isabel do Carmo. 2017. INDIVIDUO: Results from a patient-centered lifestyle intervention for obesity surgery candidates. *Obesity Research & Clinical Practice* 11:4, 475-488. [\[Crossref\]](#)
111. L. Guadagnoli, T. H Taft, L. Keefer. 2017. Stigma perceptions in patients with eosinophilic gastrointestinal disorders. *Diseases of the Esophagus* 30:7, 1-8. [\[Crossref\]](#)
112. Karen E Dyer, Levent Dumenci, Laura A Siminoff, Maria D Thomson, Jennifer Elston Lafata. 2017. The contribution of body mass index to appraisal delay in colorectal cancer diagnosis: a structural equation modelling study. *British Journal of Cancer* 116:12, 1638-1642. [\[Crossref\]](#)
113. Emily S. Unger, Ichiro Kawachi, Carly E. Milliren, Kendrin R. Sonneville, Idia B. Thurston, Holly C. Gooding, Tracy K. Richmond. 2017. Protective Misperception? Prospective Study of Weight Self-Perception and Blood Pressure in Adolescents With Overweight and Obesity. *Journal of Adolescent Health* 60:6, 680-687. [\[Crossref\]](#)
114. Gudrun Roose, Anneleen Van Kerckhove, Elke Huyghe. 2017. Honey they shrank the food! An integrative study of the impact of food granularity and its operationalization mode on consumption. *Journal of Business Research* 75, 210-220. [\[Crossref\]](#)
115. C. Crutze, B. Pétré, N. Dardenne, A.-F. Donneau, S. Streel, A. Albert, A. Scheen, E. Husson, M. Guillaume. 2017. L'exploration des perceptions relatives à l'excès de poids pour mieux comprendre les difficultés dans la prise en charge de l'obésité : une étude populationnelle exploratoire. *Revue d'Épidémiologie et de Santé Publique* 65:3, 209-219. [\[Crossref\]](#)
116. Emily Haynes, Roger Hughes, Dianne P. Reidlinger. 2017. Obesity prevention advocacy in Australia: an analysis of policy impact on autonomy. *Australian and New Zealand Journal of Public Health* 41:3, 299-305. [\[Crossref\]](#)
117. Alexandra Brewis, Sarah Trainer, SeungYong Han, Amber Wutich. 2017. Publically Misfitting: Extreme Weight and the Everyday Production and Reinforcement of Felt Stigma. *Medical Anthropology Quarterly* 31:2, 257-276. [\[Crossref\]](#)
118. T. J. Kim, N. M. Roesler, O. von dem Knesebeck. 2017. Causation or selection - examining the relation between education and overweight/obesity in prospective observational studies: a meta-analysis. *Obesity Reviews* 18:6, 660-672. [\[Crossref\]](#)
119. Francisco Vicente Sales Melo, Salomão Alencar de Farias, Michelle Helena Kovacs. 2017. ESTEREÓTIPOS E ESTIGMAS DE OBESOS EM PROPAGANDAS COM APELOS DE HUMOR. *Organizações & Sociedade* 24:81, 305-324. [\[Crossref\]](#)
120. Mario A. Brondani, Rana Alan, Leeann Donnelly. 2017. Stigma of addiction and mental illness in healthcare: The case of patients' experiences in dental settings. *PLOS ONE* 12:5, e0177388. [\[Crossref\]](#)
121. Heewon Kim, Meara Faw, Andreas Michaelides. 2017. Mobile But Connected: Harnessing the Power of Self-Efficacy and Group Support for Weight Loss Success through mHealth Intervention. *Journal of Health Communication* 22:5, 395-402. [\[Crossref\]](#)
122. Dominic Abrams, Sally B. Palmer, Julie Van de Vyver, Daniel Hayes, Katrina Delaney, Sophie Guarella, Kiran Purewal. 2017. Adolescents' Judgments of Doubly Deviant Peers: Implications of Intergroup and Intragroup Dynamics for Disloyal and Overweight Group Members. *Social Development* 26:2, 310-328. [\[Crossref\]](#)
123. Sameer Hassamal, Alexandru Trutia, Alican Dalkilic, Ananda K. Pandurangi. 2017. A pilot study of body image perceptions, and attitudes toward obesity in hospitalized psychotic and non-psychotic patients. *Asian Journal of Psychiatry* 26, 8-12. [\[Crossref\]](#)
124. Sarah Trainer, Tonya Benjamin. 2017. Elective surgery to save my life: rethinking the “choice” in bariatric surgery. *Journal of Advanced Nursing* 73:4, 894-904. [\[Crossref\]](#)
125. Solenn Carof. 2017. Is There a ‘National Body’? How National Cultures Shape the ‘Fat’ Body and the Food Practices. *Studies in Ethnicity and Nationalism* 17:1, 57-67. [\[Crossref\]](#)
126. A. A. Brewis, S. Y. Han, C. L. SturtzSreetharan. 2017. Weight, gender, and depressive symptoms in South Korea. *American Journal of Human Biology* 32, e22972. [\[Crossref\]](#)

127. Ross Whitehead, Christina Berg, Alina Cosma, Inese Gobina, Eimear Keane, Fergus Neville, Kristiina Ojala, Colette Kelly. 2017. Trends in Adolescent Overweight Perception and Its Association With Psychosomatic Health 2002–2014: Evidence From 33 Countries. *Journal of Adolescent Health* **60**:2, 204-211. [\[Crossref\]](#)

128. Elke Huyghe, Julie Verstraeten, Maggie Geuens, Anneleen Van Kerckhove. 2017. Clicks as a Healthy Alternative to Bricks: How Online Grocery Shopping Reduces Vice Purchases. *Journal of Marketing Research* **54**:1, 61-74. [\[Crossref\]](#)

129. Sarah Trainer, Alexandra Brewis, Amber Wutich. 2017. Not 'Taking the Easy Way Out': Reframing Bariatric Surgery from Low-effort Weight Loss to Hard Work. *Anthropology & Medicine* **24**:1, 96-110. [\[Crossref\]](#)

130. S. Hayes, C. Wolf, S. Labb  , E. Peterson, S. Murray. 2017. Primary health care providers' roles and responsibilities: A qualitative exploration of ' who does what ' in the treatment and management of persons affected by obesity. *Journal of Communication in Healthcare* **10**:1, 47-54. [\[Crossref\]](#)

131. Joan C. Chrisler, Angela Barney. 2017. Sizeism is a health hazard. *Fat Studies* **6**:1, 38-53. [\[Crossref\]](#)

132. Corey Lee Wrenn. 2017. Fat vegan politics: A survey of fat vegan activists' online experiences with social movement sizeism. *Fat Studies* **6**:1, 90-102. [\[Crossref\]](#)

133. Sally Eagleton, Colony S. Fugate, Michael J. Merten. Improving Physician Self-Efficacy and Reducing Provider Bias: A Family Science Approach to Pediatric Obesity Treatment 91-113. [\[Crossref\]](#)

134. Stephanie E. Cassin, Aliza Friedman. Weight-Based Stigma and Body Image in Severe Obesity 93-105. [\[Crossref\]](#)

135. Jeni L. Burnette, Crystal L. Hoyt, Kasey Orvidas. Mindsets of Body Weight 319-339. [\[Crossref\]](#)

136. Miryam Yusufov, Kristy Dalrymple, Michael H. Bernstein, Emily Walsh, Lia Rosenstein, Iwona Chelminski, Mark Zimmerman. 2017. Body mass index, depression, and suicidality: The role of self-esteem in bariatric surgery candidates. *Journal of Affective Disorders* **208**, 238-247. [\[Crossref\]](#)

137. Evelyn Berger-Jenkins, Elizabeth Jarpe-Ratner, Margaret Giorgio, Alexa Squillaro, Mary McCord, Dodi Meyer. 2017. Engaging Caregivers in School-Based Obesity Prevention Initiatives in a Predominantly Latino Immigrant Community: A Qualitative Analysis. *Journal of Nutrition Education and Behavior* **49**:1, 53-59.e1. [\[Crossref\]](#)

138. Roger Figueroa, Jaclyn Saltzman, Jessica Jarick Metcalfe, Angela Wiley. 2017. "Culture Is So Interspersed": Child-Minders' and Health Workers' Perceptions of Childhood Obesity in South Africa. *Journal of Obesity* **2017**, 1-14. [\[Crossref\]](#)

139. Cristiana Duarte, James Stubbs, Jos   Pinto-Gouveia, Marcela Matos, Corinne Gale, Liam Morris, Paul Gilbert. 2017. The Impact of Self-Criticism and Self-Reassurance on Weight-Related Affect and Well-Being in Participants of a Commercial Weight Management Programme. *Obesity Facts* **10**:2, 65-75. [\[Crossref\]](#)

140. Amy Brown-Bowers, Ashley Ward, Nicole Cormier. 2017. Treating the binge or the (fat) body? Representations of fatness in a gold standard psychological treatment manual for binge eating disorder. *Health: An Interdisciplinary Journal for the Social Study of Health, Illness and Medicine* **21**:1, 21-37. [\[Crossref\]](#)

141. Elizabeth Pegg Frates, Ryan C Xiao, Deepa Sannidhi, Yasamina McBride, Tracie McCargo, Theodore A Stern. 2017. A Web-Based Lifestyle Medicine Curriculum: Facilitating Education About Lifestyle Medicine, Behavioral Change, and Health Care Outcomes. *JMIR Medical Education* **3**:2, e14. [\[Crossref\]](#)

142. Jennifer A. Lee, Cat J. Paus  . 2016. Stigma in Practice: Barriers to Health for Fat Women. *Frontiers in Psychology* **7** . . [\[Crossref\]](#)

143. Lorena Lozano-Sufrategui, Andrew C. Sparkes, Jim McKenna. 2016. Weighty: NICE's Not-So-Nice Words. *Frontiers in Psychology* **7** . . [\[Crossref\]](#)

144. T. M. Diversi, R. Hughes, K. J. Burke. 2016. The prevalence and practice impact of weight bias amongst Australian dietitians. *Obesity Science & Practice* **2**:4, 456-465. [\[Crossref\]](#)

145. J Spahlholz, A Pabst, S G Riedel-Heller, C Luck-Sikorski. 2016. Coping with perceived weight discrimination: testing a theoretical model for examining the relationship between perceived weight discrimination and depressive symptoms in a representative sample of individuals with obesity. *International Journal of Obesity* **40**:12, 1915-1921. [\[Crossref\]](#)

146. Barry Schlansky, Willscott E. Naugler, Susan L. Orloff, C. Kristian Enestvedt. 2016. Higher Mortality and Survival Benefit in Obese Patients Awaiting Liver Transplantation. *Transplantation* **100**:12, 2648-2655. [\[Crossref\]](#)

147. Shelley Spurr, Jill Bally, Krista Trinder, Linzi Williamson. 2016. A Multidimensional Investigation Into the Predictors of Physical Activity in Canadian Adolescents. *Journal of Holistic Nursing* **34**:4, 390-401. [\[Crossref\]](#)

148. Anna Dencker,   sa Premerg, Ellinor K. Olander, Christine McCourt, Karin Haby, Sofie Dencker, Anna Glantz, Marie Berg. 2016. Adopting a healthy lifestyle when pregnant and obese – an interview study three years after childbirth. *BMC Pregnancy and Childbirth* **16**:1 . . [\[Crossref\]](#)

149. Andrea Begley, Christina Mary Pollard. 2016. Workforce capacity to address obesity: a Western Australian cross-sectional study identifies the gap between health priority and human resources needed. *BMC Public Health* 16:1.. [\[Crossref\]](#)

150. Patience Aniteye, Beverley O'Brien, Susannah H. Mayhew. 2016. Stigmatized by association: challenges for abortion service providers in Ghana. *BMC Health Services Research* 16:1.. [\[Crossref\]](#)

151. Angela S. Alberga, Shelly Russell-Mayhew, Kristin M. von Ranson, Lindsay McLaren. 2016. Weight bias: a call to action. *Journal of Eating Disorders* 4:1.. [\[Crossref\]](#)

152. John A. Harris, Michelle H. Moniz, Brad Iott, Robyn Power, Jennifer J. Griggs. 2016. Obesity and the receipt of influenza and pneumococcal vaccination: a systematic review and meta-analysis. *BMC Obesity* 3:1.. [\[Crossref\]](#)

153. S. O'Rahilly. 2016. Harveian Oration 2016: Some observations on the causes and consequences of obesity. *Clinical Medicine* 16:6, 551-564. [\[Crossref\]](#)

154. Olivia Monson, Ngaire Donaghue, Rosalind Gill. 2016. Working hard on the outside: a multimodal critical discourse analysis of The Biggest Loser Australia. *Social Semiotics* 26:5, 524-540. [\[Crossref\]](#)

155. Kira Varava. 2016. Visual Framing, Stigmatization, Race, and Obesity: Examining Television News Presentation of Stories about Obesity and Stories about Health. *Communication Studies* 67:5, 509-529. [\[Crossref\]](#)

156. Danielle M. Raves, Alexandra Brewis, Sarah Trainer, Seung-Yong Han, Amber Wutich. 2016. Bariatric Surgery Patients' Perceptions of Weight-Related Stigma in Healthcare Settings Impair Post-surgery Dietary Adherence. *Frontiers in Psychology* 7.. [\[Crossref\]](#)

157. Lara Palmeira, José Pinto-Gouveia, Marina Cunha. 2016. The role of weight self-stigma on the quality of life of women with overweight and obesity: A multi-group comparison between binge eaters and non-binge eaters. *Appetite* 105, 782-789. [\[Crossref\]](#)

158. Ludwin E Molina, Linda R Tropp, Chris Goode. 2016. Reflections on prejudice and intergroup relations. *Current Opinion in Psychology* 11, 120-124. [\[Crossref\]](#)

159. Jin Seong Park. 2016. Prescription drug advertising and consumer stigma about depression: The moderating role of skepticism toward advertising. *Journal of Communication in Healthcare* 9:4, 298-307. [\[Crossref\]](#)

160. Anja Hilbert. 2016. Weight Stigma Reduction and Genetic Determinism. *PLOS ONE* 11:9, e0162993. [\[Crossref\]](#)

161. Margit I. Berman, Stephanie N. Morton, Mark T. Hegel. 2016. Health at Every Size and Acceptance and Commitment Therapy for Obese, Depressed Women: Treatment Development and Clinical Application. *Clinical Social Work Journal* 44:3, 265-278. [\[Crossref\]](#)

162. Erin E. Kent, Abby Prestin, Anna Gaysynsky, Kasia Galica, Robin Rinker, Kaitlin Graff, Wen-Ying Sylvia Chou. 2016. "Obesity is the New Major Cause of Cancer": Connections Between Obesity and Cancer on Facebook and Twitter. *Journal of Cancer Education* 31:3, 453-459. [\[Crossref\]](#)

163. David A. Frederick, Abigail C. Saguy, Kjerstin Gruys. 2016. Culture, health, and bigotry: How exposure to cultural accounts of fatness shape attitudes about health risk, health policies, and weight-based prejudice. *Social Science & Medicine* 165, 271-279. [\[Crossref\]](#)

164. H. M. Semper, R. Povey, D. Clark-Carter. 2016. A systematic review of the effectiveness of smartphone applications that encourage dietary self-regulatory strategies for weight loss in overweight and obese adults. *Obesity Reviews* 17:9, 895-906. [\[Crossref\]](#)

165. Megan H. Pesch, Kaitlin A. Meixner, Danielle P. Appugliese, Katherine L. Rosenblum, Alison L. Miller, Julie C. Lumeng. 2016. The Evolution of Mothers' Beliefs About Overweight and Obesity in Their Early School-Age Children. *Academic Pediatrics* 16:6, 565-570. [\[Crossref\]](#)

166. J. R. Blackshaw. 2016. Public health nutrition in the civil service (England): approaches to tackling obesity. *Proceedings of the Nutrition Society* 75:03, 356-366. [\[Crossref\]](#)

167. Rachel Young, Roma Subramanian, Amanda Hinnant. 2016. Stigmatizing Images in Obesity Health Campaign Messages and Healthy Behavioral Intentions. *Health Education & Behavior* 43:4, 412-419. [\[Crossref\]](#)

168. Signild Vallgårda. 2016. Ethics dilemmas of early detection of obesity. *Scandinavian Journal of Public Health* 44:6, 543-545. [\[Crossref\]](#)

169. Adrian Carter, Joshua Hendrikse, Natalia Lee, Murat Yücel, Antonio Verdejo-Garcia, Zane B. Andrews, Wayne Hall. 2016. The Neurobiology of "Food Addiction" and Its Implications for Obesity Treatment and Policy. *Annual Review of Nutrition* 36:1, 105-128. [\[Crossref\]](#)

170. Davene R. Wright, Paula Lozano, Elizabeth Dawson-Hahn, Dimitri A. Christakis, Wren L. Haaland, Anirban Basu. 2016. Parental Predictions and Perceptions Regarding Long-Term Childhood Obesity-Related Health Risks. *Academic Pediatrics* 16:5, 475-481. [\[Crossref\]](#)

171. Lily O'Hara, Sabrina Tahboub-Schulte, Justin Thomas. 2016. Weight-related teasing and internalized weight stigma predict abnormal eating attitudes and behaviours in Emirati female university students. *Appetite* 102, 44-50. [\[Crossref\]](#)

172. Laurence J. Nolan, Amy Eshleman. 2016. Paved with good intentions: Paradoxical eating responses to weight stigma. *Appetite* 102, 15-24. [\[Crossref\]](#)

173. Janell L. Mensinger, Rachel M. Calogero, Tracy L. Tylka. 2016. Internalized weight stigma moderates eating behavior outcomes in women with high BMI participating in a healthy living program. *Appetite* 102, 32-43. [\[Crossref\]](#)

174. Janelle T. Garcia, Ernest K. Amankwah, Raquel G. Hernandez. 2016. Assessment of Weight Bias Among Pediatric Nurses and Clinical Support Staff Toward Obese Patients and Their Caregivers. *Journal of Pediatric Nursing* 31:4, e244-e251. [\[Crossref\]](#)

175. Joseph Hackman, Jonathan Maupin, Alexandra A. Brewis. 2016. Weight-related stigma is a significant psychosocial stressor in developing countries: Evidence from Guatemala. *Social Science & Medicine* 161, 55-60. [\[Crossref\]](#)

176. Aneel Karnani, Brent McFerran, Anirban Mukhopadhyay. 2016. The Obesity Crisis as Market Failure: An Analysis of Systemic Causes and Corrective Mechanisms. *Journal of the Association for Consumer Research* 1:3, 445-470. [\[Crossref\]](#)

177. Iain Pirie. 2016. Disordered eating and the contradictions of neoliberal governance. *Sociology of Health & Illness* 38:6, 839-853. [\[Crossref\]](#)

178. Allison W. Watts, Susan M. Mason, Katie Loth, Nicole Larson, Dianne Neumark-Sztainer. 2016. Socioeconomic differences in overweight and weight-related behaviors across adolescence and young adulthood: 10-year longitudinal findings from Project EAT. *Preventive Medicine* 87, 194-199. [\[Crossref\]](#)

179. Isabel Fletcher. 2016. The many meanings of obesity now and then. *BioSocieties* 11:2, 267-271. [\[Crossref\]](#)

180. Lily Lin, Brent McFerran. 2016. The (Iron) Dove Effect: Use of Acceptance Cues for Larger Body Types Increases Unhealthy Behaviors. *Journal of Public Policy & Marketing* 35:1, 76-90. [\[Crossref\]](#)

181. Sandra Jumbe, Claire Bartlett, Samantha L. Jumbe, Jane Meyrick. 2016. The effectiveness of bariatric surgery on long term psychosocial quality of life – A systematic review. *Obesity Research & Clinical Practice* 10:3, 225-242. [\[Crossref\]](#)

182. Ning Zhang, Yue Li, Rosa Rodriguez-Monguio, Andrew Barenberg, Helena Temkin-Greener, Jerry Gurwitz. 2016. Are Obese Residents More Likely to Be Admitted to Nursing Homes That Have More Deficiencies in Care?. *Journal of the American Geriatrics Society* 64:5, 1085-1090. [\[Crossref\]](#)

183. Corey Lee Wrenn. 2016. An Analysis of Diversity in Nonhuman Animal Rights Media. *Journal of Agricultural and Environmental Ethics* 29:2, 143-165. [\[Crossref\]](#)

184. Megan H. Pesch, Monika Rizk, Danielle P. Appugliese, Katherine L. Rosenblum, Alison Miller, Julie C. Lumeng. 2016. Maternal concerns about children overeating among low-income children. *Eating Behaviors* 21, 220-227. [\[Crossref\]](#)

185. Jayati Sinha. 2016. We are where we eat: How consumption contexts induce (un)healthful eating for stigmatized overweight consumers. *Journal of Consumer Psychology* 26:2, 289-297. [\[Crossref\]](#)

186. Kjersti Karoline Danielsen, Jorunn Sundgot-Borgen, Gro Rugseth. 2016. Severe Obesity and the Ambivalence of Attending Physical Activity. *Qualitative Health Research* 26:5, 685-696. [\[Crossref\]](#)

187. Janine B. Beekman, Rebecca A. Ferrer, William M.P. Klein, Susan Persky. 2016. Effects of perceived weight discrimination on willingness to adopt unhealthy behaviours: influence of genomic information. *Psychology & Health* 31:3, 334-348. [\[Crossref\]](#)

188. Anna K. Luke, E. Whitney Evans, Dale S. Bond, J. Graham Thomas. 2016. Associations between omega fatty acid consumption and depressive symptoms among individuals seeking behavioural weight loss treatment. *Obesity Science & Practice* 2:1, 75-82. [\[Crossref\]](#)

189. Laura R. Kair, Tarah T. Colaizy. 2016. Obese Mothers have Lower Odds of Experiencing Pro-breastfeeding Hospital Practices than Mothers of Normal Weight: CDC Pregnancy Risk Assessment Monitoring System (PRAMS), 2004–2008. *Maternal and Child Health Journal* 20:3, 593-601. [\[Crossref\]](#)

190. Sabine Glock, Arnoud Oude Groote Beverborg, Barbara C. N. Müller. 2016. Pre-service teachers' implicit and explicit attitudes toward obesity influence their judgments of students. *Social Psychology of Education* 19:1, 97-115. [\[Crossref\]](#)

191. Kimberly J. McClure Brenchley, Diane M. Quinn. 2016. Weight-based rejection sensitivity: Scale development and implications for well-being. *Body Image* 16, 79-92. [\[Crossref\]](#)

192. D A Frederick, A C Saguy, G Sandhu, T Mann. 2016. Effects of competing news media frames of weight on antifat stigma, beliefs about weight and support for obesity-related public policies. *International Journal of Obesity* 40:3, 543-549. [\[Crossref\]](#)

193. M. Vallis. 2016. Quality of life and psychological well-being in obesity management: improving the odds of success by managing distress. *International Journal of Clinical Practice* 70:3, 196-205. [\[Crossref\]](#)

194. Morten Ebbe Juul Nielsen, Jørgen Dejgaard Jensen. 2016. Sin Taxes, Paternalism, and Justifiability to All: Can Paternalistic Taxes Be Justified on a Public Reason-Sensitive Account?. *Journal of Social Philosophy* 47:1, 55-69. [\[Crossref\]](#)

195. Christy Brady. 2016. Decreasing Obesity and Obesity Stigma: Socio-Demographic Differences in Beliefs about Causes of and Responsibility for Obesity. *Social Sciences* 5:1, 12. [\[Crossref\]](#)

196. L. Nabors, A. Merianos, B. Olsen. 2016. Perceptions of a Child Who was Overweight or of Average Weight by African American Children. *Child and Adolescent Social Work Journal* 33:1, 47-53. [\[Crossref\]](#)

197. C Sikorski, J Spahlholz, M Hartlev, S G Riedel-Heller. 2016. Weight-based discrimination: an ubiquitous phenomenon?. *International Journal of Obesity* 40:2, 333-337. [\[Crossref\]](#)

198. Adrienne N. Milner, Brandon J. George, David B. Allison. 2016. Black and Hispanic Men Perceived to Be Large Are at Increased Risk for Police Frisk, Search, and Force. *PLOS ONE* 11:1, e0147158. [\[Crossref\]](#)

199. Rocco Cavaleri, Timothy Short, Sascha Karunaratne, Lucy S. Chipchase. 2016. Weight stigmatisation in physiotherapy: a systematic review. *Physical Therapy Reviews* 21:1, 1-9. [\[Crossref\]](#)

200. Jason Whitesel, Amy Shuman. 2016. Discursive entanglements, diffractive readings: Weight-loss-surgery narratives of Girth & Mirthers. *Fat Studies* 5:1, 32-56. [\[Crossref\]](#)

201. Lucio Lucchin. Overview of the Management of Obese patients 3-9. [\[Crossref\]](#)

202. Roy J. Shephard. Excessive Appetite vs. Inadequate Physical Activity in the Pathology of Obesity: Evidence from Objective Monitoring 277-298. [\[Crossref\]](#)

203. Rachel M. Calogero, Tracy L. Tylka, Janell L. Mensinger. Scientific Weightism: A View of Mainstream Weight Stigma Research Through a Feminist Lens 9-28. [\[Crossref\]](#)

204. Emilio García-Sánchez. Cosmetic Vulnerability: The New Face of Human Frailty 189-217. [\[Crossref\]](#)

205. E. Alexander, A. Selwyn, C. Calitz, D. Yach, Y.C. Wang. Obesity: Causes and Prevalence 132-138. [\[Crossref\]](#)

206. Jerica M. Berge, Richard F. MacLehose, Craig Meyer, Katharine Didericksen, Katie A. Loth, Dianne Neumark-Sztainer. 2016. He Said, She Said: Examining Parental Concordance on Home Environment Factors and Adolescent Health Behaviors and Weight Status. *Journal of the Academy of Nutrition and Dietetics* 116:1, 46-60. [\[Crossref\]](#)

207. Stephen J. Mooney, Abdulrahman M. El-Sayed. 2016. Stigma and the etiology of depression among the obese: An agent-based exploration. *Social Science & Medicine* 148, 1-7. [\[Crossref\]](#)

208. Jayne Raisborough. Introduction: Fat, the Media, and a Fat Sensibility 1-22. [\[Crossref\]](#)

209. Sarah Nutter, Shelly Russell-Mayhew, Angela S. Alberga, Nancy Arthur, Anusha Kassan, Darren E. Lund, Monica Sesma-Vazquez, Emily Williams. 2016. Positioning of Weight Bias: Moving towards Social Justice. *Journal of Obesity* 2016, 1-10. [\[Crossref\]](#)

210. Chi-Chuan Tseng, Alan Tseng, Jason Tseng, Chia-Hao Chang. 2016. Effect of Laser Acupuncture on Anthropometric Measurements and Appetite Sensations in Obese Subjects. *Evidence-Based Complementary and Alternative Medicine* 2016, 1-8. [\[Crossref\]](#)

211. Michael Shapiro, Adam Reid, Brian Olsen, Michael Taasan, Joseph McNamara, Mathew Nguyen. 2016. Topiramate, zonisamide and weight loss in children and adolescents prescribed psychiatric medications. *The International Journal of Psychiatry in Medicine* 51:1, 56-68. [\[Crossref\]](#)

212. Ninive Sanchez, Hillary Jones. 2016. "Less Than A Wife": A Study of Polycystic Ovary Syndrome Content in Teen and Women's Digital Magazines. *Journal of Medical Internet Research* 18:6, e89. [\[Crossref\]](#)

213. Einar B. Thorsteinsson, Natasha M. Loi, Dana Breadsell. 2016. The effect of weight controllability beliefs on prejudice and self-efficacy. *PeerJ* 4, e1764. [\[Crossref\]](#)

214. Stuart W. Flint, Jeremé Snook. 2015. Disability Discrimination and Obesity: The Big Questions?. *Current Obesity Reports* 4:4, 504-509. [\[Crossref\]](#)

215. Signild Vallgårda. 2015. Governing obesity policies from England, France, Germany and Scotland. *Social Science & Medicine* 147, 317-323. [\[Crossref\]](#)

216. Monchanok Choowanthanapakorn, Kung-Wen Lu, Jun Yang, Ching-Liang Hsieh, Yi-Wen Lin. 2015. Targeting TRPV1 for Body Weight Control using TRPV1-/- Mice and Electroacupuncture. *Scientific Reports* 5:1. . [\[Crossref\]](#)

217. Lily O'Hara, Jane Taylor, Margaret Barnes. 2015. The extent to which the public health 'war on obesity' reflects the ethical values and principles of critical health promotion: a multimedia critical discourse analysis. *Health Promotion Journal of Australia* 26:3, 246-254. [\[Crossref\]](#)

218. REBECCA M. PUHL, JANET D. LATNER, KERRY S. O'BRIEN, JOERG LUEDICKE, SIGRUN DANIELSDOTTIR, XIMENA RAMOS SALAS. 2015. Potential Policies and Laws to Prohibit Weight Discrimination: Public Views from 4 Countries. *The Milbank Quarterly* 93:4, 691-731. [\[Crossref\]](#)

219. Christine Logel, Danu Anthony Stinson, Paula M. Brochu. 2015. Weight Loss Is Not the Answer: A Well-being Solution to the "Obesity Problem". *Social and Personality Psychology Compass* 9:12, 678-695. [\[Crossref\]](#)

220. Rebecca L Pearl, Rebecca M Puhl, John F Dovidio. 2015. Differential effects of weight bias experiences and internalization on exercise among women with overweight and obesity. *Journal of Health Psychology* 20:12, 1626-1632. [\[Crossref\]](#)

221. Jennifer Martin-Biggers, Kim Spaccarotella, Nobuko Hongu, Gayle Alleman, John Worobey, Carol Byrd-Bredbenner. 2015. Translating it into real life: a qualitative study of the cognitions, barriers and supports for key obesogenic behaviors of parents of preschoolers. *BMC Public Health* 15:1.. [\[Crossref\]](#)

222. Helen Dixon, Maree Scully, Sarah Durkin, Emily Brennan, Trish Cotter, Sarah Maloney, Blythe J. O'Hara, Melanie Wakefield. 2015. Finding the keys to successful adult-targeted advertisements on obesity prevention: an experimental audience testing study. *BMC Public Health* 15:1.. [\[Crossref\]](#)

223. Andrea E. Bombak. 2015. Obese persons' physical activity experiences and motivations across weight changes: a qualitative exploratory study. *BMC Public Health* 15:1.. [\[Crossref\]](#)

224. Pranav K. Gandhi, Dennis A. Revicki, I-Chan Huang. 2015. Adolescent body weight and health-related quality of life rated by adolescents and parents: the issue of measurement bias. *BMC Public Health* 15:1.. [\[Crossref\]](#)

225. Benjamin Kim, Eliezer Colon, Shivansh Chawla, Laura N. Vandenberg, Alexander Suvorov. 2015. Endocrine disruptors alter social behaviors and indirectly influence social hierarchies via changes in body weight. *Environmental Health* 14:1.. [\[Crossref\]](#)

226. Chi-Chuan Tseng, Alan Tseng, Chia-Hao Chang. 2015. Effect of laser acupuncture on obesity: study protocol for a randomized controlled trial. *Trials* 16:1.. [\[Crossref\]](#)

227. Jennifer D Roberts, Rashawn Ray, Amber D Biles, Brandon Knight, Brian E Saclens. 2015. Built environment and active play among Washington DC metropolitan children: A protocol for a cross-sectional study. *Archives of Public Health* 73:1.. [\[Crossref\]](#)

228. Anita Star, Phillipa Hay, Frances Quirk, Jonathan Mond. 2015. Perceived discrimination and favourable regard toward underweight, normal weight and obese eating disorder sufferers: implications for obesity and eating disorder population health campaigns. *BMC Obesity* 2:1.. [\[Crossref\]](#)

229. Yeeli Mui, Bruce Lee, Atif Adam, Anna Kharmats, Nadine Budd, Claudia Nau, Joel Gittelsohn. 2015. Healthy versus Unhealthy Suppliers in Food Desert Neighborhoods: A Network Analysis of Corner Stores' Food Supplier Networks. *International Journal of Environmental Research and Public Health* 12:12, 15058-15074. [\[Crossref\]](#)

230. Suzanne K. Chambers, Peter Baade, Philippa Youl, Joanne Aitken, Stefano Occhipinti, Shalini Vinod, Patricia C. Valery, Gail Garvey, Kwun M. Fong, David Ball, Helen Zorbas, Jeff Dunn, Dianne L. O'Connell. 2015. Psychological distress and quality of life in lung cancer: the role of health-related stigma, illness appraisals and social constraints. *Psycho-Oncology* 24:11, 1569-1577. [\[Crossref\]](#)

231. Michaela Nagl, Katja Linde, Holger Stepan, Anette Kersting. 2015. Obesity and anxiety during pregnancy and postpartum: A systematic review. *Journal of Affective Disorders* 186, 293-305. [\[Crossref\]](#)

232. Franziska U. C. E. Jung, Claudia Luck-Sikorski, Nina Wiemers, Steffi G. Riedel-Heller. 2015. Dietitians and Nutritionists: Stigma in the Context of Obesity. A Systematic Review. *PLOS ONE* 10:10, e0140276. [\[Crossref\]](#)

233. Andrea E. Bombak. 2015. "Everybody watches and everybody comments". *Food, Culture & Society* 18:4, 681-700. [\[Crossref\]](#)

234. C. Champion, N. Glenn, T. Berry, J. C. Spence. 2015. Exploring women's responses to online media coverage of weight loss surgery. *Clinical Obesity* 5:5, 281-287. [\[Crossref\]](#)

235. Rebecca L. Pearl, John F. Dovidio, Rebecca M. Puhl, Kelly D. Brownell. 2015. Exposure to Weight-Stigmatizing Media: Effects on Exercise Intentions, Motivation, and Behavior. *Journal of Health Communication* 20:9, 1004-1013. [\[Crossref\]](#)

236. Andrea E. Bombak. 2015. "Obesities": Experiences and perspectives across weight trajectories. *Health Sociology Review* 24:3, 256-269. [\[Crossref\]](#)

237. Stephanie Papadopoulos, Leah Brennan. 2015. Correlates of weight stigma in adults with overweight and obesity: A systematic literature review. *Obesity* 23:9, 1743-1760. [\[Crossref\]](#)

238. Adriana Díaz-Anzaldúa, Yolanda Ocampo-Mendoza, José Octavio Hernández-Lagunas, Federico Alejandro Díaz-Madrid, Francisco Romo-Nava, Francisco Juárez-García, Hiram Ortega-Ortiz, Alejandro Díaz-Anzaldúa, Doris Gutiérrez-Mora, Claudia Becerra-Palars, Carlos Berlanga-Cisneros. 2015. Differences in body mass index according to fat mass- and obesity-associated (FTO) genotype in Mexican patients with bipolar disorder. *Bipolar Disorders* 17:6, 662-669. [\[Crossref\]](#)

239. Mary Himmelstein, A. Janet Tomiyama. 2015. It's Not You, It's Me. *Social Psychological and Personality Science* 6:7, 749-757. [\[Crossref\]](#)

240. Praween Agrawal, Kamla Gupta, Vinod Mishra, Sutapa Agrawal. 2015. The Psychosocial Factors Related to Obesity: A Study Among Overweight, Obese, and Morbidly Obese Women in India. *Women & Health* 55:6, 623-645. [\[Crossref\]](#)

241. James K. Beggan, Mattie DeAngelis. 2015. "Oh, My God, I Hate You:" The Felt Experience of Being Othered for Being Thin. *Symbolic Interaction* 38:3, 371-392. [\[Crossref\]](#)

242. R. L. Pearl, J. F. Dovidio, R. M. Puhl. 2015. Visual portrayals of obesity in health media: promoting exercise without perpetuating weight bias. *Health Education Research* 30:4, 580-590. [\[Crossref\]](#)

243. Helen Dixon, Maree Scully, Trish Cotter, Sarah Maloney, Melanie Wakefield. 2015. Healthy weight and lifestyle advertisements: an assessment of their persuasive potential. *Health Education Research* 30:4, 569-579. [\[Crossref\]](#)

244. M. Khan, A. K. Clift, C. O'Cinneide, J. Wilding. 2015. Obesity as a disability: a weighty precedent?. *Clinical Obesity* 5:4, 163-164. [\[Crossref\]](#)

245. Rosemarie Kobau, Colleen K. DiIorio, Nancy J. Thompson, Yvan A. Bamps, Erik K. St. Louis. Epilepsy, Comorbidities, and Consequences: Implications for Understanding and Combating Stigma 15-25. [\[Crossref\]](#)

246. Robert Aronowitz, Andrew Deener, Danya Keene, Jason Schnittker, Laura Tach. 2015. Cultural Reflexivity in Health Research and Practice. *American Journal of Public Health* 105:S3, S403-S408. [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#) [\[PDF Plus\]](#)

247. Lori A. Klos, Christy Greenleaf, Natalie Paly, Molly M. Kessler, Colby G. Shoemaker, Erika A. Suchla. 2015. Losing Weight on Reality TV: A Content Analysis of the Weight Loss Behaviors and Practices Portrayed on The Biggest Loser. *Journal of Health Communication* 20:6, 639-646. [\[Crossref\]](#)

248. Rebecca Puhl, Young Suh. 2015. Health Consequences of Weight Stigma: Implications for Obesity Prevention and Treatment. *Current Obesity Reports* 4:2, 182-190. [\[Crossref\]](#)

249. Shannon Rich Scott, Lisa H. Rosen. 2015. Predicting anti-fat attitudes: individual differences based on actual and perceived body size, weight importance, entity mindset, and ethnicity. *Eating and Weight Disorders - Studies on Anorexia, Bulimia and Obesity* 20:2, 179-186. [\[Crossref\]](#)

250. Niva Piran. 2015. New possibilities in the prevention of eating disorders: The introduction of positive body image measures. *Body Image* 14, 146-157. [\[Crossref\]](#)

251. Jeffrey M. Hunger, Brenda Major, Alison Blodorn, Carol T. Miller. 2015. Weighed Down by Stigma: How Weight-Based Social Identity Threat Contributes to Weight Gain and Poor Health. *Social and Personality Psychology Compass* 9:6, 255-268. [\[Crossref\]](#)

252. Kate Holland, R. Warwick Blood, Samantha L. Thomas, Sophie Lewis. 2015. Challenging stereotypes and legitimating fat: An analysis of obese people's views on news media reporting guidelines and promoting body diversity. *Journal of Sociology* 51:2, 431-445. [\[Crossref\]](#)

253. Benoit Pétré, Anne-Françoise Donneau, Céline Crutze, Eddy Husson, André Scheen, Michèle Guillaume. 2015. Obese subjects involvement in a population-based survey: the use of information and communication technologies (ICT) to avoid stigmatization. *Quality of Life Research* 24:5, 1131-1135. [\[Crossref\]](#)

254. Soohyun Nam, Nancy Redeker, Robin Whittemore. 2015. Social networks and future direction for obesity research: A scoping review. *Nursing Outlook* 63:3, 299-317. [\[Crossref\]](#)

255. Mark D. Faries, John B. Bartholomew. 2015. Coping with Weight-related Discrepancies: Initial Development of the WEIGHTCOPE. *Women's Health Issues* 25:3, 267-275. [\[Crossref\]](#)

256. S E Jackson, A Steptoe, R J Beeken, H Croker, J Wardle. 2015. Perceived weight discrimination in England: a population-based study of adults aged #50 years. *International Journal of Obesity* 39:5, 858-864. [\[Crossref\]](#)

257. Emma Rich, Laura De Pian, Jessica Francombe-Webb. 2015. Physical Cultures of Stigmatisation: Health Policy & Social Class. *Sociological Research Online* 20:2, 1-14. [\[Crossref\]](#)

258. Brian P. Meier, Adam K. Fetterman, Michael D. Robinson, Courtney M. Lappas. 2015. The Myth of the Angry Atheist. *The Journal of Psychology* 149:3, 219-238. [\[Crossref\]](#)

259. Sharon Bernecki DeJoy, Krystle Bittner. 2015. Obesity Stigma as a Determinant of Poor Birth Outcomes in Women with High BMI: A Conceptual Framework. *Maternal and Child Health Journal* 19:4, 693-699. [\[Crossref\]](#)

260. Bernhard Hain, Lorena Langer, Katharina Hünnemeyer, Gottfried Rudofsky, Ulrike Zech, Beate Wild. 2015. Translation and Validation of the German Version of the Weight Self-Stigma Questionnaire (WSSQ). *Obesity Surgery* 25:4, 750-753. [\[Crossref\]](#)

261. Christopher N Ochner, Adam G Tsai, Robert F Kushner, Thomas A Wadden. 2015. Treating obesity seriously: when recommendations for lifestyle change confront biological adaptations. *The Lancet Diabetes & Endocrinology* 3:4, 232-234. [\[Crossref\]](#)

262. A. Albertsen. 2015. Luck Egalitarianism, Social Determinants and Public Health Initiatives. *Public Health Ethics* 8:1, 42-49. [\[Crossref\]](#)

263. K. L. MacKay. 2015. The Restaurant Food Hot Potato: Stop Passing it on--A Commentary on Mah and Timming's, 'Equity in Public Health Ethics: The Case of Menu Labelling Policy at the Local Level'. *Public Health Ethics* 8:1, 90-93. [\[Crossref\]](#)

264. C. A. Womack. 2015. Looking Beyond Labeling: From Calories to Construction of New Menus and Venues for Healthier Eating. *Public Health Ethics* 8:1, 103-105. [\[Crossref\]](#)

265. Rachel Florence Rodgers, Susan J. Paxton, Siân A. McLean, Robin Massey, Jonathan M. Mond, Phillipa J. Hay, Bryan Rodgers. 2015. Stigmatizing Attitudes and Beliefs Toward Bulimia Nervosa. *The Journal of Nervous and Mental Disease* 203:4, 259-263. [\[Crossref\]](#)

266. Selena E. Ortiz, Frederick J. Zimmerman, Franklin D. Gilliam Jr. 2015. Weighing In: The Taste-Engineering Frame in Obesity Expert Discourse. *American Journal of Public Health* 105:3, 554-559. [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#) [\[PDF Plus\]](#)

267. Dawn Clifford, Amy Ozier, Joanna Bundros, Jeffrey Moore, Anna Kreiser, Michelle Neyman Morris. 2015. Impact of Non-Diet Approaches on Attitudes, Behaviors, and Health Outcomes: A Systematic Review. *Journal of Nutrition Education and Behavior* 47:2, 143-155.e1. [\[Crossref\]](#)

268. Claudia Sikorski, Melanie Luppa, Matthias C. Angermeyer, Georg Schomerus, Bruce Link, Steffi G. Riedel-Heller. 2015. The association of BMI and social distance towards obese individuals is mediated by sympathy and understanding. *Social Science & Medicine* 128, 25-30. [\[Crossref\]](#)

269. Denise Ratcliffe, Nell Ellison. 2015. Obesity and Internalized Weight Stigma: A Formulation Model for an Emerging Psychological Problem. *Behavioural and Cognitive Psychotherapy* 43:02, 239-252. [\[Crossref\]](#)

270. JULIA A. WOLFSON, SARAH E. GOLLUST, JEFF NIEDERDEPPE, COLLEEN L. BARRY. 2015. The Role of Parents in Public Views of Strategies to Address Childhood Obesity in the United States. *Milbank Quarterly* 93:1, 73-111. [\[Crossref\]](#)

271. Claudia Sikorski, Melanie Luppa, Tobias Luck, Steffi G. Riedel-Heller. 2015. Weight stigma "gets under the skin"-evidence for an adapted psychological mediation framework-a systematic review. *Obesity* 23:2, 266-276. [\[Crossref\]](#)

272. Christina C. Wee, Roger B. Davis, Sarah Chiodi, Karen W. Huskey, Mary B. Hamel. 2015. Sex, Race, and the Adverse Effects of Social Stigma vs. Other Quality of Life Factors Among Primary Care Patients with Moderate to Severe Obesity. *Journal of General Internal Medicine* 30:2, 229-235. [\[Crossref\]](#)

273. Nicolas Rasmussen. 2015. Stigma and the addiction paradigm for obesity: lessons from 1950s America. *Addiction* 110:2, 217-225. [\[Crossref\]](#)

274. Giuliana da Costa Cori, Maria Luiza Blanques Petty, Marle dos Santos Alvarenga. 2015. Atitudes de nutricionistas em relação a indivíduos obesos – um estudo exploratório. *Ciência & Saúde Coletiva* 20:2, 565-576. [\[Crossref\]](#)

275. E. Hoare, M. Fuller-Tyszkiewicz, H. Skouteris, L. Millar, M. Nichols, S. Allender. 2015. Systematic review of mental health and well-being outcomes following community-based obesity prevention interventions among adolescents. *BMJ Open* 5:1, e006586-e006586. [\[Crossref\]](#)

276. Christina C. Wee. 2015. Leveraging Technology to Manage Obesity in Primary Care: A Work in Progress. *Journal of General Internal Medicine* 30:1, 3-5. [\[Crossref\]](#)

277. Catriona Bonfiglioli. Overweight and Obesity in TV News 87-108. [\[Crossref\]](#)

278. Karen A. Monsen, Ingrid S. Attleson, Kristin J. Erickson, Claire Neely, Gary Oftedahl, Diane R. Thorson. 2015. Translation of Obesity Practice Guidelines: Interprofessional Perspectives Regarding the Impact of Public Health Nurse System-Level Intervention. *Public Health Nursing* 32:1, 34-42. [\[Crossref\]](#)

279. D. B. Kumah, K. O. Akuffo, J. E. Abaka-Cann, D. E. Affram, E. A. Osae. 2015. Prevalence of Overweight and Obesity among Students in the Kumasi Metropolis. *Journal of Nutrition and Metabolism* 2015, 1-4. [\[Crossref\]](#)

280. Lenwood W. Hayman, Hannah J. Lee, Alison L. Miller, Julie C. Lumeng. 2014. Low-income women's conceptualizations of emotional- and stress-eating. *Appetite* **83**, 269-276. [\[Crossref\]](#)

281. Janet D. Latner, John P. Barile, Laura E. Durso, Kerry S. O'Brien. 2014. Weight and health-related quality of life: The moderating role of weight discrimination and internalized weight bias. *Eating Behaviors* **15**:4, 586-590. [\[Crossref\]](#)

282. Jason M. Lavender, Michael L. Alosco, Mary Beth Spitznagel, Gladys Strain, Michael Devlin, Ronald Cohen, Robert Paul, Ross D. Crosby, James E. Mitchell, Stephen A. Wonderlich, John Gunstad. 2014. Association between binge eating disorder and changes in cognitive functioning following bariatric surgery. *Journal of Psychiatric Research* **59**, 148-154. [\[Crossref\]](#)

283. Annie Ro, Nancy Fleischer. 2014. Changes in health selection of obesity among Mexican immigrants: A binational examination. *Social Science & Medicine* **123**, 114-124. [\[Crossref\]](#)

284. Anna I. Guedjikova, Thomas J. Blom, Nicole Mori, Leah Casuto, Paul E. Keck, Susan L. McElroy. 2014. Gender Differences in Binge Eating Disorder: A Pooled Analysis of Eleven Pharmacotherapy Trials from One Research Group. *Journal of Men's Health* **11**:4, 183-188. [\[Crossref\]](#)

285. Karin Eli, Kyndal Howell, Philip A Fisher, Paulina Nowicka. 2014. "A little on the heavy side": a qualitative analysis of parents' and grandparents' perceptions of preschoolers' body weights: Table 1. *BMJ Open* **4**:12, e006609. [\[Crossref\]](#)

286. Zia Ul-Haq, Daniel J Smith, Barbara I Nicholl, Breda Cullen, Daniel Martin, Jason MR Gill, Jonathan Evans, Beverly Roberts, Ian J Deary, John Gallacher, Matthew Hotopf, Nick Craddock, Daniel F Mackay, Jill P Pell. 2014. Gender differences in the association between adiposity and probable major depression: a cross-sectional study of 140,564 UK Biobank participants. *BMC Psychiatry* **14**:1. . [\[Crossref\]](#)

287. Matthias Braun, Johanna Schell, Wolfgang Siegfried, Manfred J Müller, Jens Ried. 2014. Re-entering obesity prevention: a qualitative-empirical inquiry into the subjective aetiology of extreme obese adolescents. *BMC Public Health* **14**:1. . [\[Crossref\]](#)

288. Jean Gilbert, R James Stubbs, Corinne Gale, Paul Gilbert, Laura Dunk, Louise Thomson. 2014. A qualitative study of the understanding and use of 'compassion focused coping strategies' in people who suffer from serious weight difficulties. *Journal of Compassionate Health Care* **1**:1. . [\[Crossref\]](#)

289. Melissa J. Black, Nicole Sokol, Lenny R. Vartanian. 2014. The Effect of Effort and Weight Controllability on Perceptions of Obese Individuals. *The Journal of Social Psychology* **154**:6, 515-526. [\[Crossref\]](#)

290. A. Janet Tomiyama. 2014. Weight stigma is stressful. A review of evidence for the Cyclic Obesity/Weight-Based Stigma model. *Appetite* **82**, 8-15. [\[Crossref\]](#)

291. Alexandra A. Brewis, Amber Wutich. 2014. A WORLD OF SUFFERING? BIOCULTURAL APPROACHES TO FAT STIGMA IN THE GLOBAL CONTEXTS OF THE OBESITY EPIDEMIC. *Annals of Anthropological Practice* **38**:2, 269-283. [\[Crossref\]](#)

292. Jessica E. Cornick, Jim Blascovich. 2014. Are Virtual Environments the New Frontier in Obesity Management?. *Social and Personality Psychology Compass* **8**:11, 650-658. [\[Crossref\]](#)

293. Natalia Lee, Wayne Hall, Jayne Lucke, Cynthia Forlini, Adrian Carter. 2014. Food Addiction and Its Impact on Weight-Based Stigma and the Treatment of Obese Individuals in the U.S. and Australia. *Nutrients* **6**:11, 5312-5326. [\[Crossref\]](#)

294. Mazen R. Harb, Osborne F. X. Almeida. 2014. Altered motivation masks appetitive learning potential of obese mice. *Frontiers in Behavioral Neuroscience* **8**. . [\[Crossref\]](#)

295. Rebecca L. Pearl, Matthew S. Lebowitz. 2014. Beyond personal responsibility: Effects of causal attributions for overweight and obesity on weight-related beliefs, stigma, and policy support. *Psychology & Health* **29**:10, 1176-1191. [\[Crossref\]](#)

296. Jean-Philippe Chaput, Margot Shields, Mark S. Tremblay. Statistics in Childhood Obesity . [\[Crossref\]](#)

297. Kimberly A. Gudzune, Wendy L. Bennett, Lisa A. Cooper, Jeanne M. Clark, Sara N. Bleich. 2014. Prior doctor shopping resulting from differential treatment correlates with differences in current patient-provider relationships. *Obesity* **22**:9, 1952-1955. [\[Crossref\]](#)

298. Sara N. Bleich, Sachini Bandara, Wendy L. Bennett, Lisa A. Cooper, Kimberly A. Gudzune. 2014. Impact of non-physician health professionals' BMI on obesity care and beliefs. *Obesity* **311**, n/a-n/a. [\[Crossref\]](#)

299. Sarah E. Jackson, Rebecca J. Beeken, Jane Wardle. 2014. Perceived weight discrimination and changes in weight, waist circumference, and weight status. *Obesity* **9**, n/a-n/a. [\[Crossref\]](#)

300. Carmen Zahn, Norbert Schaeffeler, Katrin Elisabeth Giel, Daniel Wessel, Ansgar Thiel, Stephan Zipfel, Friedrich W. Hesse. 2014. Video clips for YouTube: Collaborative video creation as an educational concept for knowledge acquisition and attitude change related to obesity stigmatization. *Education and Information Technologies* **19**:3, 603-621. [\[Crossref\]](#)

301. Wen-ying Sylvia Chou, Abby Prestin, Stephen Kunath. 2014. Obesity in social media: a mixed methods analysis. *Translational Behavioral Medicine* 4:3, 314-323. [\[Crossref\]](#)

302. Tracey L. Bridger, Anne Wareham. 2014. Beyond BMI: The Next Chapter in Childhood Obesity Management. *Current Obesity Reports* 3:3, 321-329. [\[Crossref\]](#)

303. Arlene E. Chung, Asheley Cockrell Skinner, Gary R. Maslow, Carolyn T. Halpern, Eliana M. Perrin. 2014. Sex Differences in Adult Outcomes by Changes in Weight Status From Adolescence to Adulthood: Results From Add Health. *Academic Pediatrics* 14:5, 448-455. [\[Crossref\]](#)

304. Jenny Setchell, Bernadette Watson, Liz Jones, Michael Gard, Kathy Briffa. 2014. Physiotherapists demonstrate weight stigma: a cross-sectional survey of Australian physiotherapists. *Journal of Physiotherapy* 60:3, 157-162. [\[Crossref\]](#)

305. S. Jalali-Farahani, Y. S. Chin, P. Amiri, M. N. Mohd Taib. 2014. Body mass index (BMI)-for-age and health-related quality of life (HRQOL) among high school students in Tehran. *Child: Care, Health and Development* 40:5, 731-739. [\[Crossref\]](#)

306. J. L. Browne, A. Ventura, K. Mosely, J. Speight. 2014. 'I'm not a druggie, I'm just a diabetic': a qualitative study of stigma from the perspective of adults with type 1 diabetes. *BMJ Open* 4:7, e005625-e005625. [\[Crossref\]](#)

307. Nathalie Barth, Claire Perrin, Jean Camy. 2014. S'engager dans une pratique régulière d'activité physique lorsqu'on est atteint de diabète de type 2 : entre « trajectoire de maladie » et « carrière de pratiquant d'activité physique adaptée (APA) ». *Loisir et Société / Society and Leisure* 37:2, 224-240. [\[Crossref\]](#)

308. Alan Petersen, Claire Tanner, Suzanne Fraser. 2014. Practicing Food Anxiety: Making Australian Mothers Responsible for Their Families' Dietary Decisions. *Food and Foodways* 22:3, 175-197. [\[Crossref\]](#)

309. Olivia J. Lindly, Michelle R. Nario-Redmond, Jeffrey G. Noel. 2014. Creatively Re-Defining Fat: Identification Predicts Strategic Responses to Stigma, Ingroup Attitudes, and Well-Being. *Fat Studies* 3:2, 179-195. [\[Crossref\]](#)

310. Andrea Bombak. 2014. Bombak Responds. *American Journal of Public Health* 104:7, e1-e2. [\[Citation\]](#) [\[Full Text\]](#) [\[PDF\]](#) [\[PDF Plus\]](#)

311. Christina L. Lindhardt, Sune Rubak, Ole Mogensen, Helle P. Hansen, Ronald F. Lamont, Jan S. Jørgensen. 2014. Training in motivational interviewing in obstetrics: a quantitative analytical tool. *Acta Obstetricia et Gynecologica Scandinavica* 93:7, 698-704. [\[Crossref\]](#)

312. Federica Durante, Mirco Fasolo, Silvia Mari, Andrea F. Mazzola. 2014. Children's Attitudes and Stereotype Content Toward Thin, Average-Weight, and Overweight Peers. *SAGE Open* 4:2, 215824401453469. [\[Crossref\]](#)

313. Niamh K Shortt, Esther Rind, Jamie Pearce, Richard Mitchell. 2014. Integrating Environmental Justice and Socioecological Models of Health to Understand Population-Level Physical Activity. *Environment and Planning A* 46:6, 1479-1495. [\[Crossref\]](#)

314. Chantal Julia, Sandrine Péneau, Valentina A. Andreeva, Caroline Méjean, Léopold Fezeu, Pilar Galan, Serge Hercberg. 2014. Weight-Loss Strategies Used by the General Population: How Are They Perceived?. *PLoS ONE* 9:5, e97834. [\[Crossref\]](#)

315. Rebecca L. Pearl, Marney A. White, Carlos M. Grilo. 2014. Weight bias internalization, depression, and self-reported health among overweight binge eating disorder patients. *Obesity* 22:5, E142-E148. [\[Crossref\]](#)

316. Michael S. Merry, Kristin Voigt. 2014. Risk, harm and intervention: the case of child obesity. *Medicine, Health Care and Philosophy* 17:2, 191-200. [\[Crossref\]](#)

317. R.T. Azevedo, E. Macaluso, V. Viola, G. Sani, S.M. Aglioti. 2014. Weighing the stigma of weight: An fMRI study of neural reactivity to the pain of obese individuals. *NeuroImage* 91, 109-119. [\[Crossref\]](#)

318. H Konttila, O Kiviruusu, T Huurre, A Haukkala, H Aro, M Marttunen. 2014. Longitudinal associations between depressive symptoms and body mass index in a 20-year follow-up. *International Journal of Obesity* 38:5, 668-674. [\[Crossref\]](#)

319. Alex Dumas, Jeanne Robitaille, Shannon L Jette. 2014. Lifestyle as a choice of necessity: Young women, health and obesity. *Social Theory & Health* 12:2, 138-158. [\[Crossref\]](#)

320. Andrea E. Bombak. 2014. The "Obesity Epidemic": Evolving Science, Unchanging Etiology. *Sociology Compass* 8:5, 509-524. [\[Crossref\]](#)

321. Paula M. Brochu, John F. Dovidio. 2014. Would You Like Fries (380 Calories) With That? Menu Labeling Mitigates the Impact of Weight-Based Stereotype Threat on Food Choice. *Social Psychological and Personality Science* 5:4, 414-421. [\[Crossref\]](#)

322. David B. Resnik. 2014. Genetics and personal responsibility for health. *New Genetics and Society* 33:2, 113-125. [\[Crossref\]](#)

323. Crystal L. Hoyt, Jeni L. Burnette, Lisa Auster-Gussman. 2014. "Obesity Is a Disease". *Psychological Science* 25:4, 997-1002. [\[Crossref\]](#)

324. Lucas Teghan, Maciej Henneberg. 2014. Body frame variation and adiposity in development, a mixed-longitudinal study of "cape coloured" children. *American Journal of Human Biology* 26:2, 151-155. [\[Crossref\]](#)

325. Theo Lorenc, Kathryn Oliver. 2014. Adverse effects of public health interventions: a conceptual framework. *Journal of Epidemiology and Community Health* 68:3, 288-290. [\[Crossref\]](#)

326. Vanda Yazbeck-Karam, Sola Aoun Bahous, Wissam Faour, Maya Khairallah, Nadia Asmar. 2014. Influence of standardized patient body habitus on undergraduate student performance in an Objective Structured Clinical Examination. *Medical Teacher* 36:3, 240-244. [\[Crossref\]](#)

327. Kristi Lynn Stringer. Stigma, Stress, and Health 2263-2267. [\[Crossref\]](#)

328. Andrea Bombak. 2014. Obesity, Health at Every Size, and Public Health Policy. *American Journal of Public Health* 104:2, e60-e67. [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#) [\[PDF Plus\]](#)

329. Gareth R. Dutton, Tené T. Lewis, Nefertiti Durant, Jewell Halanych, Catarina I. Kiefe, Stephen Sidney, Yongin Kim, Cora E. Lewis. 2014. Perceived weight discrimination in the CARDIA study: Differences by race, sex, and weight status. *Obesity* 22:2, 530-536. [\[Crossref\]](#)

330. Catharine Wang, Erynn S Gordon, Catharine B Stack, Ching-Ti Liu, Tricia Norkunas, Lisa Wawak, Michael F Christman, Robert C Green, Deborah J Bowen. 2014. A randomized trial of the clinical utility of genetic testing for obesity: Design and implementation considerations. *Clinical Trials: Journal of the Society for Clinical Trials* 11:1, 102-113. [\[Crossref\]](#)

331. Ngaire Donaghue. 2014. The Moderating Effects of Socioeconomic Status on Relationships Between Obesity Framing and Stigmatization of Fat People. *Fat Studies* 3:1, 6-16. [\[Crossref\]](#)

332. Andrea E. Bombak. 2014. The Contribution of Applied Social Sciences to Obesity Stigma-Related Public Health Approaches. *Journal of Obesity* 2014, 1-9. [\[Crossref\]](#)

333. Jennifer J. Thomas, Katherine A. Koh, Kamryn T. Eddy, Andrea S. Hartmann, Helen B. Murray, Mark J. Gorman, Stephanie Sogg, Anne E. Becker. 2014. Do DSM-5 Eating Disorder Criteria Overpathologize Normative Eating Patterns among Individuals with Obesity?. *Journal of Obesity* 2014, 1-8. [\[Crossref\]](#)

334. Estela Vilhena, José Pais-Ribeiro, Isabel Silva, Helena Cardoso, Denisa Mendonça. 2014. Predictors of Quality of Life in Portuguese Obese Patients: A Structural Equation Modeling Application. *Journal of Obesity* 2014, 1-9. [\[Crossref\]](#)

335. Eleonora Poggiogalle, Luca Di Lazzaro, Alessandro Pinto, Silvia Migliaccio, Andrea Lenzi, Lorenzo M. Donini. 2014. Health-Related Quality of Life and Quality of Sexual Life in Obese Subjects. *International Journal of Endocrinology* 2014, 1-7. [\[Crossref\]](#)

336. Tracy L. Tylka, Rachel A. Annunziato, Deb Burgard, Sigrún Daniëlsdóttir, Ellen Shuman, Chad Davis, Rachel M. Calogero. 2014. The Weight-Inclusive versus Weight-Normative Approach to Health: Evaluating the Evidence for Prioritizing Well-Being over Weight Loss. *Journal of Obesity* 2014, 1-18. [\[Crossref\]](#)

337. Linda Bacon, Lucy Aphramor. Weight Science 333-363. [\[Crossref\]](#)

338. Maddalena Marini, Natarajan Sriram, Konrad Schnabel, Norbert Maliszewski, Thierry Devos, Bo Ekehammar, Reinout Wiers, Cai Huajian, Mónika Somogyi, Kimihiro Shiomura, Simone Schnall, Félix Neto, Yoav Bar-Anan, Michelangelo Vianello, Alfonso Ayala, Gabriel Dorantes, Jaihyun Park, Selin Kesebir, Antonio Pereira, Bogdan Tulbure, Tuulia Ortner, Irena Stepanikova, Anthony G. Greenwald, Brian A. Nosek. 2013. Overweight People Have Low Levels of Implicit Weight Bias, but Overweight Nations Have High Levels of Implicit Weight Bias. *PLoS ONE* 8:12, e83543. [\[Crossref\]](#)

339. Sarah Frood, Lee M. Johnston, Carrie L. Matteson, Diane T. Finegood. 2013. Obesity, Complexity, and the Role of the Health System. *Current Obesity Reports* 2:4, 320-326. [\[Crossref\]](#)

340. Jacqueline Beadle, Anita Star, Joanna McCormack, Nadia Maartens. 2013. A qualitative examination of young Australian women: Does childhood physical activity participation have a lasting impact on adult women body image?. *Obesity Research & Clinical Practice* 7, e10-e11. [\[Crossref\]](#)

341. Rebecca J Beeken, Jane Wardle. 2013. Public beliefs about the causes of obesity and attitudes towards policy initiatives in Great Britain. *Public Health Nutrition* 16:12, 2132-2137. [\[Crossref\]](#)

342. Hannah Kang, Soontae An. 2013. How Direct-to-Consumer Drug Websites Convey Disease Information: Analysis of Stigma-Reducing Components. *Journal of Health Communication* 18:12, 1477-1491. [\[Crossref\]](#)

343. Mark V. Roehling, Patricia V. Roehling, Maria Fernanda Wagstaff. 2013. Sex Differences in Perceived Weight-Based Employment Discrimination When Weight Discrimination is Illegal. *Employee Responsibilities and Rights Journal* 25:3, 159-176. [\[Crossref\]](#)

344. Jayson L. Lusk, Brenna Ellison. 2013. Who is to blame for the rise in obesity?. *Appetite* 68, 14-20. [\[Crossref\]](#)

345. Sophie Lebel, Andrea Feldstain, Megan McCallum, Sara Beattie, Jonathan Irish, Andrea Bezjak, Gerald M. Devins. 2013. Do behavioural self-blame and stigma predict positive health changes in survivors of lung or head and neck cancers?. *Psychology & Health* 28:9, 1066-1081. [\[Crossref\]](#)

346. Darlene McNaughton. 2013. 'Diabesity' down under: overweight and obesity as cultural signifiers for type 2 diabetes mellitus. *Critical Public Health* 23:3, 274-288. [\[Crossref\]](#)

347. Christina L. Lindhardt, Sune Rubak, Ole Mogensen, Ronald F. Lamont, Jan Stener Joergensen. 2013. The experience of pregnant women with a body mass index >30 kg/m² of their encounters with healthcare professionals. *Acta Obstetricia et Gynecologica Scandinavica* 92:9, 1101-1107. [\[Crossref\]](#)

348. David J. Lick, Laura E. Durso, Kerri L. Johnson. 2013. Minority Stress and Physical Health Among Sexual Minorities. *Perspectives on Psychological Science* 8:5, 521-548. [\[Crossref\]](#)

349. A A Mamun, M J O'Callaghan, G M Williams, J M Najman. 2013. Adolescents bullying and young adults body mass index and obesity: a longitudinal study. *International Journal of Obesity* 37:8, 1140-1146. [\[Crossref\]](#)

350. Jenn Anderson, Mary Bresnahan. 2013. Communicating Stigma About Body Size. *Health Communication* 28:6, 603-615. [\[Crossref\]](#)

351. J. A. Swift, S. Hanlon, L. El-Redy, R. M. Puhl, C. Glazebrook. 2013. Weight bias among UK trainee dietitians, doctors, nurses and nutritionists. *Journal of Human Nutrition and Dietetics* 26:4, 395-402. [\[Crossref\]](#)

352. Katherine Mason. 2013. Social Stratification and the Body: Gender, Race, and Class. *Sociology Compass* 7:8, 686-698. [\[Crossref\]](#)

353. David Tannenbaum, Chad J. Valasek, Eric D. Knowles, Peter H. Ditto. 2013. Incentivizing Wellness in the Workplace. *Psychological Science* 24:8, 1512-1522. [\[Crossref\]](#)

354. Angelina R. Sutin, Antonio Terracciano. 2013. Perceived Weight Discrimination and Obesity. *PLoS ONE* 8:7, e70048. [\[Crossref\]](#)

355. Rebecca Puhl, Joerg Luedicke, Jamie Lee Peterson. 2013. Public Reactions to Obesity-Related Health Campaigns. *American Journal of Preventive Medicine* 45:1, 36-48. [\[Crossref\]](#)

356. Andrea T. Kozak, Christine Nguyen, Brenton R. Yanos, Angela Fought. 2013. Persuading Students to Exercise: What Is the Best Way to Frame Messages for Normal-Weight Versus Overweight/Obese University Students?. *Journal of American College Health* 61:5, 264-273. [\[Crossref\]](#)

357. Rebecca M. Puhl, Joerg Luedicke, Chelsea A. Heuer. 2013. The Stigmatizing Effect of Visual Media Portrayals of Obese Persons on Public Attitudes: Does Race or Gender Matter?. *Journal of Health Communication* 18:7, 805-826. [\[Crossref\]](#)

358. Sarah A. Redsell, Judy A. Swift, Dilip Nathan, A. Niroshan Siriwardena, Philippa Atkinson, Cris Glazebrook. 2013. UK health visitors' role in identifying and intervening with infants at risk of developing obesity. *Maternal & Child Nutrition* 9:3, 396-408. [\[Crossref\]](#)

359. Sharon L. Ruyak, Elizabeth Corwin. 2013. Concept Analysis: Prenatal Obesity, a Psychoneuroimmunology Perspective. *Nursing Forum* 48:3, 174-184. [\[Crossref\]](#)

360. Gordon F. West, Megan R. Hayden, Carla R. Benjamin. 2013. Accuracy of Adults' Perception of Childhood Obesity in a Military Environment. *Public Health Nursing* 30:4, 343-350. [\[Crossref\]](#)

361. Angelina R. Sutin, Paul T. Costa, Wayne Chan, Yuri Milaneschi, William W. Eaton, Alan B. Zonderman, Luigi Ferrucci, Antonio Terracciano. 2013. I Know Not To, but I Can't Help It. *Psychological Science* 24:7, 1323-1328. [\[Crossref\]](#)

362. R Puhl, J L Peterson, J Luedicke. 2013. Fighting obesity or obese persons? Public perceptions of obesity-related health messages. *International Journal of Obesity* 37:6, 774-782. [\[Crossref\]](#)

363. Rebecca M. Puhl, Jamie Lee Peterson, Jenny A. DePierre, Joerg Luedicke. 2013. Headless, Hungry, and Unhealthy: A Video Content Analysis of Obese Persons Portrayed in Online News. *Journal of Health Communication* 18:6, 686-702. [\[Crossref\]](#)

364. D. Graham, A. Edwards. 2013. The psychological burden of obesity: the potential harmful impact of health promotion and education programmes targeting obese individuals. *International Journal of Health Promotion and Education* 51:3, 124-133. [\[Crossref\]](#)

365. Marle dos Santos Alvarenga, Bárbara Hatzlhoffer Lourenço, Sonia Tucunduva Philippi, Fernanda Baeza Scagliusi. 2013. Disordered eating among Brazilian female college students. *Cadernos de Saúde Pública* 29:5, 879-888. [\[Crossref\]](#)

366. Malin Werling, Torsten Olbers, Lars Fändriks, Marco Bueter, Hans Lönnroth, Kaj Stenlöf, Carel W. le Roux. 2013. Increased Postprandial Energy Expenditure May Explain Superior Long Term Weight Loss after Roux-en-Y Gastric Bypass Compared to Vertical Banded Gastroplasty. *PLoS ONE* 8:4, e60280. [\[Crossref\]](#)

367. R Puhl, J L Peterson, J Luedicke. 2013. Motivating or stigmatizing? Public perceptions of weight-related language used by health providers. *International Journal of Obesity* 37:4, 612-619. [\[Crossref\]](#)

368. Virginia M. Quick, Rita McWilliams, Carol Byrd-Bredbenner. 2013. Fatty, Fatty, Two-by-Four: Weight-Teasing History and Disturbed Eating in Young Adult Women. *American Journal of Public Health* 103:3, 508-515. [\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#) [\[PDF Plus\]](#)

369. Lenny R. Vartanian, Joshua M. Smyth. 2013. Primum Non Nocere: Obesity Stigma and Public Health. *Journal of Bioethical Inquiry* 10:1, 49-57. [\[Crossref\]](#)

370. Tamar M.J. Antin, Geoffrey Hunt. 2013. Embodying both stigma and satisfaction: an interview study of African American women. *Critical Public Health* 23:1, 17-31. [\[Crossref\]](#)

371. R. J. Stubbs, J. H. Lavin. 2013. The challenges of implementing behaviour changes that lead to sustained weight management. *Nutrition Bulletin* 38:1, 5-22. [\[Crossref\]](#)

372. Christina C. Wee, Roger B. Davis, Karen W. Huskey, Daniel B. Jones, Mary B. Hamel. 2013. Quality of Life Among Obese Patients Seeking Weight Loss Surgery: The Importance of Obesity-Related Social Stigma and Functional Status. *Journal of General Internal Medicine* 28:2, 231-238. [\[Crossref\]](#)

373. Wendy C. King, Melissa A. Kalarchian, Kristine J. Steffen, Bruce M. Wolfe, Katherine A. Elder, James E. Mitchell. 2013. Associations between physical activity and mental health among bariatric surgical candidates. *Journal of Psychosomatic Research* 74:2, 161-169. [\[Crossref\]](#)

374. Edward H. Ip, Sarah Marshall, Mara Vitolins, Sonia J. Crandall, Stephen Davis, David Miller, Donna Kronner, Karen Vaden, John Spangler. 2013. Measuring Medical Student Attitudes and Beliefs Regarding Patients Who Are Obese. *Academic Medicine* 88:2, 282-289. [\[Crossref\]](#)

375. Victoria Lawson, Jane Wardle. 2013. A qualitative exploration of the health promotion effects of varying body size in photographs analyzed using Interpretative Phenomenological Analysis. *Body Image* 10:1, 85-94. [\[Crossref\]](#)

376. Maria Chondronikola, Labros S. Sidossis, Lisa M. Richardson, Jeff R. Temple, Patricia A. van den Berg, David N. Herndon, Walter J. Meyer. 2013. Impact of Obesity on Body Image Dissatisfaction and Social Integration Difficulty in Adolescent and Young Adult Burn Injury Survivors. *Journal of Burn Care & Research* 34:1, 102-108. [\[Crossref\]](#)

377. Sibylle Adam, Joachim Westenhofer, Birgit Rudolphi, Hanna-Kathrin Kraaibek. 2013. Three- and Five-Year Follow-Up of a Combined Inpatient-Outpatient Treatment of Obese Children and Adolescents. *International Journal of Pediatrics* 2013, 1-15. [\[Crossref\]](#)

378. Judy Anne Swift, Victoria Tischler, Sophie Markham, Ingrid Gunning, Cris Glazebrook, Charlotte Beer, Rebecca Puhl. 2013. Are Anti-Stigma Films a Useful Strategy for Reducing Weight Bias Among Trainee Healthcare Professionals? Results of a Pilot Randomized Control Trial. *Obesity Facts* 6:1, 91-102. [\[Crossref\]](#)

379. Weidong Li, Paul Rukavina. 2012. Including Overweight or Obese Students in Physical Education. *Research Quarterly for Exercise and Sport* 83:4, 570-578. [\[Crossref\]](#)

380. Gabriella E Isma, Ann-Cathrine Bramhagen, Gerd Ahlstrom, Margareta Östman, Anna-Karin Dykes. 2012. Swedish Child Health Care nurses conceptions of overweight in children: a qualitative study. *BMC Family Practice* 13:1. [\[Crossref\]](#)

381. Katrin E Giel, Stephan Zipfel, Manuela Alizadeh, Norbert Schäffeler, Carmen Zahn, Daniel Wessel, Friedrich W Hesse, Syra Thiel, Ansgar Thiel. 2012. Stigmatization of obese individuals by human resource professionals: an experimental study. *BMC Public Health* 12:1. [\[Crossref\]](#)

382. Janice A. Sabin, Maddalena Marini, Brian A. Nosek. 2012. Implicit and Explicit Anti-Fat Bias among a Large Sample of Medical Doctors by BMI, Race/Ethnicity and Gender. *PLoS ONE* 7:11, e48448. [\[Crossref\]](#)

383. Brenda Major, Dina Eliezer, Heather Rieck. 2012. The Psychological Weight of Weight Stigma. *Social Psychological and Personality Science* 3:6, 651-658. [\[Crossref\]](#)

384. Bruce M. Wolfe. 2012. Presidential address—obesity discrimination: what can we do?. *Surgery for Obesity and Related Diseases* 8:5, 495-500. [\[Crossref\]](#)

385. Rebecca Boulos, Emily Kuross Vikre, Sophie Oppenheimer, Hannah Chang, Robin B. Kanarek. 2012. ObesiTV: How television is influencing the obesity epidemic. *Physiology & Behavior* 107:1, 146-153. [\[Crossref\]](#)

386. 2012. The Unequal Weight of Discrimination. *Social Problems* 59:3, 411-435. [\[Crossref\]](#)

387. D. S. Goldberg. 2012. Social Justice, Health Inequalities and Methodological Individualism in US Health Promotion. *Public Health Ethics* 5:2, 104-115. [\[Crossref\]](#)

388. Nicolas Rasmussen. 2012. Weight stigma, addiction, science, and the medication of fatness in mid-twentieth century America. *Sociology of Health & Illness* 34:6, 880-895. [\[Crossref\]](#)

389. Jennifer A. Harriger, J. Kevin Thompson. 2012. Psychological consequences of obesity: Weight bias and body image in overweight and obese youth. *International Review of Psychiatry* 24:3, 247-253. [\[Crossref\]](#)

390. Christine A. Smith. 2012. The Confounding of Fat, Control, and Physical Attractiveness for Women. *Sex Roles* 66:9-10, 628-631. [\[Crossref\]](#)

391. A. J. Garber. 2012. Obesity and type 2 diabetes: which patients are at risk?. *Diabetes, Obesity and Metabolism* 14:5, 399-408. [\[Crossref\]](#)

392. Claudia Sikorski, Christiane Riedel, Melanie Lupp, Beate Schulze, Perla Werner, Hans-Helmut König, Steffi G Riedel-Heller. 2012. Perception of overweight and obesity from different angles: A qualitative study. *Scandinavian Journal of Public Health* 40:3, 271-277. [\[Crossref\]](#)

393. Ashley N. Gearhardt, Marie A. Bragg, Rebecca L. Pearl, Natasha A. Schvey, Christina A. Roberto, Kelly D. Brownell. 2012. Obesity and Public Policy. *Annual Review of Clinical Psychology* 8:1, 405-430. [\[Crossref\]](#)

394. Mark D. Siegel. Ethical Considerations in the Critically Ill Obese Patient 218-224. [\[Crossref\]](#)

395. Erika Blacksher, Gina S. Lovasi. 2012. Place-focused physical activity research, human agency, and social justice in public health: Taking agency seriously in studies of the built environment. *Health & Place* 18:2, 172-179. [\[Crossref\]](#)

396. NATASHA W. RANDLE. 2012. Can Generalized Self-Efficacy Overcome the Effects of Workplace Weight Discrimination?. *Journal of Applied Social Psychology* 42:3, 751-775. [\[Crossref\]](#)

397. Anne Kouvonnen, Judy Anne Swift, Mai Stafford, Tom Cox, Jussi Vahtera, Ari Väänänen, Tarja Heponiemi, Roberto De Vogli, Amanda Griffiths, Mika Kivimäki. 2012. Social Participation and Maintaining Recommended Waist Circumference. *Journal of Aging and Health* 24:2, 250-268. [\[Crossref\]](#)

398. Kristen E. D'Anci. Reduced-Calorie Diets and Mental Performance in Adults 179-192. [\[Crossref\]](#)

399. Meghan M. Sinton, Andrea B. Goldschmidt, Vandana Aspen, Kelly R. Theim, Richard I. Stein, Brian E. Saelens, Leonard H. Epstein, Denise E. Wilfley. 2012. Psychosocial Correlates of Shape and Weight Concerns in Overweight Pre-Adolescents. *Journal of Youth and Adolescence* 41:1, 67-75. [\[Crossref\]](#)

400. Susan Letvak, Christopher J. Ruhm, Thomas McCoy. 2012. Depression in Hospital-Employed Nurses. *Clinical Nurse Specialist* 26:3, 177-182. [\[Crossref\]](#)

401. Jessica Parr, Nicolas Rasmussen. Making Addicts of the Fat: Obesity, Psychiatry and the 'Fatties Anonymous' Model of Self-Help Weight Loss in the Post-War United States 181-200. [\[Crossref\]](#)

402. Shelly Russell-Mayhew, Gail McVey, Angela Bardick, Alana Ireland. 2012. Mental Health, Wellness, and Childhood Overweight/Obesity. *Journal of Obesity* 2012, 1-9. [\[Crossref\]](#)

403. C. M. Durward, T. J. Hartman, S. M. Nickols-Richardson. 2012. All-Cause Mortality Risk of Metabolically Healthy Obese Individuals in NHANES III. *Journal of Obesity* 2012, 1-12. [\[Crossref\]](#)

404. Jenny A. DePierre, Rebecca M. Puhl. 2012. Experiences of Weight Stigmatization: A Review of Self-Report Assessment Measures. *Obesity Facts* 5:6, 897-918. [\[Crossref\]](#)

405. Anders Lindelof, Claus Vinther Nielsen, Birthe D. Pedersen. 2011. Obesity Stigma at Home: A Qualitative, Longitudinal Study of Obese Adolescents and Their Parents. *Childhood Obesity* 7:6, 462-474. [\[Crossref\]](#)

406. C. Peter Herman, Janet Polivy. 2011. Self-Regulation and the Obesity Epidemic. *Social Issues and Policy Review* 5:1, 37-69. [\[Crossref\]](#)

407. Helen L Walls, Anna Peeters, Joseph Proietto, John J McNeil. 2011. Public health campaigns and obesity - a critique. *BMC Public Health* 11:1. . [\[Crossref\]](#)

408. Claudia Sikorski, Melanie Lupp, Marie Kaiser, Heide Glaesmer, Georg Schomerus, Hans-Helmut König, Steffi G Riedel-Heller. 2011. The stigma of obesity in the general public and its implications for public health - a systematic review. *BMC Public Health* 11:1. . [\[Crossref\]](#)

409. Linda Bacon, Lucy Aphramor. 2011. Weight Science: Evaluating the Evidence for a Paradigm Shift. *Nutrition Journal* 10:1. . [\[Crossref\]](#)

410. Jenny O'Donnell, Tracy A. Weitz, Lori R. Freedman. 2011. Resistance and vulnerability to stigmatization in abortion work. *Social Science & Medicine* 73:9, 1357-1364. [\[Crossref\]](#)

411. Rebecca M. Puhl, Joerg Luedicke, Cheslea Heuer. 2011. Weight-Based Victimization Toward Overweight Adolescents: Observations and Reactions of Peers. *Journal of School Health* 81:11, 696-703. [\[Crossref\]](#)

412. Qunyan Xu, Debra Anderson, Janine Lurie-Beck. 2011. The relationship between abdominal obesity and depression in the general population: A systematic review and meta-analysis. *Obesity Research & Clinical Practice* 5:4, e267-e278. [\[Crossref\]](#)

413. Patricia Drew. 2011. "But Then I Learned...": Weight loss surgery patients negotiate surgery discourses. *Social Science & Medicine* 73:8, 1230-1237. [\[Crossref\]](#)

414. Chelsea A. Heuer, Kimberly J. McClure, Rebecca M. Puhl. 2011. Obesity Stigma in Online News: A Visual Content Analysis. *Journal of Health Communication* 16:9, 976-987. [\[Crossref\]](#)

415. Rebecca M. Puhl. 2011. Weight Stigmatization Toward Youth: A Significant Problem in Need of Societal Solutions. *Childhood Obesity* 7:5, 359-363. [\[Crossref\]](#)

416. Kristin Voigt, Harald Schmidt. 2011. Gastric Banding: Ethical Dilemmas in Reviewing Body Mass Index Thresholds. *Mayo Clinic Proceedings* 86:10, 999-1001. [\[Crossref\]](#)

417. Uwe Berger, Katharina Wick, Christina Brix, Bianca Bormann, Melanie Sowa, Dominique Schwartze, Bernhard Strauss. 2011. Primary prevention of eating-related problems in the real world. *Journal of Public Health* 19:4, 357-365. [\[Crossref\]](#)

418. Daniel S. Goldberg. 2011. What Kind of People: Obesity Stigma and Inequities. *The American Journal of Medicine* 124:8, 788. [\[Crossref\]](#)

419. Bradley M. Appelhans, Matthew C. Whited, Kristin L. Schneider, Sherry L. Pagoto. 2011. Time to Abandon the Notion of Personal Choice in Dietary Counseling for Obesity?. *Journal of the American Dietetic Association* 111:8, 1130-1136. [\[Crossref\]](#)

420. Melissa A. Wright, Anava A. Wren, Tamara J. Somers, Mark C. Goetz, Anne Marie Fras, Billy K. Huh, Lesco L. Rogers, Francis J. Keefe. 2011. Pain Acceptance, Hope, and Optimism: Relationships to Pain and Adjustment in Patients With Chronic Musculoskeletal Pain. *The Journal of Pain* . [\[Crossref\]](#)

421. Sean M. Phelan, Joan M. Griffin, Wendy L. Hellerstedt, Nina A. Sayer, Agnes C. Jensen, Diana J. Burgess, Michelle van Ryn. 2011. Perceived stigma, strain, and mental health among caregivers of veterans with traumatic brain injury. *Disability and Health Journal* 4:3, 177-184. [\[Crossref\]](#)

422. R M Puhl, C Heuer, V Sarda. 2011. Framing messages about weight discrimination: impact on public support for legislation. *International Journal of Obesity* 35:6, 863-872. [\[Crossref\]](#)

423. Kimberly J. McClure, Rebecca M. Puhl, Chelsea A. Heuer. 2011. Obesity in the News: Do Photographic Images of Obese Persons Influence Antifat Attitudes?. *Journal of Health Communication* 16:4, 359-371. [\[Crossref\]](#)

424. Amanda Kraha, Adriel Boals. 2011. Parents and Vehicle Purchases for Their Children: A Surprising Source of Weight Bias. *Obesity* 19:3, 541-545. [\[Crossref\]](#)

425. Scott E. Porter, Victoria A. Catenacci. 2011. Office and Hospital Needs. *Orthopedic Clinics of North America* 42:1, 1-9. [\[Crossref\]](#)

426. Rebecca M. Puhl, Chelsea A. Heuer. 2011. Public Opinion About Laws to Prohibit Weight Discrimination in the United States. *Obesity* 19:1, 74-82. [\[Crossref\]](#)

427. Melinda J Ickes. 2011. Stigmatization of Overweight and Obese Individuals: Implications for Mental Health Promotion. *International Journal of Mental Health Promotion* 13:3, 37-45. [\[Crossref\]](#)

428. Robert H. Lustig. 2010. Fructose: Metabolic, Hedonic, and Societal Parallels with Ethanol. *Journal of the American Dietetic Association* 110:9, 1307-1321. [\[Crossref\]](#)