

1 **Moving Beyond the Image: Theorising ‘extreme’ female bodies**

2 Since their entry onto the competitive scene in 1977, female bodybuilders have
3 been the subject of sustained debate among scholars from a range of disciplines.
4 Within this body of literature, discourses are polarised and offer two opposing
5 representations of the female bodybuilder; one of resistance and one of
6 compliance. This bifurcation of discourse, we argue, is symptomatic of a more
7 general occularcentric tradition within theorising on ‘extreme’ or transgressive
8 female bodies. In this article, we unpack these disparate perspectives and by
9 drawing on research relating to anorexia and fat studies we advocate for an
10 alternative theoretical space, premised on the affectual relationality/co-
11 constitution of materiality and representation, from which to approach female
12 bodybuilding as a corporeal practice. Moreover, we propose that by developing
13 an interdisciplinary approach to female corporeality (muscularity, thinness,
14 fitness etc.), we can dismantle unproductive and ontologically redundant
15 divisions which segregate and silo feminist writing on embodiment.

16 Keywords: Embodiment, occularcentrism, female bodybuilding, fat, anorexia,
17 theory.

18 **Introduction**

19 During the past 30 years, in conjunction with the ‘corporeal turn’ in sociology and
20 associated disciplines, feminist philosophies of the body have significantly advanced
21 theoretical understandings of the interplay between materiality, subjectivity,
22 representation and identity. This cache of research has been instrumental in
23 problematising ideologies regarding the ‘naturalness’ of bodies, particularly in relation
24 to sex and gender, in addition to integrating the corporeal into areas of scholarship
25 where the body was previously an ‘absent present’ (Blackman 2012). Within this
26 growing field, research on visually transgressive modes of embodiment has proliferated.
27 As Dworkin argued at the start of the 21st century, ‘in the last decade a growing number
28 of studies have examined women's bodies at the “extremes”. That is, there are more
29 works on female bodybuilders on the one hand, and anorexics on the other’ (2001, 335).

1 Female bodybuilding, as an ‘extreme’ mode of embodiment, has become an
2 exemplar case for thinking about the potential for female bodies to materially and
3 symbolically disturb phallogocentric binaries, such as that of nature/culture,
4 masculine/feminine, mind/body, and so on (Johnston 1996; Witz 2000). Similarly, due
5 to what Warin refers to as ‘the spectacle of thinness’ (2004, 93) research on anorexia
6 has held public and academic fascination since the colonisation of eating disorders by
7 the medical sciences from the 1970s onwards (Bordo 1993). More recently, ‘fat studies’
8 has become an independent field of study in and of itself. This collection of literature
9 comprises interdisciplinary works on the phenomenology of fat as a lived experience, as
10 well as the role of social, cultural, historical and political realities on representations of
11 fatness. For fat scholars, living as fat is seen to produce a ‘unique epistemological
12 perspective’ (Nash 2008, 3). In this regard, fat studies literature, which intersects with
13 political movements such as fat activism, seeks to establish a discourse around fatness
14 as a marginalised category of identity. Crucially, these three fields of study have
15 historically shared a concomitant tendency to privilege visual metaphors for knowledge
16 (Brain 2002; Probyn 2008). This bias is formally termed ‘ocularcentrism’.

17 In this paper, we argue that literature on female bodybuilding, as an ‘extreme’
18 mode of embodiment, relies on representational cultural scripts as the point of entry and
19 as a result remains contained and constrained within the binary logic of resistance and
20 compliance. By drawing on literature from postfeminism, anorexia research, and fat
21 studies, which have encountered and overcome similar challenges, we discuss the
22 potential for dismantling polarised constructions of female bodybuilders. In doing so,
23 we explore the ways in which discourses on visually transgressive female bodies offer
24 interdisciplinary frameworks through which to ontologically shift the focus in
25 bodybuilding research and scholarship on female embodiment more broadly. In what

1 follows, we begin by presenting a review of the extant literature on female
2 bodybuilding, drawing attention to the ways in which occularcentric readings of this
3 corporeal practice bifurcate and become framed in terms of resistance/compliance. After
4 identifying and outlining this problem within the female bodybuilding literature, the
5 second half of the article is dedicated to potential theoretical solutions. First, we
6 consider the merits of applying postfeminist thought to the dual framing of female
7 bodybuilders. Specifically, we highlight the value of postfeminism in theoretically
8 integrating cultural/representational critique, subjective experience, and embodiment.
9 We then turn to literature from anorexia research and fat studies to highlight the ways in
10 which other visually transgressive modes of embodiment have negotiated, and
11 overcome, similar challenges. Finally, in an effort to ‘move beyond the image’ and
12 develop an interdisciplinary space for thinking about visually differing subjectivities,
13 we draw on theoretical concepts proposed by scholars of postfeminism, anorexia
14 research, and fat studies and apply them to female bodybuilding.. Further research is
15 needed to apply these frameworks within an empirical context.

16 **Female bodybuilding**

17 Female bodybuilders have been extensively written about by feminists and social
18 theorists since they were permitted to compete at the elite level in 1977. In a
19 1998 *Lingua Franca* article, Emily Nussbaum suggests that literature on bodybuilding
20 has become a field of study in and of itself. She writes, ‘bodybuilding and weightlifting
21 studies fit right into several current academic trends: the hot new field of sports history
22 and sociology, body studies in general, and queer and feminist explorations of
23 androgyny and gender bending’ (Nussbaum 1998, no page numbers). In particular, the
24 well-muscled female body has attracted attention from feminist scholars, who remain

1 fascinated by the semiotic transformations made possible by women harnessing strength
2 and muscularity.

3 The visual spectacle created by these muscular bodies divides feminist scholars
4 in such a way that two oppositional understandings and discourses on the female
5 bodybuilder have emerged. For some, the ‘cult of muscle’ (Mitchell 1987, 161)
6 represents a damaging assault on feminine embodiment, with proponents of this
7 discourse drawing attention to the problematic practices of ritual and regulatory self-
8 surveillance observed by women within this sport. This approach reflects a concern for
9 the inscription of hegemonic power on (and through) women’s bodies and is heavily
10 derivative of Foucault’s (1977) work on docile bodies and governmentality. In this
11 conceptualisation, female bodybuilders are enslaved by a panoptic desire to discipline
12 their bodies and do so by compulsively weight training and ridding themselves of
13 fat. Due to its privileging of discourse and exterior determination, we refer to this
14 narrative as ‘poststructuralist’ throughout.

15 However, for others, female bodybuilding is lauded as transformative to the
16 feminist project, with Gloria Steinem, boldly claiming, ‘I’ve gradually come to believe
17 that society’s acceptance of muscular women may be one of the most intimate, visceral
18 measures of change’ (1994, 97). This counter-discourse depicts female bodybuilding,
19 then, as an empowering, subversive, and positively feminist activity. This narrative
20 seeks to reclaim embodied agency within feminist depictions of the female bodybuilder
21 and identifies the transformative potential in this visually transgressive mode of
22 corporeality. We refer to this discourse as ‘self-determinist’ throughout, due to its
23 emphasis on autonomy and agency.

24 Significantly, the juxtaposition of these two disparate readings of female
25 bodybuilding continues to frame debate on this topic. Some important feminist analyses

1 in this area have, for example, been titled, *The paradox of pumping iron: Female*
2 *bodybuilding as resistance and compliance* (Shea 2001), *Women's Bodybuilding:*
3 *Feminist Resistance and/or Femininity's Recuperation?* (St Martin and Gavey 1996),
4 *Flex-rated! Female bodybuilding: feminist resistance or erotic spectacle?* (Richardson
5 2008), reproducing this polarised discourse in which female bodybuilders are portrayed
6 as resistant or compliant, empowered or controlled, activists or slaves (Boyle 2005;
7 Johnston 1996). Underpinning both discourses is an overreliance on the visual spectacle
8 of muscularity and the visceral response it elicits from various audiences.

9 There is also a wealth of literature on male bodybuilding, which has contributed
10 significantly to understandings of the sport (for both sexes) and its place in
11 contemporary culture (Klein 1993; Monaghan 2001). Often written in conversation with
12 theories of 'hegemonic masculinity' (Carrigan et al 1985), this literature explores
13 bodybuilding industry (Vallet 2017), steroid use (Monaghan 2001), body image and
14 eating disorders (Mosley 2009). While this work offers important insights into
15 bodybuilding from a male perspective, the resistance/compliance framework, which is a
16 significant focus of this article, does not frame debate in a similar way to work on their
17 female counterparts. This is perhaps because male bodybuilding is not immediately
18 considered transgressive, and instead aligns with a version (albeit extreme) of the
19 hegemonic physical ideal for men. Because of this, female bodybuilding will be the
20 focus of this article.

21 It is noteworthy that we refer to image, the visual, representation and semiotics
22 interchangeably throughout. In doing so we seek to convey the scholarly fascination
23 with what non-hegemonic bodies 'look like' and the concomitant tendency for
24 researchers to use this visual information to infer meaning regarding how bodies are
25 subjectively experienced. It could be argued that this is particularly prevalent within

1 literature on bodybuilding, due to the inherently aesthetic nature of the sport and the
2 relationship between competitive success and the body's appearance. Thus, an
3 audience-spectacle dynamic is reproduced within scholarship. However, this becomes
4 problematic when subjectivity and embodiment are at stake, particularly as competitions
5 are one moment in the lives/careers of a bodybuilder. Embodied sensations such as the
6 mingled pleasure and pain of muscle soreness, gym clothes sticking to the body, the
7 heady buzz of pre-workout, and the rushing of endorphins are rarely touched upon. In
8 this sense, while much of the literature on bodybuilding utilises interview and
9 ethnographic methods to understand subjective experiences within the sport, there is a
10 tendency to slip into theorising about what muscles represent/signify over how they are
11 built. We contend that attempting to understand affectual aspects of experience by
12 reading off the surface of the body is a thoroughly disembodied line of enquiry. The aim
13 of this article is to shift the focus away from what bodies look like and towards how
14 bodies *feel*.

15 In what follows, we demonstrate that by focusing on the visual spectacle
16 produced by the female bodybuilder's muscularity, feminist discourses bifurcate and
17 reproduce poststructuralist/self-determinist modalities. We discuss this divergence in
18 relation to three key themes, which we have identified within the extant literature. These
19 are 1) bodywork and self-surveillance, 2) aesthetics, and 3) agency. Finally, we
20 articulate some opportunities for divergence from the phallogocentric duality presented
21 here, by turning to literature on postfeminism, followed by anorexia and fatness.

22 ***Bodywork and self-surveillance***

23 Female bodybuilding can be characterized as a 'body technology that involves the
24 building of muscle through hard work lifting weights' (Wesely 2001, 162), and a toned,
25 muscular body cannot be achieved through any means other than strict dietary and

1 exercise practices. In this respect, bodybuilding is characteristic of what Shilling (1993)
2 refers to as a ‘body project’, in the sense that engagement with the sport reflects
3 ‘attempts to construct and maintain a coherent and viable sense of self-identity through
4 attention to the body, particularly the body’s surface’ (Gill et al. 2005, 40). As a result,
5 muscularity is often perceived to represent discipline, self-mastery and continuous
6 work.

7 Poststructuralist and self-determinist discourses differ in their reading of female
8 bodybuilding as an inherently self-regulatory sport. Feminist poststructuralists make
9 sense of the symbolic asceticism associated with female muscularity by drawing on
10 Foucault's (1977) concepts of governmentality and panopticism. These scholars reflect a
11 concern for the female bodybuilder, whose practices of bodily self-surveillance appear
12 problematically similar to women with eating disorders (Bordo 1993; Marzano-Parisoli
13 2001, Mitchell 1987). Mitchell, who describes female bodybuilding as ‘a kind of
14 “macho” anorexia’ (1987, 160), posits that the sustained and unabating self-regulation
15 required within this sport are pernicious manifestations of patriarchal power, which seek
16 to subjugate and control women’s bodies. It is noteworthy that scholars within this
17 tradition frequently mobilise the 1970s Foucault of *Discipline and Punish*, whose
18 concern was, as Kruks puts it, ‘less on the “care” of the self than on the “anatomopolitical”
19 production of the self’ (2001, 54). In this regard, feminist poststructuralist
20 readings of female bodybuilding, while persuasive in their critique of the panopticisms
21 of the everyday, lack any sense of an interiority of the self. Thoughts and feelings
22 relating to the performance of (and compliance with) these acts of self-discipline are
23 problematically omitted from this narrative.

24 Conversely, self-determinist literature frames female bodybuilders’ engagement
25 with self-surveillance in terms of its subjective significance. Tate writes, ‘if a woman is

1 for herself, she has power to control nature, to define herself, within her own personally
2 defined boundaries ... she rejects the phallus and actively challenges the gaze of the
3 other' (1999, 46). In this interpretation, agency and subjective attribution of meaning
4 are central concerns, and while 'the gaze' remains manifested in practices of self-
5 regulation, its origin is not patriarchal discourse but the feminine subject herself.
6 However, as has been noted by many bodybuilding scholars, the body imaginary being
7 pursued by women within this sport is heavily influenced by competitive judging
8 standards and sub-cultural ideals, which centralise normative femininity (Lowe 1998;
9 Obel 1996; St Martin and Gavey 1996). Indeed, many female bodybuilders take a
10 Beckarian 'career' approach to the sport (Coquet et al. 2016; Roussel & Griffet 2000),
11 under such circumstances, feminine presentation is a professional necessity. In this
12 regard, creating the ideal physique is a process which is, at least in part, directed by the
13 patriarchal institutions that govern the sport's aesthetic standards (Bell 2008; Obel
14 1996). It is noteworthy to add that there are other sports that require the development of
15 'extreme' bodies for competitive success, such as sumo wrestling (Kanezaki 1991) or
16 ultra-marathon running (Hanold 2010). Examples of such extreme sports can perhaps
17 lend weight to Anderson's (2009) notion of sport as a 'near-total institution', whereby
18 the focus is on glory, patriotism, corporeal discipline, and therefore individual agency is
19 suppressed. The 'win at all costs' sporting ethic may be in part responsible for athletes
20 in extreme sports being prepared to push their bodies to the limits and in doing so
21 creating bodies which do not fit within wider cultural and gendered norms.

22 *Aesthetics*

23 Much like the dual framing of self-surveillance, feminist analyses of the aesthetic
24 components of female bodybuilding are equivocal. As St Martin and Gavey observe,
25 'muscles on women clearly have meaning, but exactly what they mean and how they are

1 valued is not agreed upon even among feminists' (1996, 47). Muscularity in excess of
2 what is considered normatively acceptable for women transgresses social boundaries,
3 and as a result, stigma and shaming from partners, family, colleagues and the public, are
4 common themes that arise from empirical research and writing on female bodybuilding
5 (Felkar 2015; Lowe 1998; Shilling and Bunsell 2009; Tate 1999). However, it is
6 suggested by many poststructuralists that a built body is no longer transgressive of
7 gender boundaries, to the contrary, they suggest that a toned, athletic, muscular female
8 body is exemplary of the modern feminine ideal (Dworkin and Heywood 2003;
9 Marzano Parisoli 2001). Moreover, some authors within the poststructuralist tradition go
10 as far as to suggest that the female bodybuilder's seemingly uncritical consumption and
11 reproduction of hegemonic representations of beauty is pathological in nature
12 (Marzano-Parisoli 2001; Mitchell 1987). They posit that bodybuilders' desire to act
13 upon the body, mirrors that of individuals with anorexia, differing only in its practical
14 and visual manifestations. In this regard, Bordo argues that women with anorexia and
15 female bodybuilders are 'united in battle against a common platoon of enemies: the soft,
16 the loose; unsolid, excess flesh' (1990, 90).

17 For self-determinists, however, bodybuilding occupies a space of feminist
18 resistance, with the transgressive potential for women to subvert gender norms and
19 beauty ideals by embracing muscularity and occupying traditionally masculine modes
20 of physicality (Bell 2008; Shilling and Bunsell 2009). In this regard, Tate writes, 'in
21 challenging the phallus directly through the creation of bodies which incorporate and
22 eroticize "the masculine", women go some way towards transforming the beauty model'
23 (2001, 34). Additionally, Obel contends that, as well as challenging traditional gender
24 structures, female bodybuilding disrupts nature/culture binaries and has the power to
25 'bring about changes in perceptions of the "nature" of bodies"' (1996, 196). In this

1 logic, by unequivocally framing the female bodybuilder as resistant, her body becomes
2 an ideological tool through which binaries and aesthetic ideals are disturbed and
3 challenged.

4 Both poststructuralist and self-determinist perspectives, though, offer overly
5 simplistic accounts of the aesthetic components of female bodybuilding. On the one
6 hand, poststructuralist claims that female bodybuilders are unthinking victims of the
7 latest fads in female beauty, fail to account for the affectual and embodied dimensions
8 of muscle building, such as visceral and interoceptive experiences of strength. On the
9 other hand, self-determinist narratives reductively position muscularity as an inherently
10 subversive corporeal expression. However, there is a wealth of research into female
11 bodybuilding (and women's sport more generally) which documents women's careful
12 negotiation of the 'glass ceiling' of muscularity, which prohibits athletes from
13 becoming 'too' muscular (Choi 2003; Dworkin 2001; Wesely 2001). Therefore, the
14 picture painted of female bodybuilders within this narrative, as women flagrantly
15 transgressing gender norms and unashamedly taking up space, too uncritically accepts
16 the female bodybuilder to be exemplary of radical feminist embodiment. In both
17 instances, poststructuralists and self-determinists project meaning onto female
18 muscularity, in service of their differing political and theoretical agendas. Crucially,
19 neither sufficiently engages with bodybuilding as a consciously and subjectively
20 mediated activity and identity.

21 *Agency*

22 The most significant and yet under acknowledged theme that underpins the bifurcation
23 of poststructuralist and self-determinist discourses, is scholarly attempts to 'read'
24 agency and resistance off the surface of the body. In this regard, the

1 discourse mobilised by poststructuralists is contained and constrained by
2 what McNay refers to as ‘the negative paradigm of subjectification’ (2003, 140),
3 whereby the feminine subject is passively, symbolically and discursively
4 constructed. In the poststructuralist view, external determination is overemphasised,
5 and the subjectively mediated negotiation of discourse is overlooked. This theoretical
6 disposition results in representations of the female bodybuilder as unconsciously
7 responding to systems of values, devoid of agency, and totally unaware of
8 her own imprisonment. The tendency for poststructuralist scholars to reproduce these
9 narrow visions of women’s agency, is referred to by Cairns and Johnston as ‘the
10 Foucault machine tendency’, whereby authors take a feminine embodied practice such
11 as wearing make-up, working out, dieting or body hair maintenance and ‘churn out pre-
12 set governmentality explanation’ (2015, 157). It must be noted that this tendency within
13 academic texts on feminine embodiment reveals a particularly shallow reading of
14 Foucault’s work on power and surveillance.

15 For self-determinists, female bodybuilding holds this empowering
16 and liberatory potential. In this respect, female bodybuilding contains the promise of
17 resistance, and divergence from normative feminine scripts into
18 terrain which is radically new and unchartered. However, within this discourse, agency
19 is overemphasised, and the female bodybuilder becomes tokenised and deployed in the
20 furtherance of feminist ideology. Moreover, mobilising the body as an instrument
21 of political and symbolic warfare against patriarchy in service of ‘dismantling
22 essentialism, deconstructing dualisms [and] emphasising fluidity’ (Davis 2007,
23 54), problematically strips the body of its sensory and fundamentally human
24 characteristics. The body as a sentient, feeling organism is entirely absent from
25 this framing. In this regard, attempts to read the inscription of power and politics off the

1 surface of the body, renders the female bodybuilder static and disembodied (Davis
2 2007; Probyn 2008). Emblematic of this field of research is ‘the displacement of the
3 "creative role" from the subject to discursive systems, and the erasure of those
4 emotional and affective aspects of subjectivity that are not easily amenable to discursive
5 articulation’ (Kruks 2001, 16).

6 *Postfeminism and female subjectivity*

7 Before moving on to the crux of this paper, which is concerned with bringing
8 together literature from female bodybuilding, anorexia research and fat studies to ‘move
9 beyond the image’, it is important to note the significant opportunities offered by post-
10 feminist scholarship to overcome resistance/compliance frameworks. McRobbie defines
11 of postfeminism as- ‘an active process by which feminist gains of the 1970s and 80s
12 come to be undermined... while simultaneously appearing to be engaging in a well-
13 informed and even well-intended response to feminism’ (2004, 255). Significantly,
14 postfeminist scholarship offers exciting opportunities for body studies, due to its
15 engagement with how female subjects navigate and make sense of the themes discussed
16 above (i.e. body-work, aesthetics, agency) (Gill 2007; Evans and Riley 2014; Marshall
17 et al 2018). For example, in their application of postfeminism to online female
18 bodybuilding cultures, Marshall and colleagues write, ‘through consciously critiquing
19 the (self-)surveillance being enacted over their bodies on Instagram, female
20 bodybuilders are able to make negotiations which involve simultaneously conforming to
21 the ideal body of (hetero)normative femininity while maintaining a sense of strength,
22 independence, and empowerment through muscularity’ (2018, 18). By focusing on self-
23 representation and the strategic engagement with discourse, postfeminist work ties
24 together a nuanced account of embodiment, subjectivity and discourse, without
25 overemphasising either structure or agency.

1 When considering applying a postfeminist lens to female bodybuilding to
2 address the problems we have outlined above, it is worthwhile to reflect on other
3 examples where this integration of both agency and structure has advanced feminist
4 thinking (Gill 2007). In our view, debates regarding the sexualisation of women in
5 contemporary culture have particularly benefitted from such an approach (Evans and
6 Riley 2014; Gill 2012). By interrogating, not only representation and its visible
7 ‘effects’, but also the subjective attribution of meaning, Gill (2012) and others have
8 developed an understanding of how specific discourses (such as that of ‘empowerment’)
9 function in the reproduction of a specific kind of sexualised self-representation. In this
10 regard, postfeminist scholarship often asks questions such as; how do women situate
11 their own lives and experiences in relation to wider cultural forces? This line of enquiry,
12 which places a greater emphasis on the interiority of the self than the surface of the
13 body, is successful in being critical of broader cultural forces that may guide action,
14 whilst also refraining from positioning women as passive or subjugated ‘cultural dupes’.
15 This approach is sorely needed within scholarship on ‘extreme’ female bodies.
16 However, with the notable exception of work by Marshall and colleagues (2018), there
17 is a dearth of research which applies this line of thinking to the embodied process and
18 practice of female bodybuilding.

19 **The visual spectacle (bodybuilding, anorexia, fatness)**

20 Much like literature on female bodybuilding, feminist research on anorexia and fat
21 studies is often preoccupied at the level of cultural inscription (Brain, 2002; Probyn,
22 2008; Warin, 2004). Questions frequently asked, directly or indirectly, include; can
23 these bodies be considered radical political projects? Is muscularity/thinness/fatness a
24 form of embodied resistance? Do overtly muscular/thin/fat women pose a challenge to
25 hegemonic femininity and patriarchal constructs? Alternatively, are muscular/thin/fat

1 women at the whim of patriarchal discourse, exhibiting either too much control, or not
2 enough? It is these narratives regarding resistance and compliance which female
3 bodybuilding, anorexia research and fat studies share, and which are intimately
4 connected to the visual spectacle produced by these bodies. As Brain writes, ‘this
5 tendency to read meaning off the body’s surface constrains debate around a series of
6 polarised judgements based on the visual... whether figured as ‘overconformist’ as
7 opposed to “deviant”’ (2002, 153). In what follows, we critically examine the ways in
8 which scholarship on 1) anorexia and 2) fatness contains similar challenges to those
9 presented in female bodybuilding literature, and therefore offer mutual solutions.

10 *Anorexia*

11 While female bodybuilders’ transgressive muscularity provides ample material for
12 scholarly debate, a salient and almost eclipsing element within eating disorder research
13 is what Warin refers to as ‘the spectacle of thinness’ (2004, 95). Since the colonisation
14 of eating disorders by western medicine from the 1970s, anorexia has garnered
15 seemingly inexhaustible attention from academe, and cultural feminist scholars in
16 particular (Ferreday 2012; Warin 2004). While anorexia is certainly a serious illness,
17 worthy of thorough exploration, it is telling that despite being the least prevalent eating
18 disorder in the UK (behind eating disorder not otherwise specified [EDNOS], binge
19 eating disorder, and bulimia) it has been subject to the most active and sustained interest
20 from cultural theorists (Solmi et al. 2014).

21 This fascination with the emaciated body is not new or specific to the current
22 socio-cultural climate. Warin (2004) has written on the public’s fascination with thin
23 bodies, dating back to Europe’s carnival and circus culture. Additionally, Gooldin
24 (2003) details the spectacle created by ‘living skeletons’ and ‘hunger artists’ of the 18th
25 and 19th centuries, who were said to symbolise religious piety and extreme self-control.

1 To liken self-starvation of this kind to modern presentations of anorexia would be to
2 reductively extract the practice of non-eating from its socio-historical moment, which is
3 not our intention and belongs to a discussion outside of the remit of this article
4 (Brumburg 1985). What is clear, however, is that ‘extreme’ thinness has held the
5 attention of public discourse and academic writing for a sustained period and to a
6 greater degree than other eating disorders (Malson 1998; Squire 2003). Moreover, in the
7 present, the mass media is complicit in feeding cultural appetites for the emaciated
8 female body, by inexhaustibly producing images designed to provoke reactions of
9 ‘simultaneous horror and fascination’ (Warin 2004, 96).

10 Feminist theorists have dedicated a great deal of energy towards deconstructing
11 the meaning behind the thin body and the drive for thinness (Hesse-Biber et al. 2006).
12 Bordo’s (1993) *The Unbearable Weight* is perhaps the most prolific of these accounts.
13 However, there is a problematic tendency within feminist scholarship to paint anorexic
14 women as emblematic of western women’s struggles with patriarchal conditions. As
15 Brain describes, ‘feminist cultural theorists’ arguments about anorexia as a metaphor for
16 the condition of Western women, and feminist corporeal theorists’ readings of anorexia
17 as a synecdoche for gender oppression, privilege the visual body at the expense of the
18 affective and sentient aspects of embodiment’ (2002, 2). In this sense, much like the
19 female bodybuilder who is often ideologically constructed as a beacon of feminist
20 resistance; with a few notable exceptions (for example, Brain 2002; Fox et al. 2005;
21 Rich 2006; Warin 2010) the anorexic woman has been positioned as the ultimate victim
22 of modern patriarchal power, and too often anorexia as a sentient, lived experience is
23 overlooked.

24 Moreover, representations of anorexic women as victims of culture have real,
25 embodied effects. For example, Rich’s (2006) study on the lived experience of young

1 women with anorexia theorises the extent to which ‘discursive constraint’ serves to
2 alienate and isolate women who suffer from this illness. In this sense, the problem of
3 representation is not an abstract one, nor a theoretical quibble to be debated and
4 resolved within the walls of the academy. Representation is lived and its effects are felt
5 by those whose bodies and experiences are discursively constructed.

6 *Fat studies*

7 Paradoxically, while fatness is often positioned and understood to be antithetical to
8 anorexia, fat bodies too are frequently caught between alienating representations. On the
9 one hand, as Probyn argues, ‘fat becomes objectified as a mode of resistance’ (2008,
10 402) as well as tokenised and deployed in activist projects that seek to facilitate greater
11 acceptance of fat bodies. On the other hand, there exists a desire within more positivist
12 and biomedically-inclined factions of scholarship to ‘fix’ or eradicate obesity as a social
13 ill and, much like poststructuralist literature on female bodybuilding, construct fatness
14 as a form of pathology. As Yancey and colleagues (2006) note, discourse on
15 fatness/‘obesity’, which traverses across theoretical and epistemological boundaries, is
16 often fraught and leads to dialectic impasse. This dualistic framing of fatness, much like
17 discourses on female bodybuilding, is caused by the fixation on static images (Probyn
18 2008). Problematically, this positions fatness as ‘something that is image but not
19 feelings, emotions and affects, as something untouched by economics, class and ethnic
20 positioning’ (Probyn 2008, 401).

21 In her critique of feminist approaches to fat, Probyn contends, ‘an over-reliance
22 on a simplistically framed notion of representation has produced a body of argument
23 that can only focus on the body as image’ (2008, 402). Here, then, Probyn suggests that
24 simplistic visual representations of ‘fat’ women, which centralise the transgressive, non-
25 hegemonic female body, limit the frames within and through which women’s ‘fatness’

1 can be explored and invisibilise women's embodied experiences. For Probyn, such
2 simplistic visual representations act as tools through which to drive the agenda of
3 acceptance of transgressive 'fatness' which, again, skirts over the embodied and
4 conscious experience of inhabiting a larger body.

5 A recent and salient example of this fixation is plus-size model Tess Holliday's
6 cover appearance on Cosmopolitan magazine's 2018 October issue, which sparked a
7 great deal of debate within public and academic discourses (Cosmopolitan 2018). While
8 some celebrated the inclusion of this underrepresented body type within a mainstream
9 women's publication, others perceived the cover image to be promoting unhealthy
10 lifestyles. In particular, Piers Morgan (a controversial conservative British journalist
11 and television personality) claimed the cover was 'celebrating morbid obesity' (Good
12 Morning Britain 3rd September 2018). While we find this statement to be problematic
13 and in need of deconstruction, analysis at the level of an image (which necessarily
14 objectifies fatness) is destined to result in bifurcation. As Probyn suggests, 'the focus on
15 image and fat acceptance reduces woman's image to that of "fat woman". Whether she
16 is a proud fat woman or not, this is a sad way to understand human subjectivity' (2008,
17 403).

18 Much like the dualistic framing of female bodybuilders as 'feminist crusaders or
19 aspiring muscle barbies' (Boyle 2005, 136), the visual spectacle of fatness and the level
20 of critical engagement it incites, tells us little about the *experience* of fatness.

21 Nonetheless, this is not to say that representations of fatness, such as Tess Holliday's
22 cover, do not have an impact on individuals in their everyday lives. There is still much
23 critical work to be done within corporeal feminist scholarship to understand the
24 relationality of image and subject. In what follows, we mobilise some of the important
25 research that has been completed in this regard and demonstrate how these

1 interdisciplinary theoretical ideas offer useful insights for literature on female
2 bodybuilding.

3 **Moving beyond the image: lessons from anorexia research and fat studies**

4 Our intention, then, is to explore how bodybuilding, and indeed anorexia and fatness,
5 can be moved beyond their visual representations and understood as conscious and
6 embodied experiences. Here, we call upon Witz's definition of embodiment as, 'a
7 mediate fleshiness— in short, an embedded sociological sense of the body as the
8 condition and constituent of action' (2000, 11). How might we understand female
9 muscularity/thinness/fatness in this way? While research on female bodybuilding
10 remains constrained by polarised imaginings, in recent years fat studies and anorexia
11 research have made significant strides in overcoming these limitations. This has been
12 achieved by expanding on and developing theoretical frameworks for thinking about
13 'mediate fleshiness'; the 'phantom', affectual, neither material nor immaterial, in-
14 betweenness, which integrates and connects the interoceptive body and the
15 representational (Blackman 2012; Kyrölä and Harjunen 2017). In this final discussion,
16 we demonstrate that by exploring the embodied relationality between image/corpus and
17 engaging with female subjects as the point of entry, one is able to develop nuanced and
18 interdisciplinary theoretical models for understanding female embodiment in its
19 multiple and diverse forms.

20 Within fat studies and anorexia research, exploration of the impact of discourse
21 and representation on lived experience is opening up new possibilities for thinking
22 about embodiment (Lavis 2014; Williams and Annandale 2018). For example, Williams
23 and Annandale (2018) articulately and convincingly demonstrate that affectual
24 responses to weight stigma become embodied by those who are clinically labelled
25 'overweight/obese'. Their study (which takes place in UK weight loss groups) found

1 that, upon reflecting on breaking the rules of their diet, participants ‘had come to
2 embody the stigma associated with such behaviours and their presumed consequences:
3 they quite literally felt the effects of stigmatised ill-discipline’ (2018, 12). Similarly, in
4 her study of a UK inpatient eating disorders unit, Lavis describes the ways in which fat,
5 both temporarily external (in food) and internal (in the body), takes on threatening and
6 pernicious qualities where ‘to informants, fat is at times cloying, lumpen, and static, as
7 in donuts. At others, it is mobile and seeping, as in melted butter’ (2014, 2). In one
8 account Lavis reports that, after being required to eat a cupcake, an inpatient with
9 anorexia becomes agitated by the deeply tangible effects of this act of consumption. She
10 reflects, ‘Abigail explained how she could feel it in her body, expanding and moving
11 through it; the cupcake breached her boundaries, forcing layers of fat to appear under
12 her skin, stretching it outward’ (2014, 102). These studies create an empirical grounding
13 for understanding the relationality/co-constituency of the representational and the
14 material, a method which could be adopted for research on female bodybuilding.

15 Fat studies scholars Kyrölä and Harjunen (2017) have taken on the important
16 work of theoretically bridging the material and the image through their concepts of
17 ‘phantom’ and ‘liminal’ fat. These concepts, which capture the embodied stigma of
18 lived fatness as well as the persistent threat of fatness, attempt to better explain the
19 ‘relationship between or mutual constitution of experience and representation’ (2017,
20 101). With reference to phantom fat, they write, ‘mainstream media images of fat
21 bodies make fat into a removable, threatening, continuously disappearing and
22 reappearing, almost haunting entity. As such, these images produce an ideal viewer who
23 is expected to fear and reject actual or potential “fat” parts of their bodies, whether “fat”
24 exists in the concrete now or in the imagined future’ (2017, 101). ‘Liminality’ is
25 conceived of as ‘the transitional phase of the rite of passage that marks a move from one

1 social status or identity to another' (2017, 103). However, rather than being transient or
2 temporally sensitive, liminality is an often stable or continuous sense of being 'in
3 between' two embodied states (Turner 2002). Though speaking specifically about
4 fatness and the threat of fat, these ideas translate and map onto conceptualisations of
5 muscularity and thinness, creating new avenues for empirical and theoretical work.

6 In relation to female bodybuilding, success within the sport is predicated on
7 women's ability to mould their body to their own design. This necessarily involves
8 scanning one's body for unsymmetrical musculature, stubborn muscle groups in need of
9 further development, and angles that do not flatter the overall physique. This routine
10 relies on the metaphysical existence of a body imaginary, which becomes infused and
11 incorporated into one's own self-image. When the female bodybuilder looks in
12 the mirror, she sees multiple bodies; her own material self and a multiplicity of
13 representations, some of which she fears and some of which she desires (Brabazon
14 2006). Much like Baudrillard's (1990) concept of simulation, whereby models and maps
15 take precedence over reality, representations of ideal bodies, feared and past selves
16 disturb and disrupt an objective or strictly material surveying of the body.

17 In order to be successful in her sport, the female bodybuilder must view herself
18 in relation to a "latent" inner image', not yet realized or attained (Tate 2001, 33). In
19 this respect, Kyrölä and Harjunen contend, 'the ideal viewer's body image contains fat
20 as a phantom limb of sorts, resembling the way in which a lost body part can remain a
21 part of a person's affective body and body image, feeling as-if-real, although not
22 existing in the flesh' (2017, 101). Similarly, the ideal female bodybuilder is willing to
23 subject herself to a vigilant and highly self-conscious form of 'body work', by
24 imagining muscularity and working to produce it. In this regard, phantom and liminal

1 fat are theoretically useful for thinking through this state of ‘mediate fleshiness’ (Witz
2 2000, 11).

3 This ‘liminal’ metaphor for female embodiment has also been mobilised within
4 anorexia research. Grosz writes, ‘anorexia can, like the phantom limb, be a kind of
5 mourning for a preOedipal (i.e., precastated) body and a corporeal connection to the
6 mother that women in patriarchy are required to abandon’ (1994, 40). Brain connects
7 and grounds this analysis within a material/representational framework, by going further
8 to suggest the those with anorexia are ‘at some indeterminable point in an unfinishable
9 transition, both “body” and “narrative” are the embodied culmination of past and future,
10 trauma and recovery, melancholia and mourning, femininity and masculinity...
11 reconciling flesh with future body imaginary’ (2002, 165). In this regard, anorexia,
12 much like female bodybuilding, is a mode of embodiment experienced in a space
13 oscillating between materiality and representation, in a process of transformation.

14 For female bodybuilders, the purpose of their eating and exercise regime is to
15 turn what was once soft flesh into visible and solid muscle. Through the practice of
16 bodybuilding, the mutability of the body is intentionally realised and a process of
17 transformation takes place. The very nature of the sport requires the body to be in some
18 manner of ‘becoming’ which (when combined with a competitive ‘sporting ethic’ or
19 career approach that requires continuous progress/improvement) means constant
20 bodywork is demanded. The desire for muscularity as well as the perpetual phantomized
21 threat of fat drives this sustained labour. As Kyrölä and Harjunen write, ‘for those who
22 do not currently live as fat, phantom fat still becomes a part of their body images as
23 potentiality: threatening abstract flesh which can grab onto them materially anytime
24 without continuous rejection and management’ (2017, 101). In this sense, the body can
25 be conceptualised, as Budgeon proposes, ‘as events that are continually in the process of

1 becoming — as multiplicities that are never just found but are made and remade’ (2003,
2 50). Thus, the constant bodywork required of muscle-building suspends female
3 bodybuilders in a liminal state of being.

4 In this regard, fat studies and anorexia research are adept at mobilising affectual
5 metaphors to understand female embodiment. Affect, in this case, being ‘those registers
6 of experience which cannot be easily seen and which might variously be described as
7 non-cognitive, trans-subjective, non-conscious, non-representational, incorporeal and
8 immaterial’ (Blackman 2012, 4). In many ways, this focus on feeling and the subjective
9 attribution of meaning is an act of rebellion against medical models which pathologise
10 and render illogical states of being which do not (visually) meet with hegemonic
11 gendered expectations of healthy, beautiful, or ‘normal’ bodies (Ferreday 2012). Female
12 bodybuilders too are subject to this gaze, however further research is needed to
13 understand the affectual experiences of women who experience the world through (and
14 in relation to) the pursuit of muscularity.

15 **Conclusion**

16 In this article, we have highlighted a concomitant tendency within feminist philosophies
17 of the body to privilege occularcentric approaches to visually ‘extreme’ modes of
18 embodiment. As a result, much of these discourses remain trapped within the binary and
19 objectifying realm of representation. While literature on female bodybuilding is
20 constrained within the oppositional framework of resistance and compliance, fat studies
21 and anorexia research have developed methods of overcoming ‘the tyranny of the
22 image’ (Moola and Norman 2017, 261). Crucially, their concepts and articulations,
23 which focus on affect and the ambiguous boundaries between material/immaterial
24 selves, can be applied in an interdisciplinary manner to female bodybuilding.

1 Moreover, the privileging of the visual creates ontologically negligible divisions
2 between subject positions in relation to muscularity/thinness/fatness. The
3 interdisciplinary mode of theoretical engagement advocated for in this paper is largely
4 unexplored; however, in recent years some scholars have sought to deconstruct and
5 challenge barriers between visually differing modes of embodiment. For example,
6 Moola and Norman conducted a study which compared the embodied experiences of
7 anorexic and ‘obese’ women. At the core of their paper, is the argument that ‘it is the
8 reliance on images of fat and thin bodies that is— at least in part— responsible for the
9 continued examination of the two embodiments as though they are separate and distinct’
10 (2017, 261). It is this method of critical engagement with visually differing styles of
11 embodiment which will enhance scholarly understandings of subjectivity on a more
12 affectual human level.

13 While our critique is premised on the notion that ocularcentrism strips female
14 subjects of agency and renders them disembodied, it must be noted that we by no means
15 seek to decry the visual as an object or means of academic analysis in a broader sense.
16 In postmodernity, the proliferate production, modification and communication of
17 digitally mediated images demands an understanding of the role of visual culture in
18 social life. However, we argue, approaching women’s *embodiment* through an
19 ocularcentric lens leads to the objectification of bodies and reproduces a voyeuristic
20 audience-spectacle dynamic within scholarship.

21 In this regard, rather than asking whether a visually transgressive mode of
22 embodiment is resistant or compliant, empowered or disempowered, more truth is
23 revealed regarding subjectivity and agency when a different line of questioning is
24 pursued. For example, what mediatory concepts might help us understand the
25 relationality or co-constitution of representation and experience? How do individuals

1 strategise, give meaning to, or reinterpret their embodied circumstances? What
2 metaphors do they draw on? These questions, we believe, aid in dismantling
3 unproductive and ontologically redundant divisions which segregate and silo feminist
4 writing on embodiment. In addition, they facilitate a line of critical inquiry which seeks
5 to connect modes of corporeality based upon experience and subjective interaction with
6 the social, cultural and environmental landscapes in which people live. In this regard,
7 we unreservedly support Kyrölä and Harjunen's proposition that within feminist
8 research on corporeality 'more comparative or multi-sited studies are needed' (2017,
9 102) which embrace affectual understandings of bodies and traverse across disciplinary
10 lines.

11 Postfeminist approaches too offer vital frameworks for approaching these
12 questions and our reflections here align well with the work of postfeminist scholars. By
13 shifting the focus to the entanglement of bodies, technologies, self-representation and
14 practice, postfeminism offers a more refined understandings of subjectivity and
15 discourse which do not rely upon, or reproduce, binary distinctions between agency and
16 culture. Moreover, mobilising Foucauldian frameworks that focus more on the care of
17 the self and less on the anatomo-political production of subjects, could be another
18 fruitful line of enquiry (Kruks, 2001).

19 It must be noted that, from a public health perspective, the emergence of 'critical
20 weight studies' does hold exciting possibilities for interdisciplinary projects which
21 examine differing forms of embodiment alongside one another. Though a fledgling
22 research area, critical weight studies is premised on the idea that a weight-centred
23 paradigm may 'divert attention away from addressing more complex issues of power,
24 equality and relationalities of the body which come to shape/restrict opportunity to
25 engage with particular health practices' (Monaghan et al. 2017, 504). Principally this

1 literature seeks to challenge weight stigma, the ‘obesity epidemic’ rhetoric, the
2 mobilisation of disease metaphors, and the culture of shame surrounding body size and
3 weight (Monaghan et al. 2017). In this respect, we argue that the program of work
4 advocated for by this paper has much to contribute to this emerging research, with
5 regards to a theoretically grounded understanding body ethics on the individual level.

6 It is our intention that this theoretical article acts as a position piece that can be
7 used to inform future empirical research in the field of body studies. In particular, we
8 advocate for a more affectual approach to research into female bodybuilding, taking into
9 account feminine subjectivity and the strategic navigation of discourse. It is suggested
10 that a postfeminist framework could be useful in accounting for this nuanced interplay
11 between resistance and compliance.

12 **Funding**

13 This work is supported by the Economic and Social Research Council [grant number
14 ES/P000762/1] and the Arts and Humanities Research Council [grant number
15 AH/N004841/1].

16 **REFERENCES**

- 17 Anderson, E. 2009. *Inclusive Masculinity*. London: Routledge.
- 18 Bartky, Sandra. L. 1990. *Femininity and domination: Studies in the phenomenology of*
19 *oppression*. New York, Routledge.
- 20 Baudrillard, Jean. 1990. *Simulacra and Simulation*. Ann Arbor, University of Michigan
21 Press.
- 22 Becker, Howard. S., & Strauss, Anselm. L. 1956. Careers, personality, and adult
23 socialization. *American Journal of Sociology*, 62(3): 253-263.

- 1 Bell, Melina. C. 2008. Strength in Muscle and Beauty in Integrity: Building a Body for
2 Her. *Journal of the Philosophy of Sport*, 35(1): 43-62.
- 3 Blackman, Lisa. 2012. *Immaterial Bodies: Affect, Embodiment, Mediation*. London,
4 Sage.
- 5 Bordo, Susan. 1993. *Unbearable Weight: Feminism, Western Culture, and the Body*.
6 Berkeley, University of California Press.
- 7 Boyle, Lex. 2005. Flexing the Tensions of Female Muscularity: How Female
8 Bodybuilders Negotiate Normative Femininity in Competitive Bodybuilding.
9 *Women's Studies Quarterly*, 33(1/2): 134-149.
- 10 Brabazon, Tara. 2006. Fitness is a feminist issue. *Australian feminist studies*, 21(49),
11 65-83.
- 12 Brain, Josephine. 2002. Unsettling 'body image' Anorexic body narratives and the
13 materialization of the 'body imaginary'. *Feminist Theory*, 3(2): 151-168.
- 14 Brumberg, Joan. J. 1985. "Fasting Girls": Reflections on Writing the History of
15 Anorexia Nervosa. *Monographs of the Society for Research in Child Development*,
16 50(4/5): 93-104.
- 17 Budgeon, Shelley. 2003. Identity as an Embodied Event. *Body & Society*, 9(1): 35-55.
- 18 Cairns, Kate, & Johnston, Josée. 2015. Choosing health: embodied neoliberalism,
19 postfeminism, and the "do-diet." *Theory and Society*, 44(2): 153-175.
- 20 Carrigan, T. , R.W. Connell and J. Lee .1985. 'Toward a New Sociology of
21 Masculinity', *Theory and Society* 14: 551-602.

- 1 Choi, Precilla. Y. L. 2003. Muscle matters: maintaining visible differences between
2 women and men. *Sexualities, Evolution & Gender*, 5(2): 71-81.
- 3 Coquet, R., Ohl, F., & Roussel, P. 2016. Conversion to bodybuilding. *International*
4 *Review for the Sociology of Sport*, 51(7), 817-832.
- 5 Davids, Tine., & Willemse, Karin. (2014). Embodied engagements: Feminist
6 ethnography at the crossing of knowledge production and representation—An
7 introduction. *Women's Studies International Forum*, 43, 1–4.
- 8 Davis, Kathy. 2007. Reclaiming Women's Bodies: Colonialist Trope or Critical
9 Epistemology? *The Sociological Review*, 55(1_suppl): 50-64.
- 10 Dworkin, Shari. L. 2001. "Holding Back": Negotiating a Glass Ceiling on Women's
11 Muscular Strength. *Sociological Perspectives*, 44(3): 333-350.
- 12 Evans, A. and Riley, S. 2014. *Technologies of Sexiness: Sex, Identity, and Consumer*
13 *Culture*. New York: Oxford University Press.
- 14 Felkar, Victoria. Aug/September, 2015. How muscle became bad. *Muscle Insider*
15 *Magazine*, 24. Accessed at:
16 <https://www.victoriafelkar.com/library/2017/11/16/how-muscle-became-bad>.
- 17 Ferreday, Debra. 2012. Anorexia and Abjection: A Review Essay. *Body & Society*,
18 18(2): 139-155.
- 19 Foucault, Michel. 1977. *Discipline and Punish: The Birth of the Prison*. New York,
20 Vintage Books.

- 1 Fox, Nick., Ward, Katie., & O'Rourke, Alan. 2005. Pro-anorexia, weight-loss drugs and
2 the internet: an 'anti-recovery' explanatory model of anorexia. *Sociology of Health*
3 *& Illness*, 27(7): 944–971.
- 4 Gill, Rosalind., Henwood, K., & McLean, C. 2005. Body Projects and the Regulation of
5 Normative Masculinity. *Body & Society*, 11(1): 37-62.
- 6 Gill, Rosalind 2007. Critical Respect: The Difficulties and Dilemmas of Agency and
7 'Choice' for Feminism: A Reply to Duits and van Zoonen. *European Journal of*
8 *Women's Studies*, 14(1), 69–80.
- 9 Gill, Rosalind. 2012. Media, Empowerment and the 'Sexualization of Culture' Debates.
10 *Sex Roles*, 66(11), 736–745.
- 11 *Good Morning Britain*. 2018. [TV] Plus size cover star controversy. ITV. 3rd
12 September.
- 13 Gooldin, Sigal. 2003. Fasting Women, Living Skeletons and Hunger Artists: Spectacles
14 of Body and Miracles at the Turn of a Century. *Body & Society*, 9(2): 27-53.
- 15 Grosz, Elizabeth. A. 1994. *Volatile bodies: Toward a corporeal feminism*.
16 Bloomington, Indiana University Press.
- 17 Hanold, M. T. 2010. Beyond the marathon:(De) construction of female ultrarunning
18 bodies. *Sociology of Sport Journal*, 27(2), 160-177.
- 19 Hesse-Biber, Sharlene., Leavy, Patricia., Quinn, Courtney. E., & Zoino, Julia. 2006.
20 The mass marketing of disordered eating and Eating Disorders: The social

- 1 psychology of women, thinness and culture. *Women's Studies International Forum*,
2 29(2), 208–224.
- 3 Heywood, Leslie., Dworkin, Shari., & Foudey, Julie. 2003. *Built to Win: The Female*
4 *Athlete as Cultural Icon*. University of Minnesota Press.
- 5 Johnston, Lynda. 1996. Flexing Femininity: Female body-builders refiguring 'the
6 body'. *Gender, Place & Culture*, 3(3): 327-340.
- 7 Kanezaki, R. 1991. Sociological consideration on sport involvement of Japanese female
8 adults. *International Review for the Sociology of Sport*, 26(4), 271-286.
- 9 Klein, A. M. 1993. *Little Big Men: Bodybuilding subculture and gender construction*.
10 SUNY Press.
- 11 Kruks, Sonia. 2001. *Retrieving Experience: Subjectivity and Recognition in Feminist*
12 *Politics*. Ithaca, NY, Cornell University Press.
- 13 Kyrölä, Katariina., & Harjunen, Hannele. 2017. Phantom/liminal fat and feminist
14 theories of the body. *Feminist Theory*, 18(2): 99-117.
- 15 Lavis, Anna. 2014. 'Engrossing Encounters: Materialities and Metaphors of Fat in the
16 Lived Experiences of Individuals with Anorexia'. In: Christopher Forth and Alison
17 Leitch (eds) *Fat: Culture and Materiality*. London, Bloomsbury Publishing, pp. 91-
18 108.
- 19 Lowe, Maria. 1998. *Women of Steel: Female Bodybuilders and the Struggle for Self-*
20 *Definition*. New York, New York University Press.

- 1 Malson, H. 1998. *The Thin Woman: Feminism, Post-structuralism and the Social*
2 *Psychology of Anorexia Nervosa*. London: Routledge.
- 3 Marshall, K., Chamberlain, K., & Hodgetts, D. 2018. Female bodybuilders on
4 Instagram: Negotiating an empowered femininity. *Feminism & Psychology*, 29 (1):
5 96-119.
- 6 Marzano-Parisoli, Maria. M. 2001. The Contemporary Construction of a Perfect Body
7 Image: Bodybuilding, Exercise Addiction, and Eating Disorders. *Quest*, 53(2), 216-
8 230.
- 9 McNay, Lois. 2003. Agency, Anticipation and Indeterminacy in Feminist Theory.
10 *Feminist Theory*, 4(2), 139-148.
- 11 Mitchell, Jean. 1987. 'Going for the Burn' and 'Pumping Iron': What's Healthy about
12 the Current Fitness Boom? In: Marilyn Lawrence (eds) *Fed Up and Hungry:*
13 *Women Oppression and Food*. London: The Women's Press Limited, pp. 156-174.
- 14 Monaghan, Lee. F., Bombak, Andrea. E., & Rich, Emma. 2017. Obesity, neoliberalism
15 and epidemic psychology: critical commentary and alternative approaches to public
16 health. *Critical Public Health*, 28(5): 498-508.
- 17 Monaghan, L. 2001. *Bodybuilding, Drugs and Risk*. Routledge: London.
- 18 Moola, Fiona. J., & Norman, Moss. E. 2017. On judgement day: Anorexic and obese
19 women's phenomenological experience of the body, food and eating. *Feminism &*
20 *Psychology*, 27(3): 259-279.

- 1 Mosley, P. E. 2009. Bigorexia: Bodybuilding and muscle dysmorphia. *European Eating*
2 *Disorders Review*, 17(3), 191–198.
- 3 Nash, Jennifer. C. 2008. Re-thinking intersectionality. *Feminist Review*, 89(1): 1-15.
- 4 Nussbaum, Emily. 1998. Bodies that Matter. *Lingua Franca*, 8(7), October.
- 5 Obel, Camilla. 1996. Collapsing Gender in Competitive Bodybuilding: Researching
6 Contradictions and Ambiguity in Sport. *International Review for the Sociology of*
7 *Sport*, 31(2): 185-202.
- 8 Probyn, Elspeth. 2008. IV. Silences Behind the Mantra: Critiquing Feminist Fat.
9 *Feminism & Psychology*, 18(3): 401-404.
- 10 Rich, Emma. 2006. Anorexic dis(connection): managing anorexia as an illness and an
11 identity. *Sociology of Health & Illness*, 28(3): 284-305.
- 12 Richardson, Niall. 2008. Flex-rated! Female bodybuilding: feminist resistance or erotic
13 spectacle? *Journal of Gender Studies*, 17(4): 289-301.
- 14 Roussel, Peggy., & Griffet, J. 2000. The Path Chosen by Female Bodybuilders: A
15 Tentative Interpretation. *Sociology of Sport Journal*, 17(2), 130–150.
- 16 Shea, B. Christine. 2001. The paradox of pumping iron: Female bodybuilding as
17 resistance and compliance. *Women and Language*, 24(2): 42-46.
- 18 Shilling, Chris. 1993. *The Body and Social Theory*. London, Sage Publications.
- 19 ———. Shilling, Chris., & Bunsell, Tanya. 2009. The female bodybuilder as a gender
20 outlaw. *Qualitative Research in Sport and Exercise*, 1(2): 141-159.

- 1 Simpson, Courtney. C., & Mazzeo, Suzanne. E. 2017. Skinny Is Not Enough: A
2 Content Analysis of Fitspiration on Pinterest. *Health Communication*, 32(5): 560-
3 567.
- 4 Solmi, Francesca., Hatch , Stephani..L., Hotopf, Matthew., Treasure, Janet., and Micali,
5 Nadia. 2014. Prevalence and correlates of disordered eating in a general population
6 sample: The South East London Community Health (SELCoH) study. *Social*
7 *Psychiatry and Psychiatric Epidemiology*, 49 (8): 1335–1346.
- 8 Squire, Sarah. 2003. Anorexia and bulimia: purity and danger. *Australian Feminist*
9 *Studies*, 18(40), 17-26.
- 10 St Martin, Leena., & Gavey, Nicola. 1996. Women’s Bodybuilding: Feminist
11 Resistance and/or Femininity’s Recuperation? *Body & Society*, 2(4): 45-57.
- 12 Steinem, Gloria. 1994. *Moving Beyond Words*. New York, Simon & Schuster.
- 13 Tate, Shirley. A. 1999. Making your Body your Signature: Weight-Training and
14 Transgressive Femininities. In: Julie Seymour and Sasha Roseneil (eds) *Practising*
15 *Identities: Power and Resistance*. London, Macmillan Press, pp. 33-54.
- 16 Turner, Victor. 2002. Liminality and Communitas. In: Michael Lambeck (ed) *A Reader*
17 *in Anthropology of Religion*. London. Blackwell.
- 18 Vallet, G. 2017. The gendered economics of bodybuilding. *International Review of*
19 *Sociology*, 27(3), 525–545.
- 20 Warin, Megan. 2004. Primitivising Anorexia: The Irresistible Spectacle of Not Eating.
21 *The Australian Journal of Anthropology*, 15(1): 95-104.

- 1 ———.Warin, Megan. 2010. *Abject Relations: Everyday Worlds of Anorexia*. Rutgers
2 University Press.
- 3 ———.Warin, Megan. 2014. Material Feminism, Obesity Science and the Limits of
4 Discursive Critique. *Body & Society*, 21(4): 48-76.
- 5 Wesely, Jennifer. K. 2001. Negotiating Gender: Bodybuilding and the
6 Natural/Unnatural Continuum. *Sociology of Sport Journal*, 18(2): 162-180.
- 7 Williams, Oli., & Annandale, Ellen. 2018. Obesity, stigma and reflexive embodiment:
8 Feeling the ‘weight’ of expectation. *Health*.
- 9 Witz, Anne. 2000. Whose Body Matters? Feminist Sociology and the Corporeal Turn in
10 Sociology and Feminism. *Body & Society*, 6(2): 1-24.