



THE UNIVERSITY *of* EDINBURGH

## Edinburgh Research Explorer

### Socioeconomic inequalities of suicide

**Citation for published version:**

Chandler, A 2019, 'Socioeconomic inequalities of suicide: Sociological and psychological intersections', *European Journal of Social Theory*. <https://doi.org/10.1177/1368431018804154>

**Digital Object Identifier (DOI):**

[10.1177/1368431018804154](https://doi.org/10.1177/1368431018804154)

**Link:**

[Link to publication record in Edinburgh Research Explorer](#)

**Document Version:**

Peer reviewed version

**Published In:**

European Journal of Social Theory

**Publisher Rights Statement:**

The final version of this paper has been published in European Journal of Social Theory, Vol/Issue, Month/Year by SAGE Publications Ltd, All rights reserved. © <Author's name>, year of publication. It is available at: <http://<Acronym>sagepub.com/>

**General rights**

Copyright for the publications made accessible via the Edinburgh Research Explorer is retained by the author(s) and / or other copyright owners and it is a condition of accessing these publications that users recognise and abide by the legal requirements associated with these rights.

**Take down policy**

The University of Edinburgh has made every reasonable effort to ensure that Edinburgh Research Explorer content complies with UK legislation. If you believe that the public display of this file breaches copyright please contact [openaccess@ed.ac.uk](mailto:openaccess@ed.ac.uk) providing details, and we will remove access to the work immediately and investigate your claim.



# Socioeconomic inequalities of suicide: sociological and psychological intersections

The study of suicide entails consideration of several enduring debates within social theory. Even aside from the problem of defining suicide (and alongside it, self-harm)<sup>1</sup> (Atkinson, 1978; Chandler et al., 2016); considering suicide requires reflection on the role and nature of individual agency and social structure; of rationality, reason and their potential opposites – irrationality, perhaps madness. Other dualisms are enrolled in debates about suicide: nature and culture, the biological and the social (Giddens, 1965). The contributions of sociology and psychology to the study of suicide are less easily understood as oppositional, or binary, though this is often how they are described. Durkheim famously used his study of suicide to demonstrate the importance of sociological theory and method in understanding a practice that was otherwise understood as depending “on individual factors, thus belonging to psychology alone” (1951: p. 46). In this paper I chart some of the ways in which sociological and psychological work on understanding suicide *diverges*, but also key ways in which it *intersects*. I will argue that research and theory in each discipline necessarily borrows from the other. As such, considering sociological and psychological suicide research in tandem rather unsettles disciplinary boundaries, even as those working in each of these fields often seek to affirm them.

By way of a case study, I draw on a report which I contributed to, commissioned and published by Samaritans (a UK based charity which runs a helpline, and is engaged in suicide prevention), which sought to highlight and understand socioeconomic inequalities in suicide in the UK (Samaritans, 2017). The report incorporated chapters written by academics working in economics, geography, social policy, health psychology and sociology. Each sought to enrol their disciplinary expertise in understanding and responding to socioeconomic inequalities in suicide. Contrasting the contributions from health psychology (Kirtley & O'Connor, 2017) and sociology (Chandler, 2017) facilitates an examination of some similarities, differences and intersections between and within the disciplines. I highlight two common features: firstly, quantitative methods are privileged in each discipline, restricting the ability of either to theorise the relationship between the statistical ‘shape’ of suicide – whether in terms of population-based rates, or aggregate risk factors – and individual

experience (Hjelmeland & Knizek, 2010). Secondly, I suggest that, again in each discipline, emotions or feelings such as shame tend to be conceptualised in potentially limiting ways: superficially described, or reduced to quantitative measures which are connected only loosely to social and cultural contexts, rather than theorising these as deeply intertwined (Burkitt, 2014).

## The curious position of sociology in suicide research

Emile Durkheim's *Le Suicide* (1952) has a particular status within sociology for demonstrating the relevance of sociological methods and theory in understanding a phenomenon that had been viewed as individual and psychological (Fincham et al., 2011; Fitzpatrick et al., 2015; Marsh, 2010). However, as Bryant and Garnham (2015) note, it is perhaps surprising given this early and prominent sociological intervention that contemporary approaches to understanding suicide tend to be overwhelmingly individualistic. Sociological research addressing suicide in the late 20<sup>th</sup> and early 21<sup>st</sup> centuries remains a curiously niche endeavour (Abrutyn & Mueller, 2014: p. 347; Recker & Moore, 2016; Scourfield et al., 2012). A review of publications in mainstream sociology journals in the US found that only 3% addressed suicide (Wray et al., 2011). Conversely, within suicidology journals – an ostensibly multidisciplinary field – psychiatric and psychological research dominates, quantitative approaches are privileged, and sociological work is in a clear minority (Abrutyn & Mueller, 2014; Hjelmeland, 2015; Hjelmeland & Knizek, 2016; Marsh, 2010).

Where sociology does address suicide, there is a great tendency to draw on Durkheim, despite a number of serious critiques being levelled at his theories in the 20<sup>th</sup> Century (Douglas, 1967; Stack, 1982). This close affinity with Durkheimian sociology may explain in part the propensity towards the development of functionalist models, and reliance on quantitative methods (Gove, 1972; Stack & Wasserman, 2009). Recent work by Abrutyn and Mueller (2014; 2016), and Braswell and Kushner (2012), is notable in attempting to build creatively on Durkheim's work; with Abrutyn and Mueller in particular advocating for the relevance of Durkheim's typology to researching the 'socioemotional foundations' of suicide. However, their 'microsociological view' retains the functionalist spirit of Durkheim's original typology, arguing for an *extension* and elaboration of Durkheim's original insights. Further, while Abrutyn and Mueller have begun to incorporate interpretive approaches in more recent work (Mueller & Abrutyn, 2016), at times they maintain a cautious distance from qualitative empirical research – referring, for instance, to the "shaky" nature of qualitative data (Abrutyn

& Mueller, 2014, p. 332), whilst nonetheless acknowledging the need for qualitative suicide research (p. 345).

As sociologists working on suicide readily acknowledge (Abrutyn, 2017), the study of suicide in the late 20<sup>th</sup> and early 21<sup>st</sup> centuries is overwhelmingly dominated by ‘psy’ sciences and by biology – seeking answers to suicidal ‘impulses’ and ‘risk profiles’ in genetics, epigenetics, hormones, neurochemicals and synapses (Hjelmeland & Knizek, 2016). This biological tendency is undoubtedly related to the dominance of psychiatry within the multidisciplinary field of suicidology (Marsh, 2010), and to the concomitant valorisation of biological, neurobiological, and genetic research in psychiatry (Insel, 2014; Pickersgill et al., 2013; Rose, 2013). However, as Pickersgill (2011) has noted in relation to psychiatry and personality disorder, psychiatric understandings and responses to distress may incorporate ‘surprising commitments’ to the social and the psychological. In this paper, I seek to excavate and critique similarly ‘surprising’ commitments in *both* sociological and psychological work addressing suicide and socioeconomic inequalities.

Suicide and self-harm are acts which directly engage the social, psychological and biological, unsettling attempts to demarcate distinctions between these (Fitzpatrick et al., 2015).

However, despite this, much suicide research continues to operate in disciplinary silos. By focusing on psychological and sociological attempts to understand the relationship between socioeconomic inequalities and suicide, I demonstrate some of the significant promise of more ambitious interdisciplinary endeavours. As such – drawing on Fitzgerald et al.’s recent call for a ‘revitalization’ of sociology, I argue that a similar ‘revitalization’ of suicidology is required – one which enrolls psychology, sociology and other disciplines in working together to understand the ‘mutual entanglements’ of bodies, minds, cognitions, emotions, social and cultural contexts, in which suicides take place, are experienced, understood and given meaning (Fitzgerald et al., 2016). My arguments can be situated within the emergent field of ‘critical suicide studies’ which works towards complexity, creativity and nuance in suicide research (White et al., 2016).

## **Socioeconomic contexts of suicide and self-harm**

Although there are debates around measurement, in the UK people living in areas of socioeconomic deprivation, who are themselves relatively socioeconomically deprived, are at higher risk of death by suicide, and higher risk of hospitalisation following self-harm, than those living in more affluent circumstances (Mok et al., 2012; Platt, 2011; Platt et al., 2005).

Historically, rates of suicide have fluctuated, and – following Durkheim’s original arguments – in many cases these can be associated at least superficially with changing economic circumstances (Baudelot & Estabiet, 2008). While Durkheim originally argued that suicides were concentrated among the more affluent, with poverty a ‘protective factor’, Baudelot and Estabiet note that the evidence for this is far from clear (2008, p. 141). In part, this relates to the limited nature of available historical data. What data is available appears to suggest higher rates of suicide amongst both the very poor *and* the very affluent. However, in the latter half of the 20<sup>th</sup> century, this has shifted: “Suicide no longer haunts the more affluent section of society, and is now concentrated amongst the poorest and the most fragile” (Baudelot and Estabiet 2008 p. 147). Epidemiological studies of suicide in the UK suggest that higher rates of suicide among poorer groups can be related to unemployment, job insecurity, housing insecurity, debt, and the impact these experiences have on mental health and substance use (Coope et al., 2014; Gunnell et al., 2003; Haw et al., 2015).

The picture is similar, though perhaps more contested, with self-harm<sup>2</sup>. Measuring rates of self-harm is challenging, as most acts of self-harm are not clinically treated, and one of the more prevalent self-harming practices (self-cutting) is generally viewed as ‘hidden’ (Chandler, 2018). Nevertheless, data has been collected in some UK hospitals for several decades, providing longitudinal data regarding rates of hospital treated self-harm (Geulayov et al., 2016). Such cases are usually overdoses (70-80%), though include other acts such as self-cutting, burning, jumping from heights, and hanging. As with suicide, rates of hospital treated self-harm are higher in poorer areas, and rose following the 2008 recession (*ibid*). A review of data regarding General Practice presentations found a similar pattern, with rates of recorded self-harm higher among patients presenting to practices in areas of deprivation (Carr et al., 2016).

Despite the frequent identification of socioeconomic contexts as ‘risk factor’ in suicides, mainstream suicide research and prevention efforts have tended not to engage with this (Platt, 2011). Further, in much sociological work, there is a similar – perhaps more curious – disengagement from investigating the role of socioeconomic contexts in suicidal practices. For instance, Wray et al’s (2011) review of studies of suicide in US sociology journals addresses socioeconomic context or markers only briefly, factors that are ‘controlled’ for in studies of race and suicide. Stack’s comprehensive, two-part review (Stack, 2000a; Stack, 2000b) of sociological research on suicide includes a section on ‘economic approaches’ to understanding suicide. Stack includes a number of interesting suggestions regarding how

economic conditions, in particular unemployment, may shape suicidal practices. However, crucially, much of this draws on quantitative research, and involves necessarily making assumptions about how such conditions might impact on individual actions, and the meanings attributed to these.

“Unemployment can affect suicide risk directly through eroding the incomes, economic welfare, self-esteem, and other suicidogenic factors among the unemployed ... Furthermore, in times of unemployment, suicide may be increased through a higher level of anxiety among the employed who fear losing their jobs” (Stack 2000a: p. 155)

The above quote is instructive, and provides a useful insight into the state of sociological research on suicide more generally, but particularly in relation to socioeconomic drivers. Stack refers briefly to the role of emotions (self-esteem, anxiety), but crucially the review does not include any research (psychological or sociological) which has engaged empirically with emotional aspects of either unemployment or suicide. Similarly, in the same section Stack draws directly on an ‘economic model’ of suicide, including cost/benefit analysis, suggesting that when the “terrors of life outweigh the terrors of death ... [there will be] increased suicide risk. Sociologically, groups faced with greater terror include those under economic strain, namely the poor and unemployed” (2000a: p. 155). Again, what is important here is that economic strain (and resultant *terror*) is understood to result in greater suicide risk, yet the mechanisms (psychological, sociological or otherwise) shaping this greater risk are left unexplored. Instead, Stack’s framing of the relationship between socioeconomic position and suicide draws on a rationalistic interpretation of human action.

Existing sociological work on suicide and socioeconomic contexts has, then, tended to focus squarely on issues which might comfortably be seen as ‘social’: drawing on theories of strain, examining macro-economic contexts, unemployment rates, and referencing *potential* emotional impacts of these, but rarely in any detail. However, this is a very particular form of sociology (functionalist, quantitative) – one that ‘imagines’ how these factors may play out for individuals in terms of their emotions – terror, self-esteem, anxiety – but which fails to engage empirically with this. A rich body of sociological theorisation on more intimate contexts – micro sociology, symbolic interaction – and on the emotional tenor of social life (c.f. Denzin, 2007; Scheff, 1990; Williams & Bendelow, 1998) is carefully – and curiously – avoided.

## Dying from inequalities: sociological and psychological contributions

The inspiration and material for this paper are drawn from two chapters of a report (Chandler, 2017; Kirtley & O'Connor, 2017), commissioned by Samaritans (2017). As noted above, the report drew on a range of disciplinary expertise to enhance understandings of the mechanisms that might explain the relationship between socioeconomic disadvantage and higher rates of suicide and self-harm in the UK. Contrasting the findings of the two chapters, and of the papers that were included in the reviews, provides useful insights into some of the similarities and differences between sociology and health psychology in how the issue of socioeconomic disadvantage and suicide is tackled and understood. This approach is not intended to provide an exhaustive picture of sociological and psychological approaches to this issue, but rather serves to illustrate important resonances and disjunctures between and within the bodies of work reviewed in the chapters.

My chapter comprised a rapid literature review (conducted in 2016) and synthesis of qualitative research reporting the accounts of people who had self-harmed, or died by suicide, which acknowledged or engaged with socioeconomic disadvantage. Although 35 papers were included in the review, only seven focused explicitly on socioeconomic disadvantage (Abrams & Gordon, 2003; Barnes et al., 2016; Elliott et al., 2014; Huey et al., 2014; Kidd, 2004; Redley, 2003; Stack & Wasserman, 2007). Indeed, an ancillary finding of the review was that studies tended not to report anything regarding socioeconomic contexts in qualitative studies of self-harm and suicide, much less to have socioeconomic conditions a focus of analysis. The chapter presented a qualitative synthesis (as set out by Rhodes & Treloar, 2008) of both the findings and analyses present in the reports, informed by an interpretive, interactionist sociological perspective.

Kirtley and O'Connor reviewed psychological research examining papers which addressed the psychological "mediators and moderators" of the relationship between socioeconomic disadvantage and suicide. Kirtley and O'Connor also found that research engaging directly with this relationship was scarce. Their review included 49 papers which were synthesised, and analysed in light of O'Connor's Integrated Motivational-Volitional model of suicidal behaviour (O'Connor, 2011). The IMV model has broad similarities with other key ideation-to-action psychological models which seek to explain suicide from a psychological perspective (Klonsky et al., 2017). These tend to invoke a linear accumulation of background

stressors (environment, which can include socioeconomic context, and life events such as childhood trauma), specific feelings and personality traits (e.g. feelings of burdensomeness, tendencies towards rumination, memory deficits), and acute behavioural features (including suicidal behaviour or self-harm, but also addressing access to means, and suicide planning).

Despite the different bodies of research examined, and the different approaches taken to interpreting the data, there were important resonances between the two chapters. In the following sections I draw out these resonances, and in so doing, point to significant intersections between, as well as disconnects within the findings in each chapter.

## Cumulative disadvantage

The theme of cumulative disadvantage featured in both the psychological literature reviewed by Kirtley and O'Connor, and in the qualitative research. In the psychological literature, this theme took the form of 'adverse childhood experiences' (ACEs). Numerous studies indicated that experiencing a greater number of ACEs (such as neglect or abuse) was correlated with suicidal thoughts, self-harm and completed suicide in a range of different populations. ACEs were more commonly reported by those whose parents had lower levels of education (a proxy for socioeconomic status). A crucial additional argument made by Kirtley and O'Connor concerned the role of ACEs in also increasing risk of experiencing socioeconomic disadvantage as an adult. Thus, ACEs were framed as doubly contributing (though not neatly) to suicide risk in adulthood, both through independent correlation of ACEs with suicide attempts, and through increasing the chance of living with socioeconomic disadvantage as an adult, which is also independently correlated with suicide. Kirtley and O'Connor's findings suggest a significant amount of complexity, which is sketched out via quantitative findings, but clearly requires additional data and theory to better understand how these data points result in greater suicide risk.

The qualitative studies reviewed also pointed to the importance of attending to early experiences of difficulty – particularly trauma (e.g. childhood sexual, physical or emotional abuse or neglect) and bereavement or loss. Accounts of participants reported in the studies frequently identified bereavement as contributing to an act of self-harm, or desire for death. As Redley (2003) pointed out, participants were telling him (as interviewer) about the problems they had faced in life, as a way of explaining why they had self-harmed. Padgett and colleagues (2012) noted that participants in their study suggested that early experiences of trauma were most significant in explaining suicidal feelings, but that this could be

overlooked among groups who faced acute and recent challenges such as homelessness or severe mental illness.

Curiously, two of the sociologically informed qualitative studies displayed a tendency to draw on qualitative data in order to quantify the impact of such experiences (Huey et al., 2014; Stack & Wasserman, 2007). As such, findings and arguments resonated with those identified in the review of psychological literature both in terms of themes, and in terms of the analytic approach to the data – despite data being of a very different form (structured, validated psychological surveys and qualitative data from interviews, or reviews of coroner reports). This emerged as a clear cross-cutting theme – an intersection – in how papers written from a psychological and sociological perspective regarded the relationship between socioeconomic disadvantage, ACEs and later suicide or self-harm. These analyses tended to treat the accumulation of disadvantage in a straightforward, additive manner. Even where theoretical models (e.g. strain theory, drawn on by Huey et al. 2014 and by Stack and Wasserman 2007) were enrolled to better understand the relationship between accumulations of disadvantage, and self-harm and suicide, these did not go much beyond a fairly mechanical imaginary, whereby a person experiences a certain number of negative events, resulting in the outcome of self-harm and suicide. The emotional, social and cultural meanings of these events, how they were narrated, experienced, or understood by individuals in particular social and cultural contexts was absent, or little remarked upon. This resulted in analyses which ultimately stopped short of explaining how and why such accumulations of disadvantage result in greater chances of self-harm and suicide in a given context.

Analyses which drew on the notion of cumulative disadvantage also failed to explain why individuals who experienced a particular number, amount or type of ACEs might *not* experience suicidal thoughts, or enact self-harm or suicide. In contrast, one of the qualitative studies reviewed noted a surprising “*lack* of association between suicide attempts and past histories of abuse, abandonment and neglect” among a group of male prisoners (Byng et al., 2015: 940, emphasis added). The disjuncture between qualitative findings within a particular population (men leaving prison) and quantitative studies of risk factors in more general populations indicates both the need for, and the challenge of doing suicide research which moves between the specific and the general. Thus, while a quantitative study of a general population sample may find that on the whole ACEs are correlated with later suicidal thoughts or behaviour, this level of generality may not work well with specific groups – particularly those who already embody other risk factors for suicide (e.g. in terms of gender,

age and socioeconomic background). In the following two sections, I address two further themes which illustrate other means through which to understand the accumulation of suicide risk among people living with socioeconomic disadvantage.

## Emotions and inequalities

The role of emotions in mediating or shaping the relationship between socioeconomic disadvantage, self-harm, and suicide was another clear intersection between the two chapters. Further, the way in which emotion was conceptualised within the studies reviewed provides some instructive points regarding the close relationship between sociological and psychological thought – particularly as this pertains to what is often perceived as ‘inner’ and as unproblematically the realm of the ‘psychological’ (Burkitt, 2014; Williams & Bendelow, 1998; Williams, 2001). Indeed, while emotions were clearly present, and the focus of analysis in some qualitative sociological studies (Fullagar, 2003); in others, emotions were either absent, or treated superficially and descriptively (Huey et al., 2014). This reflects sociological work on suicide more generally, which has until recently (see Abrutyn & Mueller, 2014) almost entirely neglected a rich body of critical work on the sociology of emotions.

The psychological literature reviewed by Kirtley and O’Connor highlighted the role of specific emotions or feeling-states, namely: defeat, entrapment, humiliation and shame, though they were forced to extrapolate findings somewhat, since they were unable to identify psychological studies which addressed these factors in relation to socioeconomic disadvantage. Reviewed studies found that individuals scoring more highly on scales measuring defeat, entrapment and humiliation tend to report greater levels of emotional distress and in some cases suicidal ideation. Kirtley and O’Connor suggested that experiencing socioeconomic disadvantage “may induce feelings of entrapment and defeat” (p. 113), thus providing a theoretical connection between socioeconomic disadvantage and suicidal outcomes. Additionally, they note the potential role of stigma for those living with socioeconomic disadvantage, also highlighting evidence that feelings of low self-worth endured even when personal finances improved. Their findings point to an important role for emotions and feelings – for affective evaluations of the self, and how these relate to social contexts.

Emotions were a key theme in the findings and analyses of qualitative papers reviewed. Perhaps unsurprisingly, the way in which emotions emerged in these papers diverged significantly from the quantitative studies, though there were also important divergences

*among* the qualitative studies. In part, this can be clearly related to researchers working in a range of disciplinary traditions. One of the papers reviewed reported on a qualitative psychology study of young people's experiences with suicidal thoughts (Everall et al., 2006). In contrast to the quantitative psychology studies reviewed by Kirtley and O'Connor, Everall et al. argued that "[r]ather than describing emotional traits, participants' experiences included complex interactions of negative emotions characteristic of overwhelming despair" (p. 385-6). This highlights a rather obvious distinction between the data generated by quantitative and qualitative work. While quantitative psychological studies might seek to identify the relative importance of specific, measurable traits (including emotional states); qualitative psychological studies demonstrate the 'messier' ways that such traits emerge in individual accounts.

However, a further divergence can be identified among the qualitative studies reviewed. While most (though certainly not all) emphasised complexity in the way in which emotions were articulated by participants, the manner in which emotions were conceptualised varied. For instance, Everall et al. interpreted participants' accounts of emotional problems in light of their individual life histories, focusing on early care-giving, and the role of parents in validating emotions, or failing to model appropriately healthy emotions. They noted that "participants tended to interpret difficulties with emotional regulation and expression as signifying personal inadequacy" (p. 388). This finding goes un-queried. In stark contrast, Fullagar's (2003) and Kidd's (2005) analyses of similar accounts portray the role and nature of emotions very differently. Fullagar argues that "individualizing discourses of neo-liberalism are implicated in perpetuating shame" (p. 300), as well as in encouraging youth experiencing suicidal thoughts to feel personally responsible (and thus doubly shamed) for their emotions (see also McDermott & Roen, 2016). Kidd, in analysing accounts of street-involved young people also links their experiences of shame, and entrapment, with social stigma, supported by social policies which marginalise and oppress. This points to a difference in focus, with more sociologically informed research addressing the impact of wider ideologies or policies on individual emotional experiences, while those writing in a more psychologically oriented manner appear to limit 'context' to individual life-histories and close family relationships.

## **The relevance of shame**

The qualitative review identified two emotions as important in both researchers' analysis of suicide and self-harm in the context of socioeconomic context, and in the accounts of

participants: anger, and shame. While anger was not highlighted specifically in Kirtley and O'Connor's review, shame was. Further, shame is an emotion which has special relevance to the study of socioeconomic inequalities and suicide (Walker, 2014). Indeed, Scheff has made some initial suggestions regarding this. Scheff's analysis of *The Sorrows of Young Werther*, (Goethe, 1774, in Scheff 1990), a fictional account of the life and suicide of a man, addresses the emotional basis – and potentially fatal implications – of false consciousness. Scheff draws here on Marx's notion of false class consciousness, proposing that attending to emotion can help explain why members of subordinate classes tolerate their oppression (1990 p. 120-1). This analysis is situated in a larger body of work by Scheff (with Retzinger) which argues that shame is 'ubiquitous' in modern societies, but that it is also often unacknowledged (Scheff, 1990; Scheff, 2000; Scheff, 2014; Scheff & Retzinger, 2001). Unacknowledged shame, it is argued, can lead to 'rage-shame' spirals which may culminate in suicide. With respect to the story of Werther, Scheff's analysis explicitly draws out the relevance of social structures, and inequalities in wealth and status. Scheff's work is limited, however, in that his theoretical approach has not been empirically tested among people who have self-harmed or died by suicide.

In contrast, McDermott and Roen (2016) have drawn on alternative literatures (e.g. Ahmed, 2014; Sedgwick, 2003) to theorise the embodied, affective experiences of shame and self-harm among young, queer youth from lower socioeconomic backgrounds. Their analysis somewhat contradicts Scheff's claim that shame is 'ubiquitous and hidden', highlighting the ways that shame is unequally distributed, or perhaps more pointedly, how resources through which shame might be resisted are unequally distributed. Further, while they also frame shame (and self-harm) as hidden and secret, they suggest that when shame becomes visible – when it is acknowledged – it can be felt *more* intensely. Like Fullagar (2003), McDermott and Roen note the importance of wider social and cultural contexts in shaping experiences of shame, and in understanding how such affective feelings might relate to self-harm. Further, their analysis addresses the ways in which some young people (particularly those with greater material and educational resources) might be able to navigate a life away from shaming contexts (such as school).

## Agency and the status of accounts

The themes addressed thus far are each liable to result in structurally oriented accounts of the role of socioeconomic disadvantage, which tend to minimise the agency of the person self-

harming or dying by suicide. Socioeconomic disadvantage either accumulates in a person's life 'resulting' in suicide or self-harm; or else it contributes to emotional responses, which similarly 'result' in suicide or self-harm. This is illustrated in a paper by Barnes and colleagues which analysed interviews with people who identified 'economic hardship' as a "precipitating feature" in an act of self-harm. In their analysis the authors repeat a particular phrase, with participants' accounts of a given event/circumstance said to have "led to self-harm" (2016: p. 4). Self-harm is framed in the analysis as leading almost inevitably from a series of events, and this is a feature of many of the other qualitative papers reviewed in the chapter.

The *act* of self-harming or suicide is often unexamined, as is the agency of the person carrying out this act. In part, this can be understood in the broader context of suicidology which is – as discussed above – dominated by approaches which are wedded to an understanding of suicide and self-harm as pathological, and relating to mental illness (Marsh, 2010). As such the agency of the individual at the centre of the suicidal event is portrayed as perhaps inherently untrustworthy, or ultimately irrelevant (since it is shaped by pathological factors outside of the individual's control – genetics, neurochemistry, childhood trauma and so on). Jaworski (2014), however, has argued that the ascription of agency in suicide and self-harm is strongly gendered. Suicide, associated with masculinity and the 'active male' is more likely, she suggests, to be framed as agentic. In contrast, self-harm is associated with femininity, passivity and an absence of agency. It is possible that the overall picture that emerged in the review of qualitative accounts was shaped by this: the majority of studies were with people (often, but not exclusively women) who had self-harmed. Thus, the tendency in many cases towards framing self-harm as a passive outcome of circumstances may be related to what Jaworski terms the 'gender of suicide'.

Attending to qualitative accounts of self-harm and suicide, and examining how these might contribute to an understanding of the relationship between suicide and socioeconomic inequalities, necessitates a critical examination of agency, and with this, the status of accounts about self-harm and suicide. Such an approach is vital in order to avoid 'top-down' theorisation which can result in a failure to explain *why* someone with accumulated disadvantage, who is shamed by their social status, who experiences further traumatic events which may be tied to socioeconomic circumstance, *does not* self-harm, or die by suicide (Byng et al., 2015; Redley, 2003). To suggest such occurrences are explained by a particular set of 'risk factors' embodied in an individual, runs the risk of all kinds of reductionism –

simplifying a process which *is* agentic: as Byng and colleagues suggest, suicide could be understood as “one of life’s ultimate acts” (2015: p. 937)<sup>3</sup>.

Sociological theory and research continues to grapple with the concept of agency (Burkitt, 2016; Emirbayer & Mische, 1998; McNay, 2008), and reflection on the position of qualitative accounts of suicide and self-harm within suicidology highlights the enduring importance of these debates. Agency and the ascription of motivation are central to long-standing deliberations regarding the definition of self-harm and suicide (Chaney, 2017; Jaworski, 2014; Millard, 2015). This issue has been recently played out in discussions regarding the DSM-5 (American Psychiatric Association, 2013) and the inclusion of proposed new diagnoses: Suicidal Behaviour Disorder, and Non-Suicidal Self-Injury (Chandler, 2016). These diagnoses rest, ultimately, on the ascription of motive to a particular act (self-harm), which in turn relies (perversely given the subordinate position of qualitative research in suicidology) on the accounts of those who self-harm<sup>4</sup>. Both psychological and sociological perspectives can be enrolled to trouble such an ascription. Within suicidology, psychiatrists and psychologists alike have noted that motives – and methods – for self-harm may change over time, be multiple and contradictory, or reflect deep ambivalence about life or death (Arensman & Keeley, 2012; De Leo, 2011; Kapur et al., 2013). Sociologically, the status of accounts have long been an issue of importance (Mills, 1940; Scott & Lyman, 1968), and these theoretical and methodological discussions are directly relevant to understanding debates about motives, and the status of accounts about self-harm and suicide (Fincham et al., 2011).

## Enrolling agency in suicide research

Two studies reviewed in the qualitative chapter stand out in placing agency at the centre of analysis whilst also attending to the role of socioeconomic circumstances. Given Jaworski’s comments on the importance of gender in considerations of agency in suicide, it may be notable that one of these studies included a balanced sample of 25 men and 25 women, while the other interviewed men only. Redley (2003) sought to examine “how respondents interpret their lives” as well as “what they report” (p. 351), in interviews with 50 people who lived in an area of multiple deprivation and had been treated in hospital for self-harm. Such an approach was surprisingly absent across many of the other qualitative papers reviewed, which focused more often on ‘what’ accounts of suicide and self-harm contained rather than ‘how’ they were narrated (Barnes et al., 2016; Elliott et al., 2014; Neale, 2000). In part, this may

relate to the paucity of qualitative approaches in suicide research – meaning that researchers are of necessity addressing more basic questions in the first instance.

A more recent paper, by Byng and colleagues (2015) significantly pushes forward a sociological agenda in interpreting accounts of suicide and self-harm, drawing on Emirbayer and Mische's (1998) comprehensive examination of sociological approaches to the concept of agency. Their study examined accounts of men before and after release from prison, some of whom had a history of self-harm and suicide attempts, some who did not. As such, Byng and colleagues were able to interrogate the question of "why not?" self-harm/suicide raised by Redley's analysis (2003: p. 398).

A significant aspect of Byng et al's analysis is the role of mastery, and their enrolment of both sociological and psychological theory in seeking to understand the variations between participants reported histories of suicidal thoughts, self-harm, and adversity. They draw on the notion of mastery as a "pre-existing character trait" (p. 949) which may help explain why some individuals might 'succeed'<sup>5</sup> in carrying out suicide, where others embody more ambivalence, and less mastery, resulting in cycles of 'chaotic' non-fatal self-harm and substance use. Importantly, Byng et al. note that much of the focus of existing suicide prevention focuses on those who present with repeated self-harm. While presenting at hospital with self-harm is associated with an increased risk of death by suicide, many suicide deaths are enacted by people with no history of self-harm. This argument underlines the relevance of theoretically informed analyses which draw on both sociological *and* psychological traditions, in order to inform policy and practice in suicide prevention.

Byng et al identify a group of individuals who engage in repeated acts of self-harm, and who describe 'chaotic' lives in which they feel powerless, categorising these as embodying 'restricted agency', which is primarily iterative (following Emirbayer and Mische) or akin to Margaret Archer's 'fractured reflexives' (p. 948). This analysis resonates strongly with other qualitative accounts, but also with findings in the health psychology literature. For instance, Kirtley and O'Connor's discussion of defeat and entrapment indicates significant parallels with the notion of 'restricted agency'. Further, in both analyses a link is made with the role of life histories. Emirbayer and Mische's concept of iterative agency relates to an individual reflecting and drawing upon a remembered history; while Kirtley and O'Connor highlight the role of defeat and entrapment in inhibiting autobiographical memory and limiting an individual's "social problem-solving ability". As such, the concept of agency has clear

relevance to psychological models of suicidal behaviour (such as O'Connor's IMV) which engage directly with the role of individual choice and the ability to reflect, and the psychological factors which might mediate this. These insights indicate a potentially productive focus for sociological and psychological collaboration.

However, a key divergence between psychological and sociological approaches with regard to the role of life histories and their impact on current reasoning, reflection and agency, lies in the different lenses applied. While the quantitative studies which inform psychological thinking maintain a necessary focus on an individual, with fairly linear reasoning; sociological theory encourages a broader, more complex view of the relationships between individual agency, social structures, and cultural contexts, filling in gaps which are featured in models like O'Connor's IMV (e.g. in the form of background or environmental factors) but not fully fleshed out. This is reflected in Redley's (2003) analysis, where he argues that the material realities of life in an area of multiple deprivation shape the availability of different ways of interpreting and giving meaning to one's life and future options. Similarly, Fincham, and colleagues (Fincham et al., 2011; Shiner et al., 2009) highlighted the importance of lifestage, and social expectations regarding this, in understanding the ways in which individuals reflected upon their lives in ways which might make suicide more possible. Finally, papers by Fullagar (2003) and Bryant and Garnham (2015) point to the importance of political and ideological contexts in shaping individual responses to hardship; in particular the effect of neoliberalism on emphasising personal responsibility for 'failure' to achieve or persevere in the face of economic challenges.

## **Building on intersections in future suicide research**

Contrasting attempts by health psychologists Kirtley and O'Connor, and sociologist Chandler, to advance understandings of the relationship between socioeconomic inequalities and suicide highlights important intersections between health psychology and sociology, which may offer productive arenas for future interdisciplinary collaborations. In short, future suicide research would benefit immeasurably from careful, critical studies which draw on pluralistic methodologies (Hjelmeland & Knizek, 2011) which incorporate insights from psychology and sociology, as well as from other disciplines. Such collaboration is necessary if researchers are to advance efforts to understand and intervene in suicide on an individual and population level. The intersections noted above point to fertile starting points for such collaborative efforts.

The health psychology literature reviewed by Kirtley and O'Connor was shown to work well with O'Connor's IMV model for understanding the psychological drivers for suicide, and how these may be adapted to understand the role of socioeconomic contexts. A strength of the IMV is its acknowledgement of the relevance of social contexts – via 'environment'. However, as discussed above, a reliance on quantitative, psychologically informed studies limits the ability of researchers to creatively think between macro and micro contexts. This is a key point at which sociological perspectives might productively contribute. Current sociological work addressing socioeconomic inequalities and suicide is *also* constrained, though, by a similar reliance on quantitative approaches. This reliance means that reflections on the impact of socioeconomic inequalities on individual cases of suicide or self-harm are, in most cases, little more than guess work and imaginative projection.

A further criticism which has been levelled at psychological models of suicide, which draw largely on quantitative evidence, is their linearity, and what Hjelmeland & Knizek refer to as "cause and effect thinking" (2016). Interestingly, the literature discussed in this paper evidenced such thinking across psychological, sociological *and* qualitative literatures. This is an important, though perhaps less promising, intersection. A useful illustration of the challenges of such thinking can be seen in the way in which emotions or feelings are enrolled across the studies reviewed. In O'Connor's IMV model, feelings are clearly situated prior to a suicidal act/thought, and while positioned in a social context of sorts, are nonetheless framed as being within an individual. A person experiences defeat or humiliation, they feel entrapped, and for some individuals (with particular vulnerabilities, or exposures e.g. to others' suicidal practices) this may lead them to suicide or self-harm.

In contrast, other work on emotions and suicide, drawing on both sociology and on a post-colonial inspired critical theory, emphasises the way in which particular political and ideological programmes, enacted through policy, media reporting, and public understandings may promulgate particular 'psychic lives' (Bryant & Garnham, 2015; Fullagar, 2003; Mills, 2018). In these analyses, drawing on qualitative data, emotions are understood to be generated socially through government policies (e.g. austerity), economic ideologies (e.g. neoliberalism), but internalised and reinterpreted as individual concerns and responsibilities. Such approaches question the status of accounts which unproblematically link feelings of, for instance, shame or humiliation to an individual response to difficult circumstances; emphasising the cultural and social origins of shame, whilst retaining awareness of the individual and sometimes fatal consequences of such feelings.

Research such as Mills' (2017) psychopolitical autopsy, Byng et al.'s (2015) enrolment of agency and mastery, and McDermott and Roen's (2016) detailed analysis of accounts of queer youth who self-harm, each point towards a rich arena where sociological, psychological and theoretical expertise from elsewhere might work together to 'revitalise' suicidology (Fitzgerald et al., 2016). However, if this is to occur, then the methodological and theoretical disconnects highlighted in this paper need to be addressed. The emergent field of 'critical suicide studies' is one such arena where this may occur, providing a space where more 'dangerous liaisons' between psychology, sociology and others might occur. However, if such work is to have greater impact, then these efforts must reach 'mainstream' suicidology as well<sup>6</sup>. Steps towards this would include the development of collaborative, multi-disciplinary and mixed methods research teams; and alteration of publication policies of mainstream suicide research journals (Hjelmeland & Knizek, 2011). Further, sociologists should be encouraged to step into suicide research in greater numbers. Insights from sociology are much needed, and yet they remain curiously side-lined within suicide research.

## Acknowledgements

Many thanks to Samaritans, and particularly Steve Platt and Stephanie Stace, for leading the Dying from Inequalities report which informed this paper. Thank you to Rory O'Connor and Olivia Kirtley for conversations about the intersections between our work, particularly Olivia who commented in detail on an earlier draft. The paper benefitted from constructive and critical comments from the Usher Institute social sciences group, the special issue editors and an anonymous reviewer.

## Funding

This work was supported by Samaritans, as part of the author's contribution to the *Dying from Inequalities* report. All views are the authors alone.

## Notes

1. Defining suicide and self-harm is challenging and contested. In this paper, I deliberately address *both* suicide (deaths understood to result from an individual acting towards themselves) *and* self-harm (an act of harm towards the self). While individual accounts of self-harm (particularly self-cutting) often frame this as the 'opposite of suicide', there are – arguable, contested – relationships between self-harming practices which do and do not result in death. Admission to hospital for self-harm is a key 'risk factor' in suicide, for instance, and qualitative accounts of self-harm also indicate fluctuating motivations, or ambivalence about life and death.

2. In the UK the definition of self-harm used in health research and policy incorporates any act of harm to the self that does not result in death, irrespective of the apparent purpose of the act (NICE, 2011)
3. Though, again with reference to Jaworski, it may be notable that Byng et al.'s study was with men only, which may explain (however inadvertently) their focus on locating agency in self-harm and suicidal actions among the sample.
4. With suicide the account is rendered void by the existence of a dead body – but see Jaworski 2014 for an account which troubles this connection.
5. Using the term 'succeed' in relation to completion of suicide is contested in suicidology, as it can imply that completing suicide is a 'successful' or 'positive' outcome; and conversely that self-harm that does not result in death is a 'failed' attempt. However, I use the term here because Byng et al. use it in their article.
6. This point was raised by colleagues at the Critical Suicidology 2.0 conference, Canterbury Christ Church University June 2017.

## References

- Abrams, L. and Gordon, A. (2003) Self-Harm Narratives of Urban and Suburban Young Women *Affilia* 18 4, 429-444.
- Abrutyn, S. (2017) What Hindu Sati can teach us about the sociocultural and social psychological dynamics of suicide, *Journal for the Theory of Social Behaviour*, 47, 4, 522-539.
- Abrutyn, S. and Mueller, A.S. (2014) The Socioemotional Foundations of Suicide: A Microsociological View of Durkheim's Suicide, *Sociological Theory*, 32, 4, 327-351.
- Abrutyn, S. and Mueller, A.S. (2016) When Too Much Integration and Regulation Hurts: Reenvisioning Durkheim's Altruistic Suicide, *Society and Mental Health*, 6, 1, 56-71.
- Ahmed, S. (2014) *The Cultural Politics of Emotion*, Edinburgh: Edinburgh University Press.
- American Psychiatric Association (2013) *Diagnostic and statistical manual of mental disorders: DSM-5*, Arlington, VA: American Psychiatric Association.
- Arensman, E. and Keeley, H. (2012) Defining intent, *Psychiatry Professional*, Spring 2012, 8-9.
- Atkinson, J.M. (1978) *Discovering Suicide: Studies in the Social Organization of Sudden Death*, London: Macmillan Press.
- Barnes, M.C., Gunnell, D., Davies, R., Hawton, K., Kapur, N., Potokar, J. and Donovan, J.L. (2016) Understanding vulnerability to self-harm in times of economic hardship and austerity: a qualitative study, *BMJ Open*, 6, 2.
- Baudelot, C. and Establet, R. (2008) *Suicide: The Hidden Side of Modernity*, Cambridge: Polity.
- Braswell, H. and Kushner, H.I. (2012) Suicide, social integration, and masculinity in the U.S. military, *Social Science & Medicine*, 74, 4, 530-536.
- Bryant, L. and Garnham, B. (2015) The fallen hero: masculinity, shame and farmer suicide in Australia, *Gender, Place & Culture*, 22, 1, 67-82.
- Burkitt, I. (2014) *Emotions and Social Relations*, London: Sage.

- Burkitt, I. (2016) Relational agency, *European Journal of Social Theory*, 19, 3, 322-339.
- Byng, R., Howerton, A., Owens, C.V. and Campbell, J. (2015) Pathways to suicide attempts among male offenders: the role of agency, *Sociology of Health & Illness*, 37, 6, 936-951.
- Carr, M.J., Ashcroft, D.M., Kontopantelis, E., Awenat, Y., Cooper, J., Chew-Graham, C., Kapur, N. and Webb, R.T. (2016) The epidemiology of self-harm in a UK-wide primary care patient cohort, 2001–2013, *BMC Psychiatry*, 16, 1, 53.
- Chandler, A. (2016) *Self-injury, medicine and society: authentic bodies*, Basingstoke: Palgrave Macmillan.
- Chandler, A. (2017) Explaining the relationship between socioeconomic disadvantage, self-harm and suicide: a qualitative synthesis of the accounts of those who have self-harmed *Socioeconomic Disadvantage and Suicidal Behaviour*, London: Samaritans.
- Chandler, A. (2018) Seeking secrecy: a qualitative study of younger adolescents' accounts of self-harm, *YOUNG: Nordic Journal of Youth Research*, 26, 4, 313-331.
- Chandler, A., King, C., Burton, C. and Platt, S. (2016) General Practitioners' Accounts of Patients Who Have Self-Harmed A Qualitative, Observational Study, *Crisis The Journal of Crisis Intervention and Suicide Prevention*, 37, 42-50.
- Chaney, S. (2017) *Psyche the Skin: A History of Self-Harm*, London: Reaktion Books.
- Coope, C., Gunnell, D., Hollingworth, W., Hawton, K., Kapur, N., Fearn, V., Wells, C. and Metcalfe, C. (2014) Suicide and the 2008 economic recession: Who is most at risk? Trends in suicide rates in England and Wales 2001–2011, *Social Science & Medicine*, 117, 0, 76-85.
- De Leo, D. (2011) Editorial: DSM-V and the Future of Suicidology, *Crisis: The Journal of Crisis Intervention and Suicide Prevention*, 32, 5, 233-239.
- Denzin, N.K. (2007) *On Understanding Emotion*, New Brunswick: Transaction Publishers.
- Douglas, J. (1967) *The Social Meanings of Suicide*, Princeton: Princeton University Press.
- Durkheim, E. (1952) *Suicide: A Study in Sociology*, London: Routledge & Kegan Paul.
- Elliott, M., Naphan, D.E. and Kohlenberg, B.L. (2014) Suicidal behavior during economic hard times, *International Journal of Social Psychiatry*, 61, 5, 492-497.
- Emirbayer, M. and Mische, A. (1998) What Is Agency?, *American Journal of Sociology*, 103, 4, 962-1023.
- Everall, R.D., Bostik, K.E. and Paulson, B.L. (2006) Being in the Safety Zone: Emotional Experiences of Suicidal Adolescents and Emerging Adults, *Journal of Adolescent Research*, 21, 4, 370-392.
- Fincham, B., Langer, S., Scourfield, J. and Shiner, M. (2011) *Understanding Suicide: A Sociological Autopsy*, London: Palgrave Macmillan.
- Fitzgerald, D., Rose, N. and Singh, I. (2016) Revitalizing sociology: urban life and mental illness between history and the present, *The British Journal of Sociology*, 67, 1, 138-160.
- Fitzpatrick, S.J., Hooker, C. and Kerridge, I. (2015) Suicidology as a Social Practice, *Social Epistemology*, 29, 3, 303-322.
- Fullagar, S. (2003) Wasted lives: The social dynamics of shame and youth suicide, *Journal of Sociology*, 39, 3, 291-307.
- Geulayov, G., Kapur, N., Turnbull, P., Clements, C., Waters, K., Ness, J., Townsend, E. and Hawton, K. (2016) Epidemiology and trends in non-fatal self-harm in three centres in England, 2000–2012: findings from the Multicentre Study of Self-harm in England, *BMJ Open*, 6, 4.
- Giddens, A. (1965) The Suicide Problem in French Sociology, *The British Journal of Sociology*, 16, 1, 3-18.

- Gove, W.R. (1972) Sex, Marital Status and Suicide, *Journal of Health and Social Behavior*, 13, 2, 204-213.
- Gunnell, D., Middleton, N., Whitley, E., Dorling, D. and Frankel, S. (2003) Why are suicide rates rising in young men but falling in the elderly?—a time-series analysis of trends in England and Wales 1950–1998, *Social Science & Medicine*, 57, 4, 595-611.
- Haw, C., Hawton, K., Gunnell, D. and Platt, S. (2015) Economic recession and suicidal behaviour: Possible mechanisms and ameliorating factors, *Int J Soc Psychiatry*, 61, 1, 73-81.
- Hjelmeland, H. (2015) A Critical Look at Current Suicide Research, In White, J., Marsh, I., Kral, M.J. and Morris, J. (eds) *Critical Suicidology: Transforming Suicide Research and Prevention for the 21st Century*, Vancouver: UBC Press.
- Hjelmeland, H. and Knizek, B.L. (2010) Why We Need Qualitative Research in Suicidology, *Suicide and Life-Threatening Behavior*, 40, 1, 74-80.
- Hjelmeland, H. and Knizek, B.L. (2011) What Kind of Research Do We Need in Suicidology Today?, In O'Connor, R.C., Platt, S. and Gordon, J. (eds) *International Handbook of Suicide Prevention: Research, Policy and Practice*, Oxford: John Wiley & Sons, Ltd. pp. 591-608.
- Hjelmeland, H. and Knizek, B.L. (2016) Time to Change Direction in Suicide Research *The International Handbook of Suicide Prevention*: John Wiley & Sons, Ltd. pp. 696-709.
- Huey, L., Hryniewicz, D. and Fthenos, G. (2014) “I had a lot of anger and that’s what kind of led me to cutting myself”: Employing a social stress framework to explain why some homeless women self-injure, *Health Sociology Review*, 3864-3890.
- Insel, T.R. (2014) The NIMH Research Domain Criteria (RDoC) Project: Precision Medicine for Psychiatry *The American Journal of Psychiatry*, 171, 4, 395-397.
- Jaworski, K. (2014) *The Gender of Suicide*, Aldershot: Ashgate.
- Kapur, N., Cooper, J., O'Connor, R.C. and Hawton, K. (2013) Non-suicidal self-injury v. attempted suicide: new diagnosis or false dichotomy?, *Br J Psychiatry*, 202.
- Kidd, S.A. (2004) “The Walls Were Closing in, and We Were Trapped”: A Qualitative Analysis of Street Youth Suicide, *Youth & Society*, 36, 1, 30-55.
- Kirtley, O. and O'Connor, R.C. (2017) Socioeconomic disadvantage and suicidal behaviour: psychological factors, In Samaritans (ed) *Socioeconomic disadvantage and suicidal behaviour: full report*.
- Klonsky, E.D., Saffer, B.Y. and Bryan, C.J. (2017) Ideation-to-Action Theories of Suicide: A Conceptual and Empirical Update, *Current Opinion in Psychology*.
- Marsh, I. (2010) *Suicide: Foucault, History and Truth*, Cambridge: Cambridge University Press.
- McDermott, E. and Roen, K. (2016) *Queer Youth, Suicide and Self-Harm - Troubled Subjects, Troubling Norms*, Basingstoke: Palgrave Macmillan.
- McNay, L. (2008) The Trouble with Recognition: Subjectivity, Suffering, and Agency\*, *Sociological Theory*, 26, 3, 271-296.
- Millard, C. (2015) *A History of Self-Harm in Britain: A Genealogy of Cutting and Overdosing*, Basingstoke: Palgrave Macmillan.
- Mills, C. (2018) ‘Dead people don’t claim’: A psychopolitical autopsy of UK austerity suicides, *Critical Social Policy*, 38, 2, 302-322.
- Mills, C.W. (1940) Situated Actions and Vocabularies of Motive, *American Sociological Review*, 5, 6, 904-913.
- Mok, P.L.H., Leyland, A.H., Kapur, N., Windfuhr, K., Appleby, L., Platt, S. and Webb, R.T. (2012) Why does Scotland have a higher suicide rate than England? An area-level investigation of health and social factors, *Journal of Epidemiology and Community Health*.

- Mueller, A.S. and Abrutyn, S. (2016) Adolescents under Pressure: A New Durkheimian Framework for Understanding Adolescent Suicide in a Cohesive Community, *American Sociological Review*, 81, 5, 877-899.
- Neale, J. (2000) Suicidal intent in non-fatal illicit drug overdose, *Addiction*, 95, 1, 85-93.
- NICE (2011) Self-harm: longer-term management, *National Institute for Health and Clinical Excellence*.
- O'Connor, R.C. (2011) The integrated motivational-volitional model of suicidal behavior, *Crisis*, 32, 6, 295-8.
- Padgett, D.K., Smith, B.T., Henwood, B.F. and Tiderington, E. (2012) Life Course Adversity in the Lives of Formerly Homeless Persons With Serious Mental Illness: Context and Meaning, *American Journal of Orthopsychiatry*, 82, 3, 421-430.
- Pickersgill, M. (2011) 'Promising' therapies: neuroscience, clinical practice, and the treatment of psychopathy, *Sociology of Health & Illness*, 33, 3, 448-464.
- Pickersgill, M., Niewöhner, J., Müller, R., Martin, P. and Cunningham-Burley, S. (2013) Mapping the new molecular landscape: social dimensions of epigenetics, *New Genetics and Society*, 32, 4, 429-447.
- Platt, S. (2011) Inequalities and Suicidal Behaviour, In O'Connor, R.C., Platt, S. and Gordon, J. (eds) *International Handbook of Suicide Prevention: Research, Policy and Practice*, Oxford: Wiley-Blackwell. pp. 211-234.
- Platt, S., Pavis, S., Sharpe, M. and O'May, F. (2005) Contextual effects in suicidal behaviour: evidence explanation and implications, In Hawton, K. (ed).
- Recker, N.L. and Moore, M.D. (2016) Durkheim, social capital, and suicide rates across US counties, *Health Sociology Review*, 25, 1, 78-91.
- Redley, M. (2003) Towards a new perspective on deliberate self-harm in an area of multiple deprivation, *Sociology of Health and Illness*, 25, 4, 348-373.
- Rhodes, T. and Treloar, C. (2008) The social production of hepatitis C risk among injecting drug users: a qualitative synthesis, *Addiction*, 103, 10, 1593-1603.
- Rose, N. (2013) The Human Sciences in a Biological Age, *Theory, Culture & Society*, 30, 1, 3-34.
- Samaritans (2017) Socioeconomic Disadvantage and Suicidal Behaviour, London: Samaritans.
- Scheff, T.J. (1990) *Microsociology: Discourse, Emotion, and Social Structure*, Chicago: University of Chicago Press.
- Scheff, T.J. (2000) Shame and the Social Bond: A Sociological Theory, *Sociological Theory*, 18, 1, 84-99.
- Scheff, T.J. (2014) The Ubiquity of Hidden Shame in Modernity, *Cultural Sociology*, 8, 2, 129-141.
- Scheff, T.J. and Retzinger, S.M. (2001) *Emotions and Violence: Shame and Rage in Destructive Conflicts*, Lincoln: iUniverse inc.
- Scott, M.B. and Lyman, S.M. (1968) Accounts, *American Sociological Review*, 33, 1, 46-62.
- Scourfield, J., Fincham, B., Langer, S. and Shiner, M. (2012) Sociological autopsy: An integrated approach to the study of suicide in men, *Social Science & Medicine*, 74, 466-473.
- Sedgwick, E.K. (2003) *Touching Feeling: Affect, Pedagogy, Performativity*, Durham: Duke University Press.
- Shiner, M., Scourfield, J., Fincham, B. and Langer, S. (2009) When things fall apart: Gender and suicide across the life-course, *Social Science & Medicine*, 69, 5, 738-746.
- Stack, S. (1982) Suicide: A decade review of the sociological literature, *Deviant Behavior*, 4, 1, 41-66.

- Stack, S. (2000a) Suicide: A 15-Year Review of the Sociological Literature. Part I: Cultural and Economic Factors, *Suicide and Life-Threatening Behavior*, 30, 2, 145-162.
- Stack, S. (2000b) Suicide: A 15-Year Review of the Sociological Literature. Part II: Modernization and Social Integration Perspectives., *Suicide & Life-Threatening Behavior*, 30, 2, 163-176.
- Stack, S. and Wasserman, I. (2007) Economic Strain and Suicide Risk: A Qualitative Analysis, *Suicide and Life-Threatening Behavior*, 37, 1, 103-112.
- Stack, S. and Wasserman, I. (2009) Gender and Suicide Risk: The Role of Wound Site, *Suicide and Life-Threatening Behavior*, 39, 1, 13-20.
- Walker, R. (2014) *The Shame of Poverty*, Oxford: Oxford University Press.
- White, J., Marsh, I., Kral, M.J. and Morris, J. (2016) *Critical Suicidology: Transforming Suicide Research and Prevention for the 21st Century*, Vancouver: UBC Press.
- Williams, S. and Bendelow, G. (1998) Introduction: emotions in social life - mapping the sociological terrain, In Bendelow, G. and Williams, S. (eds) *Emotions in Social Life: Critical Themes and Contemporary Issues*, London: Routledge.
- Williams, S.J. (2001) *Emotion and Social Theory*, London: Sage.
- Wray, M., Colen, C. and Pescosolido, B. (2011) The Sociology of Suicide, *Annual Review of Sociology*, 37, 1, 505-528.