Abstract

Objective: The study objective was to determine the nature and prevalence of childhood maltreatment experiences among lesbian, gay, and bisexual adults and to compare findings to those obtained from similar heterosexual adults.

Method: Data from the National Survey of Midlife Development in the United States (MIDUS), which measured both childhood experiences with parental emotional and physical maltreatment and adult sexual orientation, were used to compare childhood maltreatment experiences of 2917 heterosexual, homosexual, and bisexual individuals, age 25–74 years, separately by gender.

Results: Homosexual/bisexual men reported higher rates than heterosexual men of childhood emotional and any physical maltreatment (including major physical maltreatment) by their mother/maternal guardian and major physical maltreatment by their father/paternal guardian. In contrast, homosexual/bisexual women, as compared to heterosexual women, reported higher rates of major physical maltreatment by both their mother/maternal guardian and their father/paternal guardian. Differences among individuals with differing sexual orientations were most pronounced for the more extreme forms of physical maltreatment.

Conclusions: Adult minority sexual orientation is a risk indicator for positive histories of experiencing parental maltreatment during childhood. While the reasons for this are beyond the scope of the current
study, previous research suggests that childhood individual differences, including possibly gender atypicality, may be a causal factor.

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Keywords: Child maltreatment; Child abuse; Homosexuality

Introduction

Maltreatment during childhood, including physical, sexual, psychological, and emotional abuse and/or neglect, continues to be an important public health concern in the United States (US Department of Health and Human Services, Administration on Children, Youth and Families, 2001). According to official government statistics, believed to underestimate the problem, approximately 1.2% of children are seriously maltreated each year (US Department of Health and Human Services, Administration on Children, Youth and Families, 2001). In addition to the immediate threat of physical and psychological harm to the child, childhood maltreatment has been shown to be associated with various adverse mental and physical health outcomes in adulthood, including affective and anxiety disorders, eating disorders, suicidal ideation, substance abuse, and high-risk sexual behavior (Arellano, 1996; Bartholow et al., 1994; Felitti et al., 1998; Fergusson & Lynskey, 1997; Glod, 1993; Kessler, Davis, & Kendler, 1997; Langeland & Hartgers, 1998; Malinosky-Rummell & Hansen, 1993; Moeller, Bachmann, & Moeller, 1993; Molnar, Buka, & Kessler, 2001; Paul, Catania, Pollack, & Stall, 2001; Silverman, Reinherz, & Giaconia, 1996; Walker et al., 1999).

While there is some uncertainty about the ways in which individual characteristics of a child may contribute to risk for maltreatment (Ammerman, 1991), there are some characteristics that do appear to be correlated with the occurrence of childhood abuse and neglect (Friedrich & Boriskin, 1976). Children with a physical or mental disability (Goldson, 1998; Sullivan & Knutson, 2000; Westcott & Jones, 1999) and those exhibiting opposite sex-linked behaviors (McConaghy & Silove, 1992) experience higher rates of abuse and neglect and overall poorer relationships with their parents. There is also growing suspicion that some who identify as gay, lesbian, or bisexual, either in adolescence or eventually adulthood, may experience higher rates of maltreatment during childhood and adolescence (Tjaden, Thoennes, & Allison, 1999).

This may be due to the stigma associated with minority sexual orientation, differences in problem behaviors such as drug or alcohol use (Fergusson, Horwood, & Beautrais, 1999; Garofalo, Wolf, Kessel, Palfrey, & DuRant, 1998; Russell, Driscoll, & Truong, 2002; Saewyc, Bearinger, Heinz, Blum, & Resnick, 1998), and/or gender nonconformity (Harry, 1989).

Although research in this area has been hampered by methodological difficulties, over the last several years studies have repeatedly documented that help-seeking lesbian, gay, and bisexual youth commonly report positive histories of victimization and abuse (Hunter, 1990; Martin & Hetrick, 1988; Remafedi, 1987; Rotheram-Borus, Rosario, & Koopman, 1991). For example, Martin and Hetrick (1988) found that over 40% of youth seeking services at an agency serving homosexually oriented adolescents reported experiencing physical violence, with approximately half of the violence occurring within their families, mostly in interactions with parents. Twenty-two percent of clients within this agency also reported experiencing
sexual abuse. Although youth seeking social services might be more likely than other youth to experience maltreatment, a later study that recruited lesbian, gay, and bisexual participants from nonclinical settings also observed high prevalence of familial physical and psychological victimization (Pilkington & D’Augelli, 1995). Further, several recent school-based surveys of adolescents in Massachusetts (Faulkner & Cranston, 1998; Garofalo et al., 1998; Garofalo Wolf, Wissow, Woods, & Goodman, 1999) and Minnesota (Saewyc, Bearinger, Blum, & Resnick, 1999) report higher rates of violent victimization generally within the context of school and community settings among youth reporting either same-gender sexual behavior or a lesbian, gay, or bisexual identity.

Surveys of homosexual and bisexual adults recalling their childhood experiences are less common and the evidence for greater risk for maltreatment is equivocal. Convenience-drawn samples find frequent retrospective reports of childhood maltreatment among lesbians and gay men (Bradford, Ryan, & Rothblum, 1994; Doll, Joy, Bartholow, & Harrison, 1992; Lehmann Lehmann, & Kelly, 1998). However, when heterosexual comparison groups are included, similar rates of retrospective self-reports of childhood sexual abuse for heterosexual women and lesbian respondents are observed (Griffith, Myers, Cusick, & Tankersley, 1997; Weingourt, 1998). We are aware of only one published population-based study (Tjaden et al., 1999) that examined associations between childhood maltreatment and adult sexual orientation. Tjaden et al. (1999), using data from the National Violence Against Women Survey, demonstrated that respondents cohabiting with a same-sex partner were more likely than those cohabiting with an opposite-sex partner to report physical abuse by a parent or caretaker during childhood. Furthermore, the physical abuse reported by same-sex cohabitants was more severe.

In the present study, we examined the prevalence of retrospective reports of parental emotional and physical maltreatment during childhood among individuals who self-identified as either heterosexual or homosexual/bisexual in the 1996 National Survey of Midlife Development in the United States (MIDUS) (Brim et al., 1996). The objectives were twofold. The first was to estimate the prevalence and pattern of parental maltreatment experiences during childhood among self-identified homosexual and bisexual adults. The second objective was to investigate the possibility that minority sexual orientation is a risk indicator for childhood maltreatment.

Methods

Source of data

The data used for this study come principally from the self-administered questionnaire portion of the MIDUS. This survey was conducted in 1995–1996 by the John D. and Catherine T. MacArthur Foundation Network on Successful Midlife Development for the purpose of examining patterns, predictors, and consequences of midlife development in the areas of physical health, psychological well-being, and social responsibility (Brim et al., 1996). Eligible noninstitutionalized, English-speaking respondents between 25 and 74 years of age were recruited via a random digit dial telephone sampling frame of the United States with oversampling of men and older respondents. One respondent was selected from each eligible household and interviewed initially by phone. Respondents then completed and returned a self-administered
questionnaire which assessed both childhood maltreatment experiences and sexual orientation. The response rate for the telephone interview was 70% (n = 3485), and the conditional response rate for the self-administered questionnaire was 86.8%, for an overall response rate of 60.8% (n = 3032). The present study received IRB approval from the UCLA Office for the Protection of Research Subjects.

Measures

Sexual orientation. In the questionnaire, respondents were asked if they would describe their own sexual orientation as heterosexual (n = 2844), homosexual (n = 41), or bisexual (n = 32). The 115 respondents who did not answer this question were dropped from further analysis. While the basis for their nonresponse is unknown, previous research on determinants of missing sexual behavior data from a similar general population-based survey found positive associations between low respondent general cooperativeness and nonresponse to sexual behavior questions (Smith, 1992). This suggests that nonresponse to a sexual orientation question may reflect a general tendency for noncooperation rather than a specific reaction to the content of the question. For analytic purposes, individuals reporting either a homosexual or bisexual sexual orientation were combined into a single group to enhance statistical power.

Childhood maltreatment. The self-administered questionnaire assessed three components of childhood maltreatment committed at any time during the respondents’ childhood, by individual family members including parents or guardians. Parental maltreatment behaviors evaluated were adapted from the verbal aggression, minor violence, and severe violence subscales of the Conflict Tactics Scale (CTS), an instrument that measures behaviors used by family members in situations of conflict (Straus, 1979). In the CTS, each subscale contains a list of behaviors that can be queried separately for estimating rates of individual maltreatment behaviors and for deriving weighted maltreatment severity scores (Straus & Hamby, 1997). Although previous research evaluating reliability and validity of CTS indicate modest internal consistency reliability (average coefficient alpha of .68 for the verbal aggression subscale and .58 for the minor violence and severe violence subscales) and thus possible heterogeneity of behaviors among parents, there is good evidence demonstrating the validity of CTS as a measure of child maltreatment including both interfamily agreement and construct validity (Straus & Hamby, 1997). In the MIDUS, behaviors from each of the three subscales were combined into three separate questions assessing evidence for emotional, minor physical, and major physical maltreatment.

For all three categories of maltreatment, a list of behaviors was provided and respondents were given the following instructions: these are “... things that happen to some children. After each list, please indicate how often your parents, siblings, or anyone else did things like this to you.” For emotional maltreatment, the list specified the following behaviors: “Insulted you or swore at you,” “Sulked or refused to talk to you,” “Stomped out of the room,” “Did or said something to spite you,” “Threatened to hit you,” and “Smashed or kicked something in anger.” The list for minor physical maltreatment included: “Pushed, grabbed or shoved you,” “Slapped you,” and “Threw something at you.” The list for major physical maltreatment included: “Kicked, bit, or hit you with a fist,” “Hit or tried to hit you with something,” “Beat you up,” “Choked you,” and “Burned or scalded you.” For each of the three categories, respondents were asked,
in the case of their mother, “During your childhood, how often did your mother, or the woman who raised you, do any of the things on the list to you?” and in the case of their father, “During your childhood, how often did your father, or the man who raised you, do any of the things on the list to you?” Using a 1–5 scale (“often,” “sometimes,” “rarely,” “never,” or “does not apply”), respondents indicated the frequency with which the behaviors occurred. Those who failed to indicate in the parental part of the questionnaire a maternal relationship (or a maternal substitute) (.6% of the sample including 18 heterosexual and 0 gay/bisexual respondents) or a paternal relationship (or father substitute) (3.9%, including 108 heterosexual and 7 gay/bisexual respondents) were dropped from analyses for all questions related to that parental figure.

For this study, respondents were categorized as experiencing emotional maltreatment if they answered “often” or “sometimes” to the emotional maltreatment question. Consistent with previously published research on adult self-reports of childhood physical abuse (MacMillan et al., 1997; Mancini, Van Ameringen, & MacMillan, 1995), respondents were categorized as experiencing any physical maltreatment by a specific parental figure if they answered either “often” or “sometimes” to the minor physical maltreatment question or “often,” “sometimes” or “rarely” to the major physical maltreatment question. Additionally, individuals were categorized as experiencing major physical maltreatment if they answered “sometimes” or “often” to the major physical maltreatment question.

**Current psychological distress.** Psychological distress was measured by six items that respondents answered using a 5-point Likert-like scale ranging from “all of the time” to “never.” Specifically, they were asked the frequency with which in the past 30 days that they had felt “so sad nothing could cheer you up,” “nervous,” “restless or fidgety,” “hopeless,” that “everything was an effort,” or “worthless.” Because the measure assesses a single dimension of distress (Kessler, Mickelson, & Williams, 1999), individual items were summed and respondents scoring at the 83rd percentile or above (equivalent to 2 standard deviations above the mean if the distribution were normal) were coded as experiencing high current psychological distress (Cochran, Sullivan, & Mays, in press).

**Demographics.** Several demographic characteristics were assessed either in the telephone interview or questionnaire. These included age, ethnic/racial background (coded as non-Hispanic White vs. other), respondents’ education, respondents’ parental education (coded as less than high school degree vs. high school degree or more), and personal income.

**Data analysis**

Data were analyzed using STATA 6.0 (Statacorp, 1999) a software program designed to analyze complex weighted sample designs. The MIDUS data set includes trimmed weights adjusting for selection probability, nonresponse, and poststratification. Further information about the MIDUS study design is available on the MIDUS web page (http://midmac.med.harvard.edu). Multiple logistic regression methods were used to estimate associations of sexual orientation with childhood emotional and physical maltreatment adjusting for possible confounding due to age, race/ethnicity, education, parental education, and personal income, all of which are characteristics known to be associated with positive reports of child abuse histories.
(Brown, Cohen, Johnson, & Salzinger, 1998; Cappelleri, Eckenrode, & Powers, 1993; MacMillan et al., 1997; Wauchope & Straus, 1990). All models were estimated separately for men and women because of the documented gender differences in rates of abuse for men and women (MacMillan et al., 1997; Pilkington & D’Augelli, 1995). The Taylor series linearization method was used to estimate sampling variance for the logistic regression models (Lehtonen & Pahkinen, 1995). Odds ratios and 95% confidence intervals (CI) are reported. All statistical significance was evaluated using .05 level two-sided tests where appropriate. We report weighted sample sizes, point estimates, and variance estimates in the text and tables. All CI are estimated at the 95% level.

Results

Sample characteristics

In the sample, 2.5% of weighted respondents reported a homosexual or bisexual orientation (Table 1). The prevalence of homosexual or bisexual orientation was similar for both men (2.9%) and women (2.2%), $F = .84, p = .36$. Among men, homosexual/bisexual respondents were somewhat younger than heterosexual men. Among women, homosexual/bisexual women were more likely to be younger and to have higher incomes than heterosexual women. No other demographic differences were found.

Prevalence of childhood maltreatment

Overall, we estimate that 37% of the men, regardless of sexual orientation, reported experiencing emotional maltreatment, 37.4% any physical maltreatment, and 13% major physical maltreatment from at least one parent or parental guardian during childhood. Similarly, among women, we estimate that 37.4% had positive histories of emotional maltreatment, 31.1% any physical maltreatment, and 10.8% major physical maltreatment by at least one parent or guardian. After controlling for possible demographic confounding, no significant gender differences in rates of any emotional maltreatment ($p = .84$) were found. Men reported significantly higher rates of any physical maltreatment ($p = .02$) and somewhat higher rates of major physical maltreatment ($p = .08$). Furthermore, women were more likely to report maternal emotional maltreatment (26.1% vs. 20.5%; $p = .01$) while men were more likely to report paternal emotional maltreatment (30.7% vs. 24.3%; $p = .003$). Men were also more likely than women to report any physical maltreatment (31.5% vs. 18.8%; $p < .001$) or major physical maltreatment (10.2% vs. 6%; $p = .001$) by their fathers. In contrast, there were no significant gender differences in estimates of any physical (24.1% for both genders) or major physical maltreatment (6.8% among men vs. 7.2% among women) by respondents’ mothers.

Association of maltreatment with sexual orientation

After adjusting for possible confounding effects of demographic characteristics, differences were observed in the prevalence of childhood maltreatment among individuals of differing
Table 1
Characteristics of respondents in the National Survey of Midlife Development in the United States (MIDUS) by gender and sexual orientation

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Men</th>
<th>Women</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Heterosexual (wt n = 1242)</td>
<td>Gay/bisexual (wt n = 37)</td>
</tr>
<tr>
<td></td>
<td>(wt n = 1607)</td>
<td>Lesbian/bisexual (wt n = 37)</td>
</tr>
<tr>
<td>Age (years)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25–34</td>
<td>24.4</td>
<td>27.4</td>
</tr>
<tr>
<td>35–44</td>
<td>30.2</td>
<td>25.8</td>
</tr>
<tr>
<td>45–54</td>
<td>21.0</td>
<td>18.1</td>
</tr>
<tr>
<td>55–74</td>
<td>24.4</td>
<td>28.7</td>
</tr>
<tr>
<td></td>
<td>( p = .07 )</td>
<td>( p = .003 )</td>
</tr>
<tr>
<td>Race/ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>82.4</td>
<td>81.9</td>
</tr>
<tr>
<td>Other</td>
<td>17.6</td>
<td>18.1</td>
</tr>
<tr>
<td></td>
<td>( p = .43 )</td>
<td>( p = .85 )</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Some high school</td>
<td>14.2</td>
<td>14.4</td>
</tr>
<tr>
<td>High school degree</td>
<td>33.9</td>
<td>38.6</td>
</tr>
<tr>
<td>Some college</td>
<td>24.1</td>
<td>26.9</td>
</tr>
<tr>
<td>College degree</td>
<td>27.8</td>
<td>20.1</td>
</tr>
<tr>
<td></td>
<td>( p = .18 )</td>
<td>( p = .84 )</td>
</tr>
<tr>
<td>Paternal education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High school degree</td>
<td>65.4</td>
<td>58.1</td>
</tr>
<tr>
<td>No high school degree</td>
<td>34.6</td>
<td>41.9</td>
</tr>
<tr>
<td></td>
<td>( p = .32 )</td>
<td>( p = .44 )</td>
</tr>
<tr>
<td>Personal annual income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;$US 20,000</td>
<td>34.1</td>
<td>69.3</td>
</tr>
<tr>
<td>US $20,000 or more</td>
<td>65.9</td>
<td>30.7</td>
</tr>
<tr>
<td></td>
<td>( p = .26 )</td>
<td>( p = .04 )</td>
</tr>
</tbody>
</table>

Note: Actual sample size is 1382 heterosexual men, 1462 heterosexual women, 41 gay or bisexual men, and 32 lesbian or bisexual women. Weighted estimates shown. Differences estimated from logistic regression modeling evaluating the probability of minority sexual orientation from all demographic characteristics (age, race/ethnicity, education, parental education, and personal income) simultaneously.

sexual orientations when men and women were considered separately (Table 2). Across all three categories, homosexual/bisexual individuals as compared to heterosexual respondents showed higher frequencies of self-reported parental maltreatment by either parent, though this did not always achieve statistical significance. However, among men, homosexual/bisexual men were significantly more likely than heterosexual men to report histories of emotional and any physical maltreatment by their mothers and major physical maltreatment by either parent.
Table 2
Prevalence of childhood emotional and physical maltreatment by parents in the National Survey of Midlife Development in the United States (MIDUS) by gender and sexual orientation and results of multivariate logistic regression analyses

| Maltreatment measures | Men | | | Women | | | |  
|-----------------------|-----|-----|-----|-------|-----|-----|-----|-----|
|                       | Heterosexual | Gay/bisexual | Adjusted OR | Heterosexual | Lesbian/bisexual | Adjusted OR |
|                       | % (SE) | % (SE) | (95% CI) | % (SE) | % (SE) | (95% CI) |
| Emotional maltreatment | | | | | | | |  
| By mother             | 20.2 (1.2) | 32.1 (8.2) | 2.31* (1.07–4.97) | 25.9 (1.3) | 38.5 (10.2) | 1.62 (.66–3.98) |
| By father             | 30.3 (1.5) | 43.6 (9.6) | 1.57 (.70–3.54) | 24.2 (1.2) | 28.6 (9.3) | 1.38 (.49–3.87) |
| By either parent      | 36.5 (1.6) | 52.6 (9.5) | 2.12 (.93–4.85) | 37.2 (1.2) | 45.5 (9.7) | 1.69 (.65–4.36) |
| Any physical maltreatment | | | | | | | |  
| By mother             | 23.6 (1.3) | 42.6 (8.6) | 3.22* (1.62–6.40) | 23.7 (1.2) | 32.8 (10.2) | 1.42 (.52–3.83) |
| By father             | 31.2 (1.4) | 42.7 (8.6) | 1.50 (.71–3.15) | 18.6 (1.2) | 27.2 (9.2) | 2.15 (.76–6.08) |
| By either parent      | 37.1 (1.5) | 46.7 (8.7) | 1.61 (.77–3.37) | 30.9 (1.3) | 43.6 (10.1) | 2.31 (.87–6.09) |
| Major physical maltreatment | | | | | | | |  
| By mother             | 6.5 (.7) | 15.4 (6.5) | 3.58* (1.24–10.29) | 6.9 (.8) | 22.8 (9.6) | 4.25* (1.32–13.65) |
| By father             | 9.7 (1.0) | 25.3 (7.6) | 3.77* (1.60–8.85) | 5.8 (.6) | 15.1 (6.2) | 5.43* (1.83–16.12) |
| By either parent      | 12.5 (1.0) | 26.9 (7.5) | 3.17* (1.33–7.56) | 10.3 (.8) | 33.6 (9.4) | 8.37* (3.15–22.20) |

* Note: Weighted percentages and standard errors (SE) shown. Multiple logistic regression analyses conducted separately by gender. Odds ratios (OR) and 95% confidence intervals (CI) adjusted for age, race, education, maternal and/or paternal education, and personal income.

* p < .05.
In contrast, among women, differences were apparent only in positive histories of major physical maltreatment. Homosexual/bisexual women as compared to heterosexual women, were significantly more likely to report this with either parent.

To evaluate the robustness of the findings, a sensitivity analysis was performed on the three maltreatment measures. The effects of different frequency cut points on the associations between sexual orientation and reports of childhood maltreatment were investigated as a check on the stability of the findings. As an example, major physical maltreatment was re-coded as positive if respondents answered “often,” “sometimes,” or “rarely” on the major physical maltreatment question and again major physical maltreatment was re-coded as positive if respondents answered “often” on the major physical maltreatment question. Comparable re-coding manipulations were performed on the other maltreatment questions. The associations of the re-coded maltreatment variables with sexual orientation were then examined. Even though the prevalence estimates changed, as would be expected, the associations of sexual orientation with reports of maltreatment remained stable. Further, the possible effects of current psychological distress on the odds of reporting maltreatment were evaluated. After controlling for current distress, the findings also remained consistent.

When all three forms of maltreatment were considered, overall heterosexual men and women differed in their reports of any maltreatment by their fathers (40.7% among men vs. 29% among women; p < .001). Similarly homosexual/bisexual men reported higher rates than did homosexual/bisexual women of any maltreatment by their fathers (47.9% vs. 30.1%), though due to the small numbers of individuals this difference failed to achieve statistical significance. No significant difference was observed among heterosexual men and women in their reports of any form of maltreatment by their mothers (30.5% among men; 32.8% among women). This pattern of negligible difference appeared to be repeated in homosexual/bisexual respondents (47.7% of men; 43.8% of women).

Discussion

Findings from the current study indicate that adults with minority sexual orientation are more likely than heterosexual men and women to report childhood histories of parental maltreatment. By capitalizing on information available from a survey of adults older than the average age at which the majority of individuals establish a stable pattern of adult sexual orientation (D’Augelli, 1996), this study was able to avoid the biasing effects of early identification with a minority sexual orientation that may underlie some of the previously reported findings from research with lesbian and gay youth (Hunter, 1990; Martin & Hetrick, 1988; Remafedi, 1987; Rotheram-Borus et al., 1991; Saewyc et al., 1999). This is an important issue because early onset of homosexual identification, same-sex behavior, and disclosure of minority sexual orientation to others are thought to be positively associated with childhood maltreatment (Harry, 1989).

The reliance on retrospective self-reports of childhood maltreatment, however, frames the discussion of the findings. The validity of retrospective self-report of childhood maltreatment experiences has been the subject of much debate (Brewin, Andrews, & Gotlib, 1993; Della Femina, Yeager, & Lewis, 1990; Fergusson, Horwood, & Woodward, 2000; Prescott et al.,

2000; Silvern, Waelde, Baughan, Karyl, & Kaersvang, 2000; Widom & Shepard, 1996). Some (Carlin et al., 1994; Silvern et al., 2000) contend that retrospective reports of childhood abuse are valid, but in general, tend to underestimate rates of abuse. Some, though, argue that retrospective reports, rather than measuring actual experiences of abuse, might reflect individuals’ current states or a need to justify negative situations such as having psychological problems (for discussion see Silvern et al., 2000). In this regard, current depressed mood may influence self-reported recollections of childhood maltreatment in adults (Lewinsohn & Rosenbaum, 1987; Prescott et al., 2000), though others do not find this effect (Brewin et al., 1993; Fergusson et al., 2000; Robins, 1985). While it cannot be stated with certainty that the reports of childhood maltreatment in MIDUS reflect accurate reporting of childhood experiences, there was no reduction in the strength of association between sexual orientation and positive reports of childhood maltreatment after controlling for the effect of current levels of psychological distress.

There may be other potential sources of bias in our findings, including possibly a willingness to disclose stigmatizing personal information that may have generated the positive associations we observed between minority sexual orientation and reports of child maltreatment. An additional limitation in the study includes somewhat younger age of homosexual/bisexual respondents who may have been more likely to remember or report childhood maltreatment experiences, though we did attempt to adjust for the age difference effects. Another limitation is that MIDUS did not collect data on sexual abuse, so we were unable to evaluate risk of childhood sexual abuse in conjunction with the other forms of maltreatment. Finally, the small numbers of respondents who reported a minority sexual orientation resulted in imprecise estimates of maltreatment prevalence among gay, lesbian, and bisexual persons.

Nevertheless, the results of this study do suggest that homosexual and bisexual individuals, as compared to heterosexual men and women, more frequently report as adults parental maltreatment during childhood. For men, this difference achieved statistical significance in reports of emotional and any physical maltreatment by their mothers or maternal guardians. For both men and women, this difference achieved significance in reports of severe forms of childhood physical maltreatment by either parent.

The findings reported here add to the small, but growing body of research (Faulkner & Cranston, 1998; Garofalo et al., 1998, 1999; Harry, 1989; Saewyc et al., 1999; Tjaden et al., 1999) indicating that individuals who eventually identify as lesbian and gay may be at greater risk for maltreatment during childhood. There are many individual, family, and societal-level risk and protective factors that contribute to the occurrence of child abuse (Brown et al., 1998; Kotch, Muller, & Blakely, 1999). In the case of individuals with minority sexual orientation, we can suggest at least four possible mechanisms. First, direct disclosure by a child or adolescent of a sexual minority orientation to parents may generate risk for parental maltreatment (D’Augelli, Hershberger, & Pilkington, 1998; Pilkington & D’Augelli, 1995). Second, it is also possible that youth with a sexual minority orientation may be more likely to participate in disruptive behaviors such as tobacco use, drug use, or alcohol abuse, which might lead to greater conflict with parents (Fergusson et al., 1999; Garofalo et al., 1998; Russell et al., 2002; Saewyc et al., 1998). A third plausible explanation is that children who grow up to establish a minority sexual orientation in adulthood may be proportionally more likely to display gender atypicality behaviors during childhood, which could place them at risk for maltreatment. In support of this
There is some evidence that male homosexuality may be associated with a greater likelihood of female-linked preferences in childhood and female homosexuality with more male-linked childhood preferences (Bailey & Zucker, 1995). Gender atypicality is known to be associated with poorer relationships with parents as well as parental maltreatment (Harry, 1989; McConaghy & Silove, 1992). There may also be other, as yet, unidentified childhood behaviors and preferences that signal to parents an emerging nonheterosexual sexual orientation. Finally, there is also evidence from a longitudinal birth cohort study in New Zealand that children who eventually identified as gay, lesbian, or bisexual at age 21 years differed from others on some family characteristics (Fergusson et al., 1999). Specifically, they were more likely to come from families with higher rates of parental change, such as separation or divorce, and to have parents who had a history of criminal offense. Both of these family characteristics were positively associated with child physical maltreatment (Fergusson & Lynskey, 1997). Thus, the association we observed may, in fact, be confounded with unmeasured familial factors and environmental adversities. Further, given the cross-sectional nature of the study design, it is possible that early experiences with childhood maltreatment may influence adult sexual orientation. Only future research will be able to determine the complex web of factors that may place gay, lesbian, and bisexual individuals at higher risk for parental maltreatment during childhood and adolescence.

The importance of the current findings cannot be underestimated. Experiences of both physical and psychological/emotional maltreatment during childhood have been shown to be related to a broad array of negative physical and psychological health, educational, and economic outcomes (Hyman, 2000; Kessler et al., 1997; Paul et al., 2001). Recently, Hyman (2000) reported that certain types of childhood sexual abuse were adversely and differentially associated with lower educational attainment and annual income earnings among lesbians. But clearly additional research is needed to identify those factors in childhood that generate higher risk. This is particularly true for young gay and bisexual men as the occurrence of HIV-risk-related sexual behaviors has been linked to positive experiences of childhood abuse (Doll et al., 1992; Paul et al., 2001). It is also important that service providers for gay men, lesbians, and bisexuals be aware of the potential role of early histories of parental maltreatment in subsequent mental and physical health disorders in order to provide competent services and referrals.

References


