Alcohol and Drug Abuse in Men Who Sustain Intimate Partner Violence

Denise A. Hines¹* and Emily M. Douglas²

¹Clark University, Worcester, Massachusetts
²Bridgewater State University, Bridgewater, Massachusetts

INTRODUCTION

A significant association between alcohol/drug abuse and women sustaining intimate partner violence (IPV) has been well-documented [Amaro et al., 1990; Kantor and Asdigian, 1997; Salomon et al., 2002; Stark and Flitcraft, 1988; Stith et al., 2004], yet little research has documented whether there is an association between alcohol/drug abuse and men sustaining IPV. To our knowledge, only a handful of studies have investigated this association, with no focus on men who report sustaining more severe types of IPV. For example, Halford and Osgarby [1993] investigated, among other issues, the association between female partners’ violence and men’s alcohol abuse among 56 men seeking marital therapy in Australia. Although they found no association, their sample size was small, had limited generalizability, and did not investigate the abuse of other substances. Among male college students, Simons et al. [2008] found that IPV victimization was associated with higher rates of both alcohol and drug use, but this study also has limited generalizability and does not test possible mediators of this association. More research among men who sustain IPV is warranted, especially given that between 25 and 50% of people who sustain IPV in a given year are men [Archer, 2000; Catalano, 2007; Straus, 1995; Tjaden and Thoennes, 2000], and men are more likely than women to abuse alcohol or other substances in response to a stressful event [Cooper et al., 1992]. We propose to address these limitations in this article.

Theoretical Models Explaining Associations Among IPV and Alcohol/Drug Abuse

In this study, we investigated whether there was an association between alcohol/substance abuse and sustaining IPV among two samples of men: a
community sample and those who sustained IPV from their female partner and sought help. We then investigated possible reasons for any association. Specifically, if alcohol/substance abuse is related to sustaining IPV in men, previous research on female IPV victims suggests at least two possibilities for explaining that relationship [Kilpatrick et al., 1997].

The first possibility is that alcohol/drug abuse is a risk factor for sustaining IPV [Kilpatrick et al., 1997]. This possibility is thought to be related to one’s lifestyle, such that alcohol/drug abuse leads one into certain situations or relationships in which sustaining IPV is more likely. Another explanation is that alcohol/drug abuse can lead to certain behaviors that increase the likelihood of sustaining IPV, and one such behavior could be IPV perpetration. It has been well-documented that both alcohol and drug abuse are risk factors for men using IPV against their female partners [Fals-Stewart, 2003; Fals-Stewart et al., 2005; Leonard, 1993; Murphy et al., 2001; O’Farrell et al., 2003], and the strongest risk for sustaining IPV is perpetrating IPV [Kessler et al., 2001; Stets and Straus, 1990]. Thus, IPV perpetration can be a mediator for the relationship between alcohol/drug abuse and sustaining IPV.

A second possibility is that sustaining IPV is a risk factor for alcohol/drug abuse [Kilpatrick et al., 1997]. This association is typically thought to be related to the overwhelmingly negative emotions or posttraumatic stress symptoms that someone who experiences a traumatic event, such as IPV, would experience. In an effort to cope with and reduce these emotions, the person might use alcohol or other drugs [Jacobsen et al., 2001; Simons et al., 2005; Stewart, 1996]. In fact, post-traumatic stress disorder (PTSD) and alcohol/drug abuse are highly comorbid disorders that are functionally related [Chilcoat and Breslau, 1998; Jacobsen et al., 2001; Stewart, 1996; Stewart et al., 1998], and the model with the most support to explain this association is the self-medication model [Chilcoat and Breslau, 1998; Jacobsen et al., 2001; Stewart, 1996; Stewart et al., 1998]. In this model, alcohol and other drugs seem to provide acute symptom relief of PTSD; in particular, they seem to lessen the hyperarousal components and facilitate forgetting traumatic memories through their effects on the central nervous system [Chilcoat and Breslau, 1998; Jacobsen et al., 2001; Stewart, 1996; Stewart et al., 1998, 1999]. In other words, alcohol and other drugs seem to be used in an effort to self-medicate for the distressing symptoms of PTSD [Chilcoat and Breslau, 1998]. Thus, PTSD symptoms may serve as a mediator for any association between sustaining IPV and alcohol/drug abuse.

In addition, it is well-documented that sustaining physical abuse or witnessing interparental violence during childhood can put one at risk for abusing alcohol or other drugs [e.g., Liebschutz et al., 2002] and for sustaining IPV [e.g., Stith et al., 2000]. Thus, any model investigating the associations among IPV and alcohol/drug abuse should consider any potential trauma of previous childhood abuse.

Previous longitudinal research among female victims of IPV and assault in general provide some support for the hypothesized models [Kilpatrick et al., 1997; Martino et al., 2005; Salomon et al., 2002; Testa et al., 2003], yet there are some caveats. For example, in a longitudinal population-based sample of women, drug abuse, but not alcohol abuse, may put one at risk for sustaining any kind of assault; and sustaining an assault puts one at risk for alcohol and drug abuse, a relationship that is particularly strong for alcohol abuse [Kilpatrick et al., 1997]. In a multiyear panel study of women living with a male partner, drug use did not predict subsequent IPV nor did IPV predict subsequent drug use, but IPV did predict later heavy drinking [Martino et al., 2005]. In a longitudinal random-digit dial phone survey of Buffalo-area women, drug abuse predicted subsequent IPV victimization; and although alcohol abuse did not predict subsequent victimization, IPV victimization did predict alcohol abuse [Testa et al., 2003]. Among poor women in a longitudinal study, sustaining IPV put one at risk for abusing drugs, but not alcohol; sustaining child abuse also contributed to drug abuse, PTSD was only a weak mediator of the association between sustaining IPV and drug abuse; and there was no support for a model positing that alcohol/drug abuse put one at risk for sustaining IPV [Salomon et al., 2002].

Overall, there is support for IPV victimization predicting subsequent alcohol abuse, some support for IPV victimization predicting drug abuse, some support for drug abuse predicting subsequent IPV victimization, and no support for alcohol abuse predicting IPV victimization. In addition, there is support for child abuse as a contributor to drug abuse and PTSD as a possible mediator. Given these caveats, it is important to test models separately for alcohol and drug abuse.

Although there is little research on the association between alcohol/drug abuse and IPV victimization among men, studies mentioned previously suggest that such association exists [Simons et al., 2008]. Moreover, there are studies investigating whether alcohol/drug abuse is linked with violent victimization in general among males. For example,
in adolescent males, problem alcohol use is a risk factor for subsequent violent victimization as assessed with longitudinal data [Thompson et al., 2008], and cross-sectional studies show that experiencing a physical or sexual assault either within the home or in general is associated with subsequent drug abuse and that PTSD increases the risk of drug abuse [Kilpatrick et al., 2000]. In addition, among male college students, sustaining a sexual assault is associated with a subsequent increased risk of using alcohol or drugs [Amos et al., 2008]. Given these findings, it is important to further investigate these associations among men who sustain IPV.

**Intimate Terrorism vs. Common Couple Violence**

In addition to studying these associations among men who sustain IPV, it is also important to investigate whether these associations may differ among men who represent two different types of IPV: intimate terrorism (IT) and common couple violence (CCV). According to Johnson [Johnson, 1995, 2006; Johnson and Ferraro, 2000], IT is a type of IPV that is characterized by frequent and severe physical IPV and controlling behaviors, and has traditionally been used to describe and is consistent with samples of battered women seeking shelter. He labeled the IPV found in community and population-based samples CCV, which is characterized by low-level (e.g., slapping, pushing), low-frequency violence in a couple where both members are about equally violent; this IPV is not part of an overall pattern of control of one partner over the other, but is the result of a conflict "getting out of hand."

This study utilizes both “help-seeking” and “community” samples of men with regard to IPV. The help-seeking sample is comprised of men who sustained IPV from their female partners and sought help of some sort; the community sample is comprised of a convenience sample of men recruited from the community to participate in a study on how men and women get along. In a previous analysis that focused on describing the IPV in these two samples [Hines and Douglas, 2010], we found that the help-seeking sample conformed to Johnson’s [1995, 2006; Johnson and Ferraro, 2000] definition of IT; the frequency of physical IPV the men sustained was comparable to the frequency with which shelter samples of battered women sustained physical IPV [Giles-Sims, 1983; Johnson, 2006; McDonald et al., 2009; Okun, 1986; Straus, 1990]; the physical assaults were accompanied by high levels of controlling behaviors, severe psychological aggression, and physical injuries. Moreover, the overwhelming majority of the physical arguments were reportedly initiated by the female partner [Hines and Douglas, 2010].

On the other hand, the 16% of the men in our community sample who sustained physical IPV conformed to Johnson’s [1995, 2006; Johnson and Ferraro, 2000] conceptualization of CCV. These men reported that they and their female partners used low-level, low-frequency IPV at approximately the same rates, with an equal likelihood that either the man or his female partner hit first, and the aggression did not involve frequent and severe physical IPV or controlling behaviors [Hines and Douglas, 2010].

Johnson [1995] argues that such help-seeking and community samples are functionally different and should, therefore, have different patterns of predictors and consequences of IPV. For example, he would argue that the conceptual models outlined above would be different between the community and help-seeking samples of men. Therefore, although we will test the above models on both samples, we hypothesize that they will operate differently between them. Moreover, Johnson would argue that any potential consequences of IPV, such as alcohol/drug abuse, would be more severe among men in help-seeking samples vs. men in community samples, because their experiences of IPV are much more severe, and thus more traumatic. Therefore, in this study, we hypothesized that in comparison to men in the community sample who sustained either CCV or no violence, alcohol/drug abuse would be more severe among the men who sustained IT (i.e., the help-seeking sample). Previous analyses of these datasets did not focus on the associations between alcohol/drug abuse and the IPV these men experienced.

**METHOD**

**Participants and Procedure**

Two separate samples of male participants were recruited for this study: a help-seeking sample and a community sample. For both samples, the men had to speak English, live in the United States, and be between the ages of 18 and 59 to be eligible; they also had to have been involved in an intimate relationship with a woman lasting at least 1 month in the previous year. In addition, to be eligible for the help-seeking sample, the men had to have sustained a physical assault from their female partner within the previous year, and they had to
have sought help/assistance for their partner’s violence. Help/assistance was broadly defined and included seeking help from formal sources, such as hotlines, domestic violence agencies, the police, mental health and medical health professionals, lawyers, and ministers, to more informal help-seeking efforts, such as talking with friends and family members and searching the Internet for information on IPV or support groups for IPV victims in general or male IPV victims specifically.

The help-seeking sample of men \((n = 302)\) was recruited from a variety of sources, including the Domestic Abuse Helpline for Men and Women (DAHMW; a U.S. national hotline specializing in male victims of domestic violence), and online websites, newsletters, blogs, and listservs that specialized in treatment of IPV, male victims of IPV, fathers’ rights issues, divorced men’s issues, men’s health issues, and men’s rights issues. Men who called the DAHMW seeking assistance and who met the eligibility criteria were invited to participate in this study either by calling a survey research center to complete the interview over the phone or by visiting the study website to complete an anonymous secure version of the study questionnaire online. Men who saw an advertisement for the study online were directed to the study website to complete the online version of the study. Screener questions regarding the study criteria were on the first page of the survey, and men who were eligible, given the stated criteria for the help-seeking sample, were allowed to continue the survey. Men who did not meet the eligibility requirements were thanked for their time and were redirected to an “exit page” of the survey. Sixteen men completed the interview over the phone; the remaining 286 completed it online. Demographics of the help-seeking sample can be found in Table I.

Participants also included 520 men from the community. Approximately half the community sample \((n = 255)\) was recruited to participate in a phone version of the survey by a survey research center, using a random digit dialing technique and CATI administration. The interviewers attempted to reach each phone number on 15 different days, at different times of the day, and made call-back appointments whenever possible. They also made refusal conversion efforts when appropriate. Because of low response rates (8%) during the first 2 months, advanced letters were sent to potential participants informing them that they were randomly selected to participate in a study sponsored by the National Institutes of Health that was focusing on how men and women get along and that they would be contacted within a week by a survey research center interviewer. The response rate for the participants who received an advanced letter was 15.5%. The overall response rate was 9.8%. The other half of the community sample \((n = 265)\) was recruited through a panel of survey participants maintained by Survey Sampling, Inc. (SSI), to complete an online version of the same survey. Email invitations were sent to 16,000 male SSI panel members inviting them to participate in a study on how men and women get along. They were directed to an anonymous, secure, online version of the survey. The first page of the survey included screener questions testing for eligibility (i.e., between 18 and 59 years of age; in an intimate relationship with a woman lasting at least 1 month in the previous year). Eligible men were able to continue to the survey, whereas noneligible men were thanked for their time. The survey was closed after we met our target sample size of 265 men. Because data collection ceased when the target goal for the number of completed surveys was reached and we did not wait for all men who received invitations to complete the survey, response rates for the Internet sample cannot be reliably calculated. Demographic information on the full community sample \((n = 520)\) can be found in Table I. Multivariate analyses indicated that the only differences between the phone and online community samples were that men in the phone sample had more social support, were less likely to score above a clinical cut-off for PTSD symptoms, and were more likely to have ever used drugs. There were no differences in IPV victimization or perpetration. Further information on the phone and online community samples that is beyond the scope of the current analysis can be found in Hines et al. [2010].

The methods for this study were approved by the boards of ethics at the participating institutions. All the men participated anonymously, were apprised of their rights as study participants, and gave their consent to participate before beginning the survey. Steps were taken to ensure their safety: at the completion of the survey, the participants were given information about obtaining help for IPV victimization and how to delete the history on their Internet web browser.

**Measures**

Both the help-seeking and community samples were given the same core questionnaires regarding demographics, aggressive behaviors that they and their female partners may have used in the previous
year, more detailed information regarding their last physical argument (if applicable), their mental health, and various risk factors. The help-seeking sample was given additional questions pertaining to their specific help-seeking experiences in an aggressive relationship and what prevents them from leaving the relationship. Only the questionnaires used in the current analyses will be described below.

**Demographic information.** Men were asked basic demographic information about both themselves and their partners, including age, race/ethnicity, personal income, education, and occupation. Men were also asked about the current status of their relationship, the length of their relationship with their partners, how long ago the relationship ended (if applicable), and how many minor children were involved in that relationship, if any.

**Revised conflict tactics scales.** The revised conflict tactics scales (CTS2) [Straus et al., 1996] was used to measure the extent to which the men in the

### TABLE I. Demographics, Intimate Partner Violence Sustained, PTSD, and Childhood Aggression Experiences

<table>
<thead>
<tr>
<th></th>
<th>Help-seeking sample (n = 302)</th>
<th>Community sample (n = 520)</th>
<th>χ² or t</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Demographics</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Age (in years)</td>
<td>40.49 (8.97)</td>
<td>43.68 (10.88)</td>
<td>4.52***</td>
</tr>
<tr>
<td>Educationa</td>
<td>4.40 (1.56)</td>
<td>4.04 (1.72)</td>
<td>3.13**</td>
</tr>
<tr>
<td>(n = 300)</td>
<td>(n = 514)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Income (in thousands)</td>
<td>$50.44K (25.69)</td>
<td>$48.98K (26.13)</td>
<td>0.77</td>
</tr>
<tr>
<td>% white</td>
<td>86.8</td>
<td>84.8</td>
<td>0.59</td>
</tr>
<tr>
<td>% currently in a relationship</td>
<td>56.3%</td>
<td>95.8%</td>
<td>193.70***</td>
</tr>
<tr>
<td>% with minor children</td>
<td>73.2%</td>
<td>45.3%</td>
<td>64.60***</td>
</tr>
<tr>
<td>Length of relationship (in months)</td>
<td>97.90 (82.06)</td>
<td>164.90 (131.01)</td>
<td>8.93***</td>
</tr>
<tr>
<td><strong>% sustaining IPV</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% sustaining controlling behaviors</td>
<td>93.4</td>
<td>20.0</td>
<td>412.20***</td>
</tr>
<tr>
<td>% sustaining severe psychological aggression</td>
<td>96.0</td>
<td>13.7</td>
<td>526.31***</td>
</tr>
<tr>
<td>% sustaining physical aggression</td>
<td>100.0</td>
<td>16.3</td>
<td>536.60***</td>
</tr>
<tr>
<td>% sustaining injury in previous year</td>
<td>78.5</td>
<td>4.0</td>
<td>491.56***</td>
</tr>
<tr>
<td><strong>Mean # of acts of IPV sustained among those sustaining IPV</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td># of controlling acts in previous year</td>
<td>42.62 (36.25)</td>
<td>11.36 (16.31)</td>
<td>11.64***</td>
</tr>
<tr>
<td>(n = 282)</td>
<td>(n = 104)</td>
<td></td>
<td></td>
</tr>
<tr>
<td># of severe psychological aggression acts in previous year</td>
<td>28.90 (26.20)</td>
<td>9.13 (13.26)</td>
<td>8.98***</td>
</tr>
<tr>
<td>(n = 290)</td>
<td>(n = 71)</td>
<td></td>
<td></td>
</tr>
<tr>
<td># of physically aggressive acts in previous year</td>
<td>46.72 (53.48)</td>
<td>12.22 (33.29)</td>
<td>7.27***</td>
</tr>
<tr>
<td>(n = 302)</td>
<td>(n = 85)</td>
<td></td>
<td></td>
</tr>
<tr>
<td># of injuries sustained in previous year</td>
<td>11.68 (15.61)</td>
<td>5.52 (11.42)</td>
<td>2.29*</td>
</tr>
<tr>
<td>(n = 237)</td>
<td>(n = 21)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>% using IPV</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% using controlling behaviors</td>
<td>45.7</td>
<td>11.5</td>
<td>121.90***</td>
</tr>
<tr>
<td>% using severe psychological aggression</td>
<td>40.1</td>
<td>10.4</td>
<td>100.44***</td>
</tr>
<tr>
<td>% using physical aggression</td>
<td>55.0</td>
<td>13.8</td>
<td>159.19***</td>
</tr>
<tr>
<td>% using injury in previous year</td>
<td>26.2</td>
<td>4.6</td>
<td>80.90***</td>
</tr>
<tr>
<td><strong>Mean # of acts of IPV used among those using IPV</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td># of controlling acts in previous year</td>
<td>7.20 (8.99)</td>
<td>12.29 (16.99)</td>
<td>2.19*</td>
</tr>
<tr>
<td>(n = 138)</td>
<td>(n = 60)</td>
<td></td>
<td></td>
</tr>
<tr>
<td># of severe psychological aggression acts in previous year</td>
<td>5.74 (8.59)</td>
<td>6.07 (14.49)</td>
<td>0.19</td>
</tr>
<tr>
<td>(n = 121)</td>
<td>(n = 54)</td>
<td></td>
<td></td>
</tr>
<tr>
<td># of physically aggressive acts in previous year</td>
<td>7.71 (14.25)</td>
<td>8.68 (24.21)</td>
<td>0.40</td>
</tr>
<tr>
<td>(n = 166)</td>
<td>(n = 72)</td>
<td></td>
<td></td>
</tr>
<tr>
<td># of injuries partner sustained in previous year</td>
<td>5.19 (6.40)</td>
<td>6.96 (12.01)</td>
<td>0.69</td>
</tr>
<tr>
<td>(n = 79)</td>
<td>(n = 24)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Levels of PTSD symptoms and childhood aggression experienced**

<table>
<thead>
<tr>
<th></th>
<th>Help-seeking sample (n = 302)</th>
<th>Community sample (n = 520)</th>
<th>χ² or t</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCL score</td>
<td>46.56 (14.22)</td>
<td>20.43 (8.28)</td>
<td>29.19***</td>
</tr>
<tr>
<td>% sustaining child physical aggression</td>
<td>46.8</td>
<td>35.3</td>
<td>10.65***</td>
</tr>
<tr>
<td>% witnessing IPV between parents</td>
<td>21.5</td>
<td>14.3</td>
<td>7.03**</td>
</tr>
</tbody>
</table>

**Note:**

*Educational status: 1 = less than high school; 2 = high school graduate or GED; 3 = some college/trade school; 4 = 2-year college graduate; 5 = 4-year college graduate; 6 = some graduate school; 7 = graduate degree. *p < .05; **p < .01; ***p < .001.
study used and sustained psychological, physical, and sexual aggression, and injuries in their relationships. The items used for this study included five items assessing minor physical aggression (e.g., grabbing, shoving, slapping); seven items assessing severe physical aggression (e.g., beating up, using knife/gun) that were combined into a total physical aggression scale; and six items assessing injuries [e.g., having a small cut or bruise, broken bone, passing out]. The eight CTS2 items regarding psychological aggression were supplemented with seven items from the Psychological Maltreatment of Women Inventory [Tolman, 1995]. To investigate the factor structure of this combined psychological aggression scale, a factor analysis that combined the two samples was conducted using the victimization items [see Hines and Douglas, 2010, for further details on this analysis]. The factor analysis revealed that there were three subscales: Minor Psychological Aggression (e.g., insulting/swearing, shouting/yelling, doing something to spite partner), Controlling Behaviors (e.g., not allowing to leave the house, monitoring time and whereabouts), and Severe Psychological Aggression (e.g., threatening to harm partner, intentionally destroying something belonging to partner). For this study, only the controlling behaviors and severe psychological aggression scales were used because they theoretically differentiate IT from CCV [Johnson, 1995].

Participants responded to items depicting each of the conflict tactics by indicating the number of times these tactics were used by the participant and his partner in the previous year. Participants indicated on a scale from 0 to 6 how many times they experienced each of the acts in the previous year, 0 = 0 times; 1 = 1 time; 2 = 2 times; 3 = 3–5 times; 4 = 6–10 times; 5 = 11–20 times; and 6 = more than 20 times. These data were then transformed in order to obtain an approximate count of the number of times each act occurred in the previous year, using the following scale: 0 = 0 acts in previous year; 1 = 1 act in the previous year; 2 = 2 acts in the previous year; 3 = 4 acts in the previous year; 4 = 8 acts in the previous year; 5 = 16 acts in the previous year; and 6 = 25 acts in the previous year.

The CTS2 has been shown to have good construct and discriminant validity and good reliability, with internal consistency coefficients ranging from .79 to .95 [Straus et al., 1996]. Reliability statistics for these samples were .82 for both the Controlling Behaviors and Severe Psychological Aggression scales, .92 for the Physical Aggression scale, and .68 for the Injury scale.

Abusive childhood experiences of the participant. Childhood abusive experiences were assessed using two questions that condensed the eight items from the violence socialization (VS) scale of the Personal and Relationships Profile [Straus et al., 1999]. Participants indicated the extent to which they agreed or disagreed (1 = strongly disagree, 4 = strongly agree) with each statement: “When I was less than 12 years old, I was spanked or hit a lot by my mother or father” (sustaining child physical aggression), and “When I was a kid, I saw my mother or father kick, punch, or beat up their partner” (witnessed interparental IPV). Reports of the psychometric properties of the full VS scale indicate adequate validity and an overall w of .73 [Straus and Mouradian, 1999].

Posttraumatic stress symptoms. The PTSD Checklist (PCL) [Weathers et al., 1993] is a 17-item self-report measure of the severity of PTSD symptomology. Items reflect three symptom clusters: reexperiencing, numbing/avoidance, and hyperarousal. Consistent with the concept of PTSD and per the instructions of the PCL, questions were anchored to one potentially traumatic event: participants were asked to think about their worst argument with their female partner, and then indicate the extent to which they were bothered by each symptom in the preceding month using a 5-point scale (1 = not at all, 5 = extremely). The items were then summed to create a continuous measure of PTSD symptoms. One item, “Feeling as if your future will somehow be cut short,” was not included in the survey because participants reported that they did not understand the item during pilot testing of the instrument. The PCL has been validated for use in both combat and civilian populations and the civilian version was used for this study. The PCL has been shown to have excellent reliability [Weathers et al., 1993] and strong convergent and divergent validity [Blanchard et al., 1996; Ruggiero et al., 2003]. For these samples, the w was .97.

Alcohol and drug abuse. Alcohol and drug abuse were measured using a scale developed for the National Women’s Study to assess the association between IPV victimization and alcohol/drug abuse among female victims [Kilpatrick et al., 1997]. The scale included up to 19 items asking respondents about their use and abuse of alcohol and illicit drugs (i.e., marijuana, cocaine, methamphetamines, crack, LSD, heroin, or other such drug) in their lifetimes and in the past year, and included items regarding...
negative experiences resulting from alcohol abuse. Consistent with Kilpatrick et al.’s [1997] guidelines for scoring this scale, we measured alcohol abuse within the past year by two indicators that approximated the diagnostic criteria for the Diagnostic and Statistical Manual of Mental Disorders IV [American Psychiatric Association, 1994]: (1) participants who answered affirmatively to any of the six questions on negative experiences (e.g., getting in trouble with the police or a boss) within the past year because of alcohol were classified as meeting the criteria for alcohol abuse in the past year, and (2) frequency of intoxication within the past year: participants were asked to indicate how frequently they were intoxicated in the past year on a scale from 0 = never to 7 = every day/almost every day.

Similarly, according to the guidelines established by Kilpatrick et al. [1997], drug abuse was measured by two indicators that approximate the frequency of usage considered significant by the Diagnostic Interview Schedule substance abuse screen [Robins et al., 1988]: (1) if participants indicated they used any illegal drugs more than four times in the past year, they were considered nonexperimental users/drug abusers, and (2) actual frequency of drug use within the past year from 0 = never to 3 = more than ten occasions. This scale has demonstrated excellent construct validity [Kilpatrick et al., 1997].

**RESULTS**

Table I presents the demographics of the help-seeking and community samples, and descriptive information for all predictor, mediator, and outcome variables. A full discussion of these samples can be found in previous analyses of this dataset [e.g., Hines and Douglas, 2010].

**Hypothesis 1: Differences in Proposed Conceptual Models**

**Bivariate correlations among IPV and alcohol/drug abuse.** To test Hypothesis 1, we first performed a series of correlational analyses on the alcohol/drug abuse and IPV variables (Table II). For each sample separately, we correlated the frequency with which the participants sustained all four forms of IPV with the four alcohol/drug abuse variables: alcohol abuse in the past year, frequency of intoxication in the past year, drug abuse in the past year, and frequency of drug use in the past year. As shown,
there was only one significant association for the help-seeking sample, and it was in the opposite direction hypothesized. For the community sample, all but two of the associations were significant. The results indicate that there is a dose–response relationship between alcohol/drug abuse and sustaining IPV for the community sample, but not the help-seeking sample.

**Path models.** Because only the community sample showed associations among alcohol/drug abuse and sustaining IPV, we then investigated the hypothesized path models for the community sample only (Fig. 1). In the interest of parsimony, we combined the scores on the two childhood physical aggression measures (sustaining child physical aggression and witnessing interparental IPV) into a variable called *Child Maltreatment*. For sustaining IPV, we only used the frequency with which they sustained physical aggression because CCV, the type of IPV that occurs among a minority of couples in a community sample, is not theoretically tied to controlling behaviors and severe psychological aggression [1995, 2006; Johnson and Ferraro, 2000]. Finally, for the alcohol and drug abuse variables, we used the frequency of intoxication and frequency of drug use in the past year variables, respectively, to have continuous outcome measures for our path modeling.

As indicated, in the first model, we hypothesized that child maltreatment would predict alcohol/drug abuse, which would then predict sustaining IPV in adulthood; this latter association would be partially mediated by the use of IPV. In the second model, we predicted that child maltreatment would predict sustaining IPV, which would then predict alcohol/substance abuse, and this latter association would be partially mediated by levels of PTSD symptoms. These full models were tested for alcohol and drug abuse separately, and each model was evaluated using four fit measures—\( \chi^2 \), RMSEA, NFI, and GFI—as recommended by Tabachnik and Fidell [2006]. This method ensures a model fit is tested from several different perspectives [Meyers et al., 2006]. Nonsignificant paths were pruned one at a time until an excellent fitting model was achieved. This end model was compared with the original model on their AIC and ECVI; smaller AIC values represent better fitting models and smaller ECVI values represent the greatest potential for replication [Byrne, 2010].

Within the community sample, five cases (0.1%) were removed because of incomplete data on the child maltreatment measures. For the frequency of drug usage variable, two cases (0.4%) were missing and replaced with the mean on that variable. For the frequency of intoxication variable, seven cases (1.4%) were missing and replaced with the mean on that variable. For physical aggression used, there was one extreme outlier that was replaced with a value that was one act higher than the next closest value, as per Tabachnik and Fidell [2006]. Similarly, for physical aggression sustained, there were two extreme outliers that were replaced with values that were one and two acts higher than the next closest value. Models were tested both with and without the outliers replaced and there were some slight differences in the path estimates (but no differences in model fits or significance of path estimates); therefore, the results for the models with the outliers replaced are presented.

Initially, the full model for each analysis was evaluated for its adherence to the assumption of

---

1 To be certain, we did run the same models with the help-seeking sample as we did with the community sample. As expected, none of the models were good fits to the data, even when nonsignificant parameters were pruned. In fact, for the models where we were using alcohol/drug abuse to predict IPV victimization, the only significant paths were from IPV perpetration to IPV victimization, and for the models where we predicted alcohol/drug abuse from IPV victimization, the only significant paths were from IPV victimization to levels of PTSD symptoms and from levels of PTSD symptoms to drug abuse.
multivariate normality. Mardia’s [1970, 1974] normalized estimate of multivariate kurtosis equaled 258.39 for the model where alcohol abuse predicted IPV victimization, 98.89 for the model where IPV victimization predicted alcohol abuse, 271.65 for the model where drug abuse predicted IPV victimization, and 109.18 for the model where IPV victimization predicted drug abuse. All these values are well above the standard cut-off of 5 and indicated nonnormal distributions [Bentler, 2005]. Therefore, we employed the bootstrapping procedure for estimating standard errors and reducing bias in our estimates of parameters and their significance. Although not without its limitations, bootstrapping is a procedure that is routinely used when estimating path models with nonnormal data [Byrne, 2010].

For alcohol abuse predicting IPV sustained, the full hypothesized model achieved a moderate-to-good fit to the data ($\chi^2 (2) = 12.27$, $P = .002$; NFI = 0.96; GFI = 0.99; RMSEA = .10, AIC = 28.27, ECVI = .06). The final parsimonious model achieved an excellent fit: $\chi^2 (1) = 0.05$, $P = .82$; NFI = 1.00; GFI = 1.00; RMSEA = .00, AIC = 12.00, ECVI = .02. This final model represents a significant improvement in the $\chi^2$ fit of the model ($\Delta \chi^2 (1) = 12.23$, $P = .0005$), and the parameter estimates for this model are shown in Figure 3. Child maltreatment dropped out of the model and the influence of alcohol intoxication on sustaining IPV was fully mediated by the use of IPV.

Overall, this model explained 42.5% of the variance in sustaining physical IPV.

The full model for sustaining IPV predicting alcohol abuse also achieved a moderate-to-good fit ($\chi^2 (2) = 7.36$, $P = .03$; NFI = 0.90; GFI = 0.99; RMSEA = .07, AIC = 23.36, ECVI = .05). After nonsignificant paths were removed one-by-one, the final model, shown in the bottom half of Figure 2, achieved an excellent fit ($\chi^2 (1) = 0.10$, $P = .76$; NFI = 0.99; GFI = 1.00; RMSEA = .00, AIC = 10.10, ECVI = .02). This reduced model was a significant improvement over the full model ($\Delta \chi^2 (1) = 7.26$, $P = .007$), but explained only 4% of the variance in alcohol abuse. Overall, the model shows that sustaining IPV has direct influences on both frequency of alcohol intoxication and the level of PTSD symptoms, but that the level of PTSD symptoms does not serve as a mediator between sustaining IPV and alcohol intoxication.

To determine whether the final model predicting sustaining IPV from alcohol abuse was a better fit than the final model predicting alcohol abuse from sustaining IPV, we compared the two models’ AICs and ECVI’s. There were no differences in the ECVI’s. The final model where alcohol intoxication predicted sustaining IPV had a slightly lower AIC than the final model where sustaining IPV predicted alcohol abuse; therefore, it was concluded that the best fitting model was one where alcohol intoxication predicts sustaining IPV. In addition, the differences in the percent of variance explained...
(41 vs. 4%) provide further evidence that the model where alcohol intoxication predicts sustaining IPV is a better model.

The full model investigating drug abuse as a predictor of sustaining IPV achieved a moderate-to-good fit of the data ($\chi^2 (2) = 11.63, P = .003$; NFI = 0.96; GFI = 0.99; RMSEA = .10; AIC = 27.63, ECVI = .05). After removing the nonsignificant paths one at a time, the final model achieved a good-to-excellent fit ($\chi^2 (1) = 2.94, P = .09$; NFI = 0.99; GFI = 0.99; RMSEA = .06, AIC = 12.94, ECVI = .02). This reduced model was a significant improvement over the full model ($\chi^2 (1) = 8.69, P = .003$), and showed that using IPV served as a full mediator of the relationship between frequency of drug use and sustaining IPV (Fig. 3). This model explained 42% of the variance in physical IPV sustained.

The full model predicting drug abuse from sustaining IPV was a moderate fit to the data ($\chi^2 (2) = 7.52, P = .02$; NFI = 0.91; GFI = 0.99; RMSEA = .07, AIC = 23.52, EDVI = .05). The final model, also displayed in Figure 3, was a good-to-excellent fit ($\chi^2 (1) = 3.11, P = .08$; NFI = 1.00; GFI = 0.99; RMSEA = .06, AIC = 13.11, ECVI = .023), and was a significant improvement over the full model ($\Delta \chi^2 (1) = 4.41, P = .04$). This model explained 5% of the variance in drug abuse, and showed that the level of PTSD symptoms was a full mediator between sustaining IPV and frequency of drug use.

To determine whether the final model predicting sustaining IPV from drug abuse was a better fit than the final model predicting drug abuse from sustaining IPV, we compared the two models’ AICs and ECVIs. There were no differences in the ECVIs. The final model where drug abuse predicted sustaining IPV had a lower AIC than the final model where sustaining IPV predicted drug abuse; therefore, it was concluded that the best fitting model was one where drug abuse predicts sustaining IPV. In addition, the difference in the percent of variance explained (42 vs. 5%) provides further evidence that the model where drug abuse predicts sustaining IPV is a better model.

### Hypothesis 2: Differences Among IT, CCV, and No Violence Groups in Alcohol and Drug Abuse

To test our second hypothesis, we divided the community sample into those who sustained IPV (CCV group) and those who sustained no IPV; the help-seeking sample was an indicator of IT. These divisions were in line with our previous analyses that established the no violence, IT, and CCV groups [Hines and Douglas, 2010]. We then performed $\chi^2$ and ANCOVA analyses to investigate whether there were significant differences among the three groups in the variables assessing alcohol and drug abuse and the percentage of men meeting the criteria for alcohol and drug abuse.

As shown in Table III, the no IPV group was the group least likely to have abused alcohol in the past year. The IT group was significantly more likely to have abused alcohol than the no IPV group, but the CCV group had the highest rates of alcohol abuse in the past year. Similarly, the CCV group reported intoxication in the past year significantly more frequently than either the no IPV or IT groups, who were not different from each other in reported intoxication frequency within the past year. For drug abuse, the no IPV group had the lowest rates and frequency within the past year. Both the IT and

---

*2A full description of how we determined that the help-seeking sample was a sample of IT victims can be found in Hines and Douglas (2010). Briefly, we did a series of comparisons between the help-seeking and community samples in the rates and frequencies of physical IPV, controlling behaviors, severe psychological IPV, and injuries reported by the male participants, to test Johnson’s conceptualization of IT that it is physical IPV in the context of controlling behaviors and severe psychological IPV, whereas CCV is characterized by low-level mutual physical IPV without the same level of controlling behaviors as in IT. In comparison to the male help-seekers, the female partners of men in the help-seeking sample had significantly higher rates of all types of IPV, and just among those men and women who engaged in physical and psychological IPV, the female partners used 5–6 times the frequency of physical IPV, severe psychological IPV, and controlling behaviors. The help-seeking men also had significantly higher rates of injuries than their female partners, and among those men and women who sustained injuries, the men were injured at approximately twice the frequency. Finally, the frequency with which men sustained violence in the previous year (46.72 acts) is comparable to the frequency of violence sustained in samples of battered women (between 15 and 68 acts per year). Patterns of IT were also found when we compared the help-seeking with the community sample. In comparison to the female partners of community men, the female partners of help-seeking men engaged in significantly higher rates and frequency of all types of IPV: they were 54 (controlling behaviors) to 407 (minor physical IPV) times more likely to use IPV. Among just those women who used IPV, the female partners in the help-seeking sample had significantly higher frequencies of IPV, ranging from about 1.5 times (severe physical IPV) to more than 3.75 times (controlling behaviors, total physical IPV) the frequency of IPV than female partners in the community sample. Moreover, the men in the help-seeking sample were injured at higher rates and frequencies—they were close to 90 times more likely to have sustained an injury in the past year, and when comparing just those men who were injured, men in the help-seeking sample had about twice the frequency of injuries. Finally, the female partners in the help-seeking sample were significantly more likely to have used physical IPV first, in both the last physical argument (97 vs. 56.9%) and ever (91.7 vs. 53.0%).

*Aggr. Behav.*
Means in the same row sharing superscripts are significantly different from each other after controlling for age, presence of children, and variance) were used to identify the locus of any significant differences. CCV, common couple violence; IT, intimate terrorism.

TABLE III. AN(C)OVA and χ² Results on the Differences Among IPV Groups in Alcohol/Drug Abuse

<table>
<thead>
<tr>
<th>Measure</th>
<th>No violence % or M (SD)</th>
<th>CCV % or M (SD)</th>
<th>IT % or M (SD)</th>
<th>F or χ² (df)</th>
<th>η²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abused alcohol in past year</td>
<td>11.5a</td>
<td>30.6a</td>
<td>17.9a</td>
<td>21.00*** (2)</td>
<td>.03</td>
</tr>
<tr>
<td>Frequency of intoxication in past year</td>
<td>0.76 (1.35)a</td>
<td>1.80 (2.16)a,b</td>
<td>1.00 (1.46)b</td>
<td>11.33*** (2, 794)</td>
<td>.03</td>
</tr>
<tr>
<td>Abused drugs in past year</td>
<td>5.3a,b</td>
<td>15.3a</td>
<td>11.6b</td>
<td>14.29*** (2)</td>
<td>.02</td>
</tr>
<tr>
<td>Frequency of drug use in past year</td>
<td>0.20 (0.65)a,b</td>
<td>0.51 (1.06)a</td>
<td>0.43 (0.90)b</td>
<td>8.24*** (2, 783)</td>
<td>.02</td>
</tr>
</tbody>
</table>

CCV groups had significantly higher rates and frequencies of drug abuse in comparison to the no IPV group, but they were not different from each other on either measure of drug abuse.

DISCUSSION

The purpose of this study was to investigate the associations and possible mediators between alcohol/drug abuse and sustaining IPV among two samples of men: a help-seeking sample that sustained IT and a community sample, 16% of which sustained CCV. Our study showed support for the hypothesis that the predictors and mediators of any associations among sustaining IPV and alcohol/drug abuse would differ among the two samples; however, only the community sample conformed to any of the proposed models. Moreover, our study showed mixed support for the hypothesis that sustaining more severe types of IPV would be associated with higher levels of alcohol/drug abuse because the experience would be more traumatic.

Alcohol Abuse

Overall, and consistent with Simons et al. [2008], there was support for the hypothesis that sustaining IPV would be associated with higher levels of alcohol abuse. However, contrary to our prediction, the men who experienced CCV had the highest levels of alcohol abuse and frequency of intoxication within the past year. In addition, although in comparison to men who sustained no IPV, men who experienced IT had higher levels of alcohol abuse within the past year and they did not report a greater frequency of intoxication.

Men who experience CCV would be in relationships in which the incidence and frequency of all types of IPV would be about equal between them and their female partners [Johnson, 1995, 2006; Johnson and Ferraro, 2000], as was the case with the men in the community sample [Hines and Douglas, 2010]. Therefore, the reason that the CCV group had the highest levels of alcohol abuse and intoxication could lie in the fact that, perhaps in men, alcohol abuse is more predictive of the use of IPV rather than sustaining IPV. This is supported by the fact that in the help-seeking sample there were no associations between sustaining IPV and either alcohol abuse or intoxication. In addition, our best fitting path model for the men in the community sample showed that the association between alcohol intoxication and sustaining IPV was fully mediated by the men’s use of IPV. This finding supports Kilpatrick et al.’s [1997] theory that perhaps alcohol abuse is a risk factor for sustaining IPV because alcohol abuse leads one into certain situations or relationships, or leads one to behave in a certain way, in which sustaining IPV is more likely. Thus, it seems that for the community men, alcohol intoxication led them to use IPV, which then led to them sustaining IPV from their partners, perhaps in retaliation or self-defense.

We tested an alternative explanation to this hypothesis (results not shown), in which we hypothesized that the association between alcohol intoxication and using IPV would be mediated by sustaining IPV. In this situation, alcohol intoxication would lead to the man sustaining IPV, which would then lead to him using IPV, perhaps in retaliation or self-defense. This model proved to be a poor fit to the data (χ² (1) = 23.45, P < .001, NFI = 0.93, GFI = 0.97, RMSEA = .21). Thus, it seems that alcohol intoxication has little to do with directly predicting men’s victimization from IPV, but only indirectly predicts men’s victimization from IPV through its perpetration of IPV. These results support studies on women who sustain IPV or violence [Kilpatrick et al., 1997; Martino et al., 2005; Testa et al., 2003], which show no evidence that alcohol intoxication leads to sustaining IPV or violence.

Aggr. Behav.
It is also important to note that among the community men there was support for Kilpatrick’s et al. [1997] hypothesis that sustaining IPV is a risk factor for alcohol abuse. Although this model was an excellent fit to the data, it was not as good a fit as the model in which alcohol abuse predicted sustaining IPV, and it only predicted a small percentage of the variance in alcohol abuse. In addition, there was no support for the hypothesis that this association would be mediated by the level of PTSD symptoms. In fact, sustaining IPV directly predicted both levels of PTSD symptoms and alcohol intoxication, which were not significantly related to each other. We can only speculate as to why levels of PTSD symptoms did not serve as a mediator between sustaining IPV and alcohol intoxication, given the current literature that states that PTSD and alcohol/substance abuse are highly comorbid disorders that are functionally related [Chilcoat and Breslau, 1998; Jacobsen et al., 2001; Stewart, 1996; Stewart et al., 1998] because alcohol and other drugs seem to provide acute symptom relief of PTSD [Chilcoat and Breslau, 1998; Jacobsen et al., 2001; Stewart, 1996; Stewart et al., 1998].

Perhaps the differences in our findings are due to the fact that we were not able to make a definitive diagnosis of PTSD; we were assessing levels of PTSD symptoms on a continuous scale in our path models. Thus, we recommend additional research that explores the associations among alcohol intoxication and both levels of PTSD symptoms and actual diagnosis of PTSD in studies of IPV using men in community samples. In addition, because there was support for, and minimal differences between, both models—that alcohol intoxication predicted sustaining IPV through using IPV and that sustaining IPV predicted alcohol intoxication and levels of PTSD symptoms—we need to further investigate the associations among sustained IPV and alcohol intoxication in men, preferably with longitudinal data.

It is also worth speculating as to why there was no dose–response relationship between alcohol abuse and violence victimization (or perpetration) among the help-seeking sample of men. Past research suggests that men are more likely than women to abuse alcohol or other substances in response to a stressful event [Cooper et al., 1992], and being victimized by IT would certainly be considered a stressful event. However, the men in the help-seeking sample were no more likely to abuse alcohol than the men in the community sample who experienced less frequent and severe IPV, nor were they drinking more in response to increasing levels of IT victimization.

The answer to this contradiction may lie in the nature of the help-seeking sample. Men are less likely than women to seek help for a wide range of psychological, social, and physical health issues. Moreover, men are even less likely to seek help for an issue that is nonnormative for men (i.e., victimization from domestic violence is considered a women’s issue) that others may perceive they should be able to handle themselves and that may cast them as being “deviant” [Addis and Mahalik, 2003]. Thus, the men in our sample had to overcome many social and psychological barriers to seeking help, in addition to any external barriers that they may have had to encounter after deciding to seek help (e.g., being told that a domestic violence agency only helps women) [Douglas and Hines, 2010]. Men who are able to overcome such barriers may have better coping mechanisms and be less likely to abuse alcohol in response to IT victimization. The fact that our help-seeking sample seems to be significantly better educated and have a slightly higher income, despite their younger age, than men in the community sample, lends support to the notion that these men are in some way different than a sample of average men—maybe their higher educational status allows them to psychologically break from traditional masculine norms and seek help for a nonnormative issue. Therefore, male victims of IT who do not seek help may indeed show a dose–response relationship between IPV victimization and alcohol/drug abuse, and may even evidence the highest levels of alcohol abuse among all male victims of IPV, because they do not seek help and may use other coping mechanisms, such as alcohol or other drugs. We recommend research that strives to study the associations between alcohol/drug abuse and IPV victimization among such a population.

**Drug Abuse**

Consistent with previous research [Kilpatrick et al., 1997, 2000; Salomon et al., 2002; Testa et al., 2003], we also found that men sustaining either CCV or IT had higher levels of drug abuse in the past year and higher frequencies of drug use in comparison to men who did not sustain IPV. However, contrary to our expectation that men who sustained IT would have higher levels of drug abuse than men who sustained CCV because their experiences would be more traumatic, we found no differences between men sustaining CCV and IT in either the percentage of men abusing drug in the past year or their frequency of drug use in the past.
year. Thus, for men, it seems that sustaining IPV is associated with elevated levels of drug abuse, but it does not matter which type of IPV is sustained; they both have equally elevated levels of drug abuse. This is inconsistent with Johnson’s [1995, 2006; Johnson and Ferraro, 2000] assertion that CCV and IT would necessarily have different predictors and consequences. However, as previously mentioned, this inconsistency could be due to the unique nature of our help-seeking sample, and Johnson’s hypothesis may be borne out among a sample of male IT victims who do not seek help.

What is consistent with Johnson’s [1995, 2006; Johnson and Ferraro, 2000] assertion is that the associations among sustaining IPV and drug abuse were different for the two samples. For men in the help-seeking sample, there was no dose–response relationship between sustaining any type of IPV and drug abuse or frequency of drug use. For the community sample, there was. Thus, perhaps once one reaches a certain level of IPV victimization, sustaining further acts of IPV would no longer increase one’s risk for drug abuse. We performed three regression analyses with both samples combined (results not shown) to test this hypothesis—linear, cubic, and quadratic—and the only significant regression model was a cubic model that showed that initially frequency of drug use increased as IPV victimization increased, and then leveled off between 50 and 225 acts sustained in the past year; at about 225 acts sustained, there was again an increase in the frequency of drug use in the past year. Alternatively, the lack of a dose–response relationship for the help-seeking sample could be due to the uniqueness of such a sample, as discussed previously.

For the community sample, there was support for the hypothesis that drug abuse would predict sustaining IPV, which is consistent with both Kilpatrick et al.’s [1997] and Testa et al.’s [2003] findings among women. In addition, our findings expand upon these results by pointing toward a mediator that, to our knowledge, has never been tested among women. Specifically, among the community men, perpetrating IPV was a full mediator of the association between drug abuse and sustaining IPV. Thus, similar to our results with alcohol intoxication, among men, frequency of drug use predicts the use of IPV, which then predicts sustaining IPV, perhaps in retaliation or self-defense.

The opposite model that sustaining IPV would predict drug abuse was also a good fit to the data, which is consistent with previous research among women who sustain IPV and violence [Kilpatrick et al., 1997; Salomon et al., 2002] and among adolescent male victims of violence, in general [Kilpatrick et al., 2000]. In addition, this association was fully mediated by levels of PTSD symptoms, which is consistent with the self-medication model that posits that in an effort to cope with and reduce the overwhelming negative emotions that accompany a trauma like IPV, the person might abuse substances [Jacobsen et al., 2001; Simons et al., 2005; Stewart, 1996].

Thus, among the community sample, there was support for sustaining IPV predicting drug abuse and for drug abuse predicting sustaining IPV. The model showing that sustaining substance abuse predicts IPV was a better fitting model and also explained a much higher percentage of the variance in the outcome variable, but both were good-to-excellent fits to the data. These results are consistent with Kilpatrick et al.’s [1997] study of women who sustain violence. In addition to finding support for both models, using longitudinal analyses, they found evidence for a vicious cycle between drug abuse and violence, in which drug abuse increased the risk for violent victimization, which in turn led to increased risk for further drug abuse. Such a model could also be occurring among men as well, but because our data are cross-sectional, we are unable to test this hypothesis. Thus, future studies should aim to investigate the temporal associations among drug abuse and sustaining IPV in men using longitudinal designs.

Limitations and Future Research

The limitations of this study need to be addressed so that future research can replicate and expand on the findings reported here. First, as mentioned previously, this is a cross-sectional study, and therefore inferences about causality cannot be firmly established. In fact, for both alcohol and drug abuse, although we were able to distinguish which models fit the data the best, the models that predicted opposite effects were both excellent fits. Therefore, future research should aim to test these models in a longitudinal design. Second, it is possible that some of the men who were classified as IT victims were really victims of CCV and vice versa. Johnson [Johnson, 1995, 2006; Johnson and Ferraro, 2000] does not provide “cut-off” criteria to establish which individuals sustain IT vs. CCV; he only provides modest guidelines to establish whether a sample would be characteristic of IT or CCV. We agree with Johnson’s efforts to distinguish types of...
violence and find this differentiation useful; however, without existing cut-off measures, it is currently not possible to definitively categorize individuals into IT or CCV groups. It is important to note that if there are CCV victims in our IT group and/or IT victims in our CCV group, it would serve as error and would weaken all associations reported in this article.

Third, the study relies solely on the men’s reports of their partners’ aggressive behaviors and their own psychosocial characteristics. This limitation is important to consider for three primary reasons: (1) correlations between aggressive behaviors and psychosocial characteristics may be inflated because certain traits of the participant may influence how he answers both sets of questions [Cooper, 2002]; (2) it is possible that the men overestimated their female partners’ use of IPV; however, studies of couples reporting on IPV show no difference between male and female partners in their estimates of women’s use of IPV [Archer, 1999]; and (3) by using only the men’s reports, we have no external validation of the authenticity of their reports. We were concerned, particularly for our help-seeking sample, about the confidentiality and safety of the participants if we asked their partners to participate in this study as well. Therefore, we opted not to obtain these data directly from the female partner, but note that such methodology has been used in most of the studies on IPV and on samples measuring IT that we cited in this article. Thus, we recommend that future studies, whenever possible, should strive to obtain information from multiple informants.

CONCLUSION

In closing, this study provides valuable information regarding our understanding of male IPV victimization. We can conclude that men who sustain IPV from their female partners engage in more alcohol and drug abuse than men who do not. However, among men who seek help for IT victimization, increased levels of victimization do not predict increased levels of alcohol or drug abuse, possibly because they have active coping mechanisms. Given that our help-seeking sample of men is a unique sample, it would be valuable to investigate whether such associations would be found among men who sustain IT and do not seek help. Among men who sustain CCV, increased levels of IPV victimization are associated with increased levels of alcohol and drug abuse as expected, and the best potential explanation for this association seems to be that alcohol/drug abuse leads to IPV perpetration, which then leads to IPV victimization.

The results of this study can be useful to alcohol and drug abuse providers and other service providers in the field of family violence. We encourage the screening of alcohol and drug abuse among male IPV victims and the screening of IPV among men who seek treatment for alcohol and drug use. Even though this article documents that alcohol and drug abuse among IT victims is not an overarching issue, we encourage family violence providers to have a method of providing alcohol and drug abuse treatment for men, even if this means making referrals to providers outside of domestic violence agencies. At the same time, men do not usually seek help for CCV, and thus we encourage the screening of IPV among men who seek help for alcohol and drug abuse, because for these men, it may be a red flag for other problematic behaviors that may otherwise go unnoticed.

ACKNOWLEDGMENTS

The project described was supported by Grant Number 5R21MH074590 from the National Institute of Mental Health. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the NIMH. Special thanks to Dr. Murray Straus for his continued guidance, support, and consultation on this project.

REFERENCES

Alcohol/Drug Abuse in Men Who Sustain IPV 45


Stewart SH, Comrod PJ, Pihl RO, Dongier M. 1999. Relations between posttraumatic stress syndrome dimensions and...

Hines and Douglas