Research Resources

Child Sex Trafficking Team
Office of the Texas Governor
The Texas Legislature authorized the creation of the Child Sex Trafficking Team (CSTT) in the Governor’s Office to provide a collaborative and comprehensive response to child sexual exploitation in Texas. Texas Government Code §§ 772.0062 – 772.0063. CSTT’s vision is a state where children and youth are free from sexual exploitation. Our mission is to build sustainable capacity, enhance expertise, promote policies, and create new and leverage existing collaborations to prevent child sexual exploitation, to help survivors heal and thrive, and to bring exploiters to justice.

In order to enhance expertise in our state and to meet our legislative charge to collect, analyze and distribute relevant research to agencies and nonprofit organizations, CSTT gathers existing and funds new relevant research on child sex trafficking, funds evaluations of emerging and innovative child sex trafficking programs, provides training on research and evaluation findings, and provides this document, Research Resources, on our website, gov.texas.gov/cstt. Research Resources is a curated list of relevant research articles, complete with summaries by CSTT, from the last three to five years. The articles are primarily from peer-reviewed journals and are organized by CSTT’s five overarching goals: protect, recognize, rescue, restore, and bring justice. (Some articles overlap more than one of the five areas but appear in only one section.)

CSTT will continuously update and improve this collection of research by gathering, curating, summarizing and providing the latest research in updated versions of Research Resources. Enhancing expertise in our state will empower Texas to implement research-based programs and practices that prevent child sexual exploitation, help survivors heal and thrive, and bring exploiters to justice.

Our mission is to build sustainable capacity, enhance expertise, promote policies, and create new and leverage existing collaborations to:

- **Protect** children by building their awareness of and resilience to child exploitation and by curbing demand for child sex trafficking.
- **Recognize** child sexual exploitation in all its forms by raising public awareness and implementing screening tools for victims.
- **Recover** victims with protective and empowering – not punitive – collaborative and coordinated responses spanning multiple systems.
- **Support Healing** survivors through trauma-informed and responsive services and supports they need to heal and thrive.
- **Bring Justice** for survivors by holding traffickers, buyers, and those who profit from trafficking accountable.
Commercial sexual exploitation of children: health care use and case characteristics

Author(s): Gail Hornor and Jennifer Sherfield
Publication year: 2018

Summary: “Pediatric healthcare specialists should be better trained to identify and respond to commercially sexually exploited children and youth. These professionals should also in turn educate parents on their responsibility and ability to protect their children from sexual exploitation of any kind.”

Abstract: Although commercial sexual exploitation is not limited to a particular demographic, many factors have been attributed to increasing the likelihood that a child may be exploited. Such factors include mental health issues, substance abuse, living situation, and behaviors/habits of parents. The most important risk factor is believed to be experiencing sexual abuse previously. Healthcare professionals, particularly those within pediatric care, must proactively seek to identify children who are at risk to be or already are experiencing exploitation. One of the best ways to protect children from exploitation is the adaption and utilization of positive parenting techniques that develop and strengthen the parent-child relationship. Pediatric health care providers can and should educate parents on their role in protecting their children from commercial sexual exploitation.

A supportive adult may be the difference in homeless youth not being trafficked

Author(s): Makini Chisolm-Straker, Jeremy Sze, Julia Einbond, James White, Hanni Stoklosa
Publication year: 2018

Summary: “This study shows that homeless teens with a supportive adult in their life may have lower odds of being exploited through trafficking.”

Abstract: Research was conducted using data collected from homeless youth served by Covenant House New Jersey between November 2015 and February 2017. From this sample, 9.6% of those youth had experienced trafficking at some point in their lives. Using the sample, the researchers set out to study the potential differences in factors that may prevent homeless youth from being trafficked. When the presence of a supportive adult was the only factor associated with the potential of being trafficked, the data analysis revealed that such a presence was not a statistically significant factor in reducing the odds of a homeless youth being trafficked. However, according to their multivariable model and analysis, the
presence of a supportive adult in the life of a homeless youth can lower the odds of being trafficked (0.345). It is important to recognize that between these two models, the presence of a supportive adult is statistically significant when other factors are also being compared across the two groups (those who experienced trafficking and those who did not). Furthermore, the researchers acknowledge that their study is limited in its application to other populations and call for future research into the area of protective factors for homeless youth on a more generalizable scale.

**Youth Experiences Survey (YES): Exploring the Scope and Complexity of Sex Trafficking in a Sample of Youth Experiencing Homelessness**

Author(s): Jennifer S. Middelton, Maurice N. Gattis, Laura M. Frey, Dominique Roe-Sepowitz
Publication year: 2018

**Summary:** “Homeless youth are at a higher risk of sexual exploitation than their peers. This sample of homeless youth in a region covering parts of both Kentucky and Indiana further illustrates that homeless youth who have experienced sex trafficking also report higher rates of sexual abuse as a child, substance abuse, mental health concerns, self-harm practices, and other negative factors that may either be a consequence of or a contributing factor to their sexual exploitation.”

**Abstract:** A convenience survey of homeless youth seeking services from various shelters in the Kentucky and Indiana region (known as “Kentuckiana”) reported that roughly 41% of homeless youths were victims of sex trafficking. Among all homeless youth surveyed, those who were identified as victims were more likely to report previous physically dangerous behaviors, such as self-harming actions, suicide attempts, and substance abuse. It is unclear if these factors primarily contributed to the likelihood of sexual exploitation or if the behaviors developed after exploitation as a coping mechanism; this is not addressed in the research. Included in the study is a comprehensive list of various statistics associated with those surveyed, broken down into categories for easy access. The study indicates that there is an intense need for trauma-informed care approaches that serve males, females and LGBTQ youth. Along with aftercare improvements, there is also a need for stronger prevention and education services, particularly among more vulnerable populations such as homeless youth.

**From Abused and Neglected to Abused and Exploited: The Intersection of the Child Welfare System with the Commercial Sexual Exploitation of Children**

Author(s): Kate Walker, Fiza Quraishi
Publication year: 2014

**Summary:** “This case study and accompanying analysis with recommendations serves to illustrate how vulnerabilities within the child welfare system can lead to the increased risk of sexual exploitation of children within the system.”

**Abstract:** While the child welfare system has an overarching goal and purpose to protect children from neglect and abuse, vulnerabilities within the system may increase the risk of sexual exploitation among system children. Children present in the welfare system usually suffer from conditions/experiences that traffickers specifically seek out in potential targets for exploitation. These factors include but not limited to physical, emotional, and sexual abuse; feelings of isolation; lack of basic necessities such as food and shelter. It is proposed that firms within the technology sector have an opportunity to assist in
Protect, continued

strengthening and improving the welfare system by addressing certain aspects of vulnerabilities with the use of technology. Recommendations include creating a central database that can alert welfare staff members to repeated school absences of a child, creating a 24-hour response hotline with a professional advocate or social worker on-call at all times, and creating a screening tool that asks sensitive questions through the use of Interactive Voice Response so children may feel more comfortable giving honest and complete answers. It is further recommended that technology should be utilized to creating limited use or restricted versions of applications that youth may use to communicate via social media while still remaining supervised and protected from potential traffickers online. Also suggested is using social media as a campaigning tool to recruit more foster homes/parents and using technologically based curricula to educate welfare youth on exploitation and recruiting techniques of traffickers. Technology companies can also consider developing a portal to monitor trends and developments of trafficking/exploitation techniques and a portal to catalog providers and services for various welfare-based agencies. Finally, a discrete mobile application should be developed. An application that youth could access on their phones that would provide information on various programs that can help them transition out of a life of sexual exploitation as quickly as possible.

**An Exploratory Study of Child Commercial Sexual Exploitation in the Hospitality Industry in the United States**

Author(s): Valentini Kalargyrou, Robert Woods
Publication year: 2015

**Summary:** “Participating in anti-CSEC initiatives, such as signing the ECPAT-USA’s Code of Conduct, can be both morally and financially beneficial to members of the hospitality industry.”

**Abstract:** The authors perform several case studies on various US-based hospitality companies that have signed The Code and agreed to participate in the eradication of commercial sexual exploitation of children in their industry. The authors conclude that despite initial skepticism that such an action would reflect negatively on a company, the participating companies have received positive feedback from stakeholders and the signing appears to have a financial/business advantage as well. Companies that take an interest in supporting vulnerable populations, appear to gain favor among potential customers. It is further noted that while these efforts are laudable, many members of the industry are not participating. Researchers hope to find a way to increase participation and effectiveness of the current trends and practices in this area.

This study examines the phenomena of child sex trafficking and commercial sexual exploitation as well as how the hospitality industry can be proactive in fighting for human rights in the context of corporate social responsibility (CSR). Seven hospitality companies have signed End Child Prostitution and Trafficking (ECPAT)-USA’s Code of Conduct for the Protection of Children from Sexual Exploitation in Travel and Tourism, also referred to as The Code. The initiative of seven hospitality companies and the purpose of The Code is to provide awareness and tools to fight against the sexual exploitation of children in the hospitality and tourism contexts. Whether and how to become involved with this movement tests hospitality companies’ approach to strategic CSR. These companies can gain a competitive advantage by creating a safe and socially sustainable environment for their guests, employees and their community, as well as a good reputation by investing in strategic and long-term positive social responsibility activities related to combating child sex trafficking and commercial sexual exploitation.

**Bodies are Not Commodities: Examining A21 Curriculum’s Impact on Students’ Knowledge, Attitudes, and Advocacy About Anti-Human Trafficking Rights and Issues**

Office of the Texas Governor
Child Sex Trafficking Team
Summary: “This study looked at the impact of A21 curriculum’s impact on students and determined that participants walked away with a better understanding of human trafficking and were more engaged with this issue at large.

Abstract: Using a sample of students from a racially diverse high school in Texas, researchers studied the impact of A21’s curriculum on students’ knowledge, attitudes, and advocacy surrounding anti-trafficking issues. Students were administered a pre- and post-assessment to gauge changes in knowledge level. A focus group was also selected to provide additional insight into attitudes and advocacy of the students following the program. According to these assessments, the researchers have concluded that A21’s curriculum increased students’ knowledge of the issue and positively influenced increased advocacy surrounding the issue among students. For future research, it is suggested that the influence of teachers’ personal attitudes towards the subject of human trafficking be evaluated as well.

Who Buys Sex? Understanding and Disrupting Illicit Market Demand by Demand Abolition, Research Report, November 2018

This commissioned survey of over 8000 adult men is a large sampling. From an economics model perspective, the research intentionally exchanges the supply side of the equation, (more frequently studied) with the demand side, but their scope is a decidedly narrow focus. The full report has a number of graphic representations of the data depicting the data, which are very helpful in the interpretation of the data.

The survey results reveal an identified gender bias in the research without a broader query of the demand. The biases are men only buy sex from women, and not from men or children. Additionally no query was made of women who buy sex from men, women, or children. (See page 6 for their explanations.)

Of the surveyed men, actively participating frequent buyers represent men with high incomes with an apparent perceived low risk of arrest and low likelihood of prosecution.

Several key policy and legislative action items identified as a part of the survey results for addressing the demand, which are listed in the full report. Community action for changing local laws and ordinances to regulate illicit massage businesses in conjunction with reformation of the state laws focusing on the buyers with harsher penalties are among their recommendations. (See page 5.)

Co-occurrence of Violence-Related Risk and Protective Behaviors and Adult Support among Male Youth in Urban Neighborhoods


Author(s): Alison J. Culyba, Elizabeth Miller, Steven M. Albert, Kaleab Z. Abebe

Publication year: 2019
Summary: This study investigates the relationship between patterns of violence and level of adult support within male youth in urban neighborhoods. Participants with social support reported significantly fewer risk behaviors.

Abstract: Male youth in lower-resource neighborhoods bear a disproportionate burden of violence involvement, but little is known about clusters of specific violence-related behaviors to inform cross-cutting interventions that address multiple forms of violence. Objective: To examine associations between adult support and patterns of violence and risk or protective behavior co-occurrence among male youths in urban neighborhoods. Design, Setting and Participants: Cross-sectional analysis of baseline and end-of-program data from a recently completed cluster-randomized sexual violence prevention trial across 20 lower resource neighborhoods. Participants were male youths, aged 13 to 19 years, enrolled at youth serving community agencies in Pittsburgh, Pennsylvania, from July 27, 2015, to June 5, 2017. Data were analyzed from July 1, 2018, to February 28, 2019. Exposures: Social support and natural mentoring, as defined by validated survey measures. Main Outcomes and Measures: Validated survey measures (youth violence, bullying, sexual and dating violence, history of exposure to violence and related adversities, substance use, school engagement, and future orientation) were assessed for detailed co-occurrence patterns using hierarchical clustering, dendrograms, and heatmaps across pre-specified domains. Wilcoxon rank sum tests and logistic regression model examined associations between adult support and violence involvement. Results: Among 866 participants, the mean (SD) age was 15.5 (1.6) years and 632 participants (77.5%) identified as African American. All 866 participants completed baseline surveys and 577 completed end-of-program surveys. Seven clusters of risk and protective behaviors emerged: (1) school engagement; (2) career and future aspirations; (3) substance use and bullying exposure; (4) exposure to violence and related adversities, sexual violence exposure, peer delinquency, and gang involvement; (5) sexual violence, youth violence, and bullying perpetration; (6) dating abuse perpetration; and (7) physical or sexual partner violence perpetration. The strongest association cluster occurred among sexual violence perpetration behaviors. Youth with high social support engaged in significantly fewer of the 40 pre-specified risk behaviors (high social support median [interquartile range], 8 [5-12] behaviors vs low social support median [interquartile range], 10[6-14] behaviors; mean difference, 1.64 behaviors; 95% CI, 0.63-2.64 behaviors; P=.004). High social support and natural mentoring were both inversely associated with gang involvement (social support: odds ratio [OR], 0.39; 95% CI, 0.22-0.71; and natural mentoring: OR, 0.44; 95% CI, 0.25-0.76) and sexual violence exposure (social support: OR, 0.39; 95% CI, 0.24-0.64; and natural mentoring: OR, 0.61; 95% CI, 0.39-0.98). Conclusions and Relevance: These findings suggest that co-occurrence of risk and protective behaviors differ significantly among youth with vs without adult support. Violence prevention interventions designed to leverage adult support should address broader co-occurrence patterns.

Risk Factor Patterns in Domestic Minor Sex Trafficking Relationships


Author(s): Mary K. Twis

Publication year: 2019

Summary: This study explores how various forms of domestic minor sex trafficking risk factors are related, and clarifies relationship patterns observed between victims and their traffickers. Observable
commonalities of risk does not provide a pattern to equate with victimization. Prevention efforts must identify a range of risk factors and teach professionals within the systems a means to identify and remediate those risks.

Abstract: Domestic minor sex trafficking (DMST) is the commercial sexual exploitation of a minor citizen or legal resident within United States borders. Officials often view DMST as a monolithic crime, rather than a problem driven by victims’ variable experiences with poverty, racism, and family dysfunction. The purpose of this study is to explore how various risk factors are associated with one another and with DMST victimization, particularly within specific subcategories of DMST, such as trafficking by a family member, stranger, friend, or romantic partner. This study utilizes the archival data from 242 sex trafficked minors. The author coded the case files for the presence of risk factors, such as race, child welfare involvement, juvenile justice involvement, poverty, and more. Then, the author employed chi square procedures to explore the association between risk factors, and between risk factors and victim-trafficker relationship type. Findings suggest that DMST victimization is not a uniform phenomenon, in which all victims share the same risks. There appears to be variations between the risk factors experienced by victims prior to entering specific relationship dynamics. Counter-trafficking advocates need to articulate these variations to the range of professionals who work within the systems that may prevent, identify, and remediate DMST.

Recognize

Commercial sexual exploitation of children: health care use and case characteristics

Author(s): Gail Hornor and Jennifer Sherfield
Publication year: 2018

Summary: “Certain factors increase likelihood of a child being commercially sexually exploited. Pediatric healthcare professionals need training to better identify these indicators among patients.”

Abstract: Although commercial sexual exploitation is not limited to a particular demographic, many factors have been attributed to increasing the likelihood that a child may be exploited. Such factors include mental health issues, substance abuse, living situation, and behaviors/habits of parents. The most important risk factor is believed to be experiencing sexual abuse previously. Healthcare professionals, particularly those within pediatric care, must proactively seek to identify children who are at risk to be or already are experiencing exploitation. One of the best ways to protect children from exploitation is the adaption and utilization of positive parenting techniques that develop and strengthen the parent-child
Recognize, continued

relationship. Pediatric health care providers can and should educate parents on their role in protecting their children from commercial sexual exploitation.

**Sex Trafficking in the U.S.: A Closer Look at U.S. Citizen Victims**

Author(s): Polaris  
Publication year: 2014

**Summary:** “It is important to understand that human trafficking is as much a domestic problem within the U.S. as it is an international problem in third world countries. Polaris has created a report that takes a closer look at domestic victims of sex trafficking specifically within the United States.”

**Abstract:** Victims of sex trafficking are found all over the United States, but often times the general public is not aware of how prevalent the problem is inside their home country. Particular factors that increase the likelihood of sexual exploitation include (but are not limited to): poverty, homelessness, previous sexual abuse, substance abuse, mental health concerns, domestic violence, runaway, involvement in Child Welfare and/or Juvenile Justice System, child abuse/neglect, and/or other types of trauma. Exploitation may be initiated by a romantic partner, a family member, an employer, or even a complete stranger. Victims often express some kind of emotional attachment to their exploiter, whether than be romantic or a belief that the exploiter is their only source of protection and/or income. Many victims come in contact with healthcare, law enforcement, and/or child welfare professionals during the period of their exploitation. Such front-line professionals should be better trained and prepared to recognize and respond to victims of sex trafficking. The report includes additional statistics about characteristics and experiences of sex trafficking survivors. This is an excellent starting point for source material on the topic of sex trafficking.

**Exploring Internal Child Sex Trafficking Networks Using Social Network Analysis**

Author(s): Eleanor Cockbain, Helen Brayley, Gloria Laycock  
Publication year: 2011

**Summary:** “Social Network Analysis can be used as a tool to support the identification, investigation, and disruption of internal child sex trafficking within the United States.”

**Abstract:** Social Network Analysis can take information gathered from previous investigations to piece together a large picture of the networks associated with and generating internal child sex trafficking within the United States. Utilization of such information can provide valuable insights into how such networks form and operate, providing support for additional creative problem-solving and preventative measures to stop future networks from forming and disrupt current networks in operation.

**The Value of Crime Scripting: Deconstructing Internal Child Sex Trafficking**

Author(s): Helen Braley, Eleanor Cockbain, Gloria Laycock  
Publication year: 2011
Summary: “The article demonstrates how Crime Scripting is a viable and cost-effective tool in supporting strategic policing without requiring additional data, software, or training.” (direct quote)

Abstract: Crime scripting is a way of creating a visual diagram of various tracks an offender may pursue in order to commit a crime. By analyzing the various ways in which a crime may develop and occur through the offender’s various decision points, police may be able to exert appropriate pressure on key points of the process that are preventative in nature, rather than simply continuing to follow a reactive approach to law enforcement.

Familial Sex Trafficking of Minors: Trafficking Conditions, Clinical Presentation, and System Involvement

Author(s): Ginny Sprang, Jennifer Cole
Publication year: 2018

Summary: “This research attempts to fill a gap in the literature on the phenomenon of familial sex trafficking of minors.”

Abstract: “It is well documented in the literature that child sex trafficking can be perpetrated by family members, though limited research has focused on describing this type of sexual exploitation. This pilot study addresses this gap by providing an analysis of familial sex trafficking considering trafficking dynamics, and rurality. Using a sample of 31 child welfare-involved children referred for behavioral health assessment and treatment, this mixed methods study explores: (1) victim and trafficker characteristics, the trafficking situation, law enforcement classifications of trafficking, clinical profiles of victims, and system involvement of children and youth involved in familial sex trafficking; (2) gender differences in clinical outcomes in sex-trafficked children; and (3) geographical differences in severity of the victimization experience. Major findings document high rates of family members trafficking children for illicit drugs; high severity of abuse as measured with the Sexual Abuse Severity Score, with higher severity of abuse for children living in rural communities; clinical threshold level scores on the Child Behavior Checklist (CBCL), and the Trauma Symptom Checklist for Children (TSCC-A). Boys and girls had similar clinical profiles except boys had higher CBCL externalizing scores, and females had higher TSCC depression scores. Additionally, more than half of the children in this sample had attempted suicide in their lifetime. This formative study sheds light on the phenomenon of familial sex trafficking, thereby creating the context for further investigations. Implications for identification and effective responses to familial sex trafficking, with specific attention to gender and geography are discussed.”

"To the public, nothing was wrong with me": Life experiences of minors and youth in Texas at risk for commercial sexual exploitation

Author(s): Kellison, B., Torres, M. I. M., Kammer-Kerwick, M., Hairston, D., Talley, M., & Busch-Armendariz, N.
Publication Year: 2019

Summary: “This study describes child sex trafficking in three regions across Texas using empirically grounded qualitative and quantitative research methods. It is intended to expand the body and depth of knowledge that can that can help anti-trafficking professionals better identify individuals at risk for, or experiencing, child sex trafficking.” (Kellison, et. al., 8.)
466 surveys of young people age 13 and 27 had to have experienced at least one of the following four risk factors prior to the age of 18:

1. A history of emotional or sexual abuse;
2. A history of homelessness or were currently homeless;
3. A history of running away from home;
4. Involvement with the child welfare system or had been assigned a case worker from any agency and/or organization.

Among at-risk participants, 25% of LGBTQ and 18% of cisgender heterosexual females were victims of sex trafficking.

Approximately 7% of at-risk cisgender heterosexual males were victims of sex trafficking.

After their first experience of exploitation, victims of child sex trafficking spend about 35% of their lives in circumstances of exploitation.

About 33% of victims of sex trafficking in this study were victimized in the past year.

Of those who have experienced sex trafficking victimization, 83% have also experienced some other form of exploitation.

The average age of first sex trafficking victimization among study participants was about 15 years old.

Around 73% of individuals who had experienced sex trafficking also engaged in un-coerced survival sex at some point during their lives.

About half of individuals who experienced sex trafficking had been forced to participate in commercial sex by a romantic partner.

A Framework for the Development of Healthcare Provider Education Programs on Human Trafficking Part Three: Recommendations


Author(s): Cathy L. Miller, Makini Chisolm-Straker, Gloria Duke & Hanni Stoklosa

Publication year: 2019

Summary: This study provides expert recommendations to guide the development of survivor-informed education programs on human trafficking for healthcare providers. Recommendations include that organizations ensure training content delivered is evidence-based, trauma-informed, and survivor informed.

Abstract: Human Trafficking (HT) also known as Trafficking in Persons (TIP) is increasingly recognized as a public health problem. This increased awareness has prompted healthcare providers (HCP), healthcare organizations, non-governmental organizations (NGO), and governmental entities to develop healthcare provider education programs and curricular content. While well-intentioned, some education programs lack an evidence-based, trauma-informed, survivor-informed approach. Evidence shows that survivors report experiencing mental and physical harm, from shame and humiliation, to sexual assault from HCPs when seeking care services. As organizations endeavor to provide education to HCPs on HT, organizations have a responsibility to ensure content delivered is evidence-based, trauma-informed, and survivor informed. This paper seeks to provide such recommendations and guidelines and is based on the findings of a two-round Delphi study of subject matter and survivor experts and the best available
Recognize, continued

evidence (Stoklosa, Miller, Duke, & Chisolm-Straker, 2019; Chisolm-Straker, Miller, Duke, & Stoklosa, 2019).

**Childhood Polyvictimization, Adult Violent Victimization, and Trauma Symptomatology: An Exploratory Study of Prostitution Diversion Program Participants**


Author(s): Alexander H. Updegrove, Lisa R. Muftic

Publication year: 2018

**Summary:** This study suggests that participants in prostitution diversion programs may have a more difficult time successfully completing the program if they have experienced multiple traumas as children.

**Abstract:** Prostitution diversion program participants who have experienced lifelong patterns of abuse, including child polyvictimization and later adult victimization, may exhibit greater trauma symptomatology than participants who have not experienced lifelong abuse. If true, these participants may face unique barriers to successful program completion as a result of their increased trauma symptomatology. This calls into question whether incarceration is an appropriate sanction for program failure. Data from a prostitution diversion program located in Houston, Texas, was used to conduct a series of bivariate analyses that examined whether participants who had experienced multiple types of child abuse: (1) were more criminally involved, (2) were more likely to report adult victimization, and (3) exhibited greater trauma symptomatology relative to program participants who had never experienced child abuse, or only experienced a single type. Participants who had experienced multiple types of child abuse were more likely to report adult victimization and greater trauma symptomatology relative to participants who had not experienced any child abuse. The prostitution diversion program examined in this study contained a subgroup of participants who had experienced multiple types of child abuse, possessed an increased risk of adult victimization, and reported greater trauma symptomatology. These participants are trauma survivors, and may face unique barriers to program completion. Consequently, incarceration is a misguided sanction for program failure, as it may lead to further traumatization.

**Human Trafficking Victim Identification, Assessment, and Intervention Strategies in South Texas Emergency Departments**


Author(s): Jean Dowling Dols, Diana Beckmann-Mendez, Jessica McDow, Katherine Walker, Michael Moon

Publication year: 2019

**Summary:** This study of 99 emergency medical departments in South Texas showed a widespread failure to recognize human trafficking victims due to lack of awareness of the human trafficking (HT)
Recognize, continued

experience, need for clinical education related to evidence-based protocols, and the need for validated screening instruments and standardization of processes that promote action and provide victim assistance.

**Abstract:** Human-trafficking victims seek assistance for health issues in emergency departments. This point of contact provides an opportunity for screening and identification of the victim’s situation, enabling intervention. This descriptive research study was designed to identify whether a standard protocol is currently used to identify, assess, and intervene for human-trafficking victims in 47 south Texas counties. ED leaders were surveyed using a sequential set of strategies including online, e-mail, and/or phone surveys to identify the methods used in emergency departments screening for adult/child human-trafficking victims. Researchers surveyed 99 emergency departments in south Texas, which includes 21 counties bordering Mexico. Twenty-seven ED leaders responded (27.3%). Despite being located in an area with high rates of human trafficking, these leaders stated that few trafficking victims were identified in 2017. Eleven (40.7%) of the responding emergency departments specifically screened adults for human trafficking, and 10 (37.0%) specifically screened children for human trafficking. A variety of methods were used by each of these emergency departments to identify human-trafficking victims. The failure to recognize human-trafficking victims prevents assessment of the victim’s status and further delays referral to appropriate resources. Barriers to screening for human trafficking included lack of awareness of the human-trafficking experience, need for clinical education related to evidence-based protocols, and need for validated screening instruments and standardization of processes that promote action and provide victim assistance.

**Human Trafficking Education for Pre-Licensure Nursing Students: A Quality Improvement Project**


Author(s): Mollie Elizabeth Flowers

Publication year: 2019

**Summary:** This study showed that a concise 20-minute online education module for nurses can increase knowledge level and self-perceived ability to identify and help human trafficking victims.

**Abstract:** Human trafficking is a form of modern slavery and a violation of human rights (Scanwell, Macdonald, Berger, & Boyer, 2018). An estimated 40.3 million individuals are being trafficked globally at any one time with 14,500 to 17,500 being trafficked within the United States annually (Polaris, 2018; Mason et al., 2016; Richards, 2014). An estimated 87% of human trafficking victims were seen by health care professionals during the time they were being trafficked and went unrecognized. (Lederer & Wetzel, 2014). This project utilized the Plan–Do-Check-Act model for quality improvement. (Agency for Healthcare Research and Quality, n.d.). This project consisted of a 20-minute online education module for pre-licensure nursing students (undergraduate and Master’s Entry to Professional Nursing [MEPN]) with a self-created, mock video simulation with pre- and post-test measures. Scored pre- and post-tests were analyzed through SPSS and a paired t-test completed. Pre-test mean for undergraduate participants was 58.38 (N= 15). Post-test mean score was 78.71 (N= 13). Pre-test mean for MEPN was 59.13 (N= 25), the post-test mean was 81.2 (N = 22) There is strong evidence (undergraduate: \( t = 3.92, p = 0.002 \), MEPN: \( t = 5.303, p = 0.000 \)) the education module increased knowledge level based on scored pre- and post-
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tests. Based on the reported statistics, the use of educational sessions and training can statistically increase knowledge level and self-perceived ability to identify and refer victims appropriately in this population.

**Human Trafficking of Children: Nurse Practitioner Knowledge, Beliefs, and Experience Supporting the Development of a Practice Guideline: Part One**


Author(s): Jessica L. Peck, Mikki Meadows-Oliver

Publication year: 2019

**Summary:** There is a need for quality education and clinical practice guidelines for pediatric clinicians to identify potential and actual human trafficking victims.

**Abstract:** Up to 87% of trafficking victims encounter a health care provider while being trafficked but are not recognized as victims. Most health care providers receive little or no training, and awareness remains low. To describe the knowledge, beliefs, and attitudes of pediatric advanced practice registered nurses about human trafficking. A survey of the National Association of Pediatric Nurse Practitioners membership (n = 8,647) before the intervention measured knowledge, beliefs, and experience regarding child trafficking. An awareness campaign was implemented with continuing education, national media presence, Train the Trainer programs, and creation of a nonprofit organization to direct strategic initiatives. Overall, 799 (9%) NAPNAP members completed the survey. Although 87% believed it possible that they might encounter a victim of trafficking in their practice, 35% were unsure if they had provided care for a victim. Only 24% reported confidence in their ability to identify a child at risk for trafficking. These survey findings indicate the need for clinical practice guidelines to identify potential and actual victims of human trafficking. Pediatric advanced practice registered nurses are ideally equipped and situated to intervene on behalf of vulnerable children with health disparities in a myriad of care settings, advocating for prevention and optimization of equitable health outcomes.

**Using Survivors’ Voices to Guide the Identification and Care of Trafficked Persons by U.S. Health Care Professionals**


Author(s): Stephanie Armstrong, V. Jordan Greenbaum

Publication year: 2019

**Summary:** This literature review provides insight into the barriers human trafficking victims face in accessing medical and mental health services and recommends a trauma-informed, rights-based approach to care to address them.
Abstract: Evidence suggests that trafficked persons in the United States frequently seek healthcare, yet little is known of their experiences, including reasons for seeking assistance, interactions with professionals, and barriers to obtaining care. To gain a better understanding, a search was conducted for empirical data collected directly from trafficked persons about their US health care experiences, published in peer-reviewed journals within the past 10 years, and in the English language. Four data bases were searched and of the 1,605 articles initially identified, 8 met all inclusion criteria. Data from 420 participants demonstrated a wide range of physical and mental health complaints and 50%–98% reported seeking health care services in diverse medical settings during their exploitation. Barriers to care occurred at various levels, and although some are not modifiable, others are amendable by changes in the behaviors of professionals. A trauma-informed, rights-based approach to care would address many of these issues and create feasible treatment plans.

Youth Arrested for Trading Sex Have the Highest Rates of Childhood Adversity: A Statewide Study of Juvenile Offenders


Publication year: 2017

Summary:

Youth arrested for trading sex in Florida had higher rates of adverse childhood experiences (ACES), particularly for sexual abuse and neglect, than youth arrested for other crimes.

Abstract: A history of childhood adversity is associated with high-risk behaviors and criminal activity in both adolescents and adults. Furthermore, individuals with histories of child maltreatment are at higher risk for engaging in risky sexual behavior, experiencing re-victimization, and in some cases, becoming sexual offenders. The purpose of the current study was to examine the prevalence of individual and cumulative adverse childhood experiences (ACEs) reported by 102 offending youth who were arrested for trading sex and 64,227 offending youth who were arrested for various other crimes, using Florida’s Positive Achievement Change Tool. Youth with violations related to sex trafficking had higher rates for each ACE as well as number of ACEs, particularly sexual abuse and physical neglect. These findings have implications for identifying adverse experiences in both maltreated and offending youth as well as tailoring services to prevent re-victimization.
Commercially sexually exploited youths' health care experiences, barriers, and recommendations: A qualitative analysis

Author(s): Roya Ijadi-Maghsoodi, Eraka Bath, Mekeila Cook, Lauren Textor, Elizabeth Barnert
Publication year: 2018

Summary: “Commercially sexually exploited youth face barriers to healthcare access based on their perceptions of healthcare professionals being judgmental and critical. These youth also desire more access to peer-mentors who have experienced the “life” that they know in order to facilitate more meaningful progress in recovery.”

Abstract: Healthcare needs and accessibility are a major concern among commercially sexually exploited (CSE) youth and those that work with them. Recently, researchers have focused on trying to better understand these needs and potential barriers to access by speaking directly with CSE youth about their experiences. According to the research presented by Roya Ijadi-Maghsoodi, Eraka Bath, Mekeila Cook, Lauren Textor, and Elizabeth Barnert (2018), CSE youth interact with healthcare systems and services frequently, particularly within the realm of reproductive health. Accessibility to these services are not limited by the availability of such clinics, but rather are limited due to CSE youths’ perceptions of the treatment and services rendered. It was identified that the main barriers to access, specifically to reproductive and mental healthcare, include the expectation that healthcare professionals may be judgmental of CSE youth, the service may be of low-quality, personal information may not remain confidential, and CSE youth may be turned in to local authorities if their lifestyle is discovered or suspected. In order to overcome these barriers, the interviewed CSE youth made several recommendations. Recommendations included increasing the usage of peer-mentors, updating and increasing reproductive healthcare education among youth at younger ages, training healthcare professionals to maintain a non-judgmental and non-paternal approach to care of CSE youth, and posting billboards and ads with healthcare contact information in areas frequented by CSE youth.

Behavioral Health Treatment “Buy-in” Among Adolescent Females with Histories of Commercial Sexual Exploitation

Recover, continued

Author(s): Elizabeth Barnert, Mikaela Kelly, Sarah Godoy, Laura S. Abrams, Eraka Bath

Publication year: 2019

Summary: This study of 21 female victims of commercial sexual exploitation showed that trauma-informed, behavioral healthcare centered on patient-provider trust and shared-decision making increased their willingness to engage in treatment. These results inform successful delivery of behavioral healthcare for other at-risk youth populations.

Abstract: Adolescent females with histories of commercial sexual exploitation (CSE) have high mental health and substance use treatment needs, yet little is known about their perspectives regarding behavioral health and behavioral health treatment. We sought to understand the attitudes of adolescent females with histories of CSE regarding behavioral health to identify factors influencing “buy-in” to behavioral healthcare. Participants and setting: Participants included 21 adolescent females, affiliated with our partner organizations (two group homes, a service agency, and a juvenile specialty court), who reported having exchanged sex for something of value. In-depth qualitative interviews explored participants’ perspectives towards behavioral health. We conducted thematic analysis to identify themes concerning behavioral health. Participants provided insightful definitions of “mental health” that included positive and negative aspects of emotional and cognitive states (e.g. “being happy with yourself” and “not thinking suicidal”), indicating intensified mental health challenges and resilience. Substance use was viewed as a coping mechanism for childhood trauma and their exploitation. Trusted relationships with providers and navigable health systems that encourage autonomy were key to promoting “buy-in” and thus engagement in behavioral health treatment. A conceptual model emerged illustrating factors leading to treatment engagement. Adolescent females with histories of CSE constitute a vulnerable population with high levels of trauma as well as unmet mental health and addiction treatment needs. The delivery of trauma-focused, behavioral healthcare centered on patient-provider trust and shared-decision making that encourages client autonomy should be prioritized.

Human Trafficking Victim’s Service Needs and Outcomes: An Analysis of Clinical Law Data


Author(s): Michelle Munro-Kramer, Dana Beck, Kristen Choi, Rebecca Singer, Annemarie Gebhard & Bridgette Carr

Publication year: 2019

Summary: Analysis of files of human trafficking (HT) victims who received legal aid at the University of Michigan HT Law Clinic shed light on the extensive healthcare, social service, and legal needs of HT victims and the barriers to meeting those needs, including lack of collaboration between disciplines.

Abstract: Human trafficking is a human rights violation occurring around the world. Despite the profound social, health, and economic consequences of this crime, there is a lack of research about the prevalence and needs of human trafficking victims. The purpose of this study is to describe the healthcare, social service, and legal needs of human trafficking victims seeking services at the University of Michigan Human Trafficking Clinic. A secondary analysis of the University of Michigan Human Trafficking Victim’s Service Needs and Outcomes: An Analysis of Clinical Law Data
Trafficking Clinic closed case files from 2009-2016 was performed. Data were extracted from the legal files to create a database and data analyses were completed using descriptive frequencies, logistic, and linear regression. Data were extracted from 65 closed cases made up of 49 female victims (75.4%) and 16 male victims (24.6%) between the ages of 13 and 68 years old (M=30.15). Victims had experienced labor (56.9%) and sex (47.7%) trafficking. Logistic regression modeling indicated that trafficking experiences significantly influenced post-trafficking mental healthcare, social service, and legal needs. Victims of human trafficking have extensive needs; however, there are many barriers to seeking and receiving comprehensive services. In order to serve this vulnerable population, collaboration between disciplines must occur.

**Mental Health of Human Trafficking: A Systematic Review**


Author(s): Awaliyah M. Suwetty, Asti Melani Astari, Titin Andri Wihastuti

Publication year: 2019

**Summary**: This review of peer-reviewed journal articles showed that human trafficking (HT) greatly affects the mental health of its victims and is associated with depression, isolation, disorientation, aggression, suicidal ideation, attention deficit, psychotic disorders, behavioral and post-traumatic stress disorder (PTSD).

**Abstract**: Human trafficking is being global crime worldwide. The practice of human trafficking in the form of human exploitation implicated in human rights violations. Survivors of human trafficking will experience health problems both physical and mental problems. The purpose of this systematic review was to identify and summarize the mental health problems of human trafficking victims. Systematic search conducted on March 12, 2019 in data of ProQuest, SpringerLink, and Scopus by keyword *human health of human trafficking* between the years of 2013-2018. The result of this search found 14 journals that match with inclusion criteria. The inclusion criteria were peer-reviewed journal articles, written in English, all forms of exploitation, the samples are aged >15 years old. The results shown the incidence of human trafficking greatly affected the mental health of victim. Victims experienced anxiety, depression, isolation, disorientation, aggression, suicidal ideation, attention deficit, psychotic disorders, behavioral and post-traumatic stress disorder (PTSD). For further research [is] required in efforts to overcome the mental health impact of human trafficking victims. The focus on preventing efforts was through government campaigns, IOM and law enforcement and also the fulfillment of the rights of human trafficking victims.

**Resiliency and Women Exiting Sex Trade Industry Work**


Author(s): Kristine E. Hickle
Recover, continued

Publication year: 2017

Summary: This study of 19 adults who had successfully exited the sex trade – the majority of whom had been trafficked – showed that survivors developed resiliency through the exiting process from 1) connection (subthemes include survivors, children, and spirituality); 2) resources (subthemes include networks, structure and safety); and 3) personal growth.

Abstract: A qualitative approach was used to explore the experience of exiting sex trade industry work from the perspective of 19 adults formerly involved in the sex trade industry. A narrative approach to data collection was used to explore the participants’ experiences of successful exiting and phenomenological analysis was employed to identify themes that reflected the ways in which participants developed resiliency throughout the exiting process. Themes include connection (including subthemes: survivor presence, children and spirituality), resources (including subthemes: networks, structure and safety) and personal growth. These themes represent women with diverse experiences in the sex trade industry, including a majority who were victimized by domestic sex trafficking. The findings demonstrate opportunities for social work practice to address the diverse needs of individuals exiting the sex trade industry, specifically for those who experienced sex trafficking and sexual exploitation.

Comprehensive Care Model for Sex Trafficking Survivors


Author(s): Naomi M. Twigg

Publication year: 2016

Summary: This study of 5 U.S. residential treatment centers for youth victims provides a deeper understanding of the range of services currently provided and suggests that these be expanded to include education re-entry, family reunification, family reconciliation, and emergency substance abuse services.

Abstract: The purpose of this study was to identify aftercare services for domestic minor of sex trafficking (DMST) survivors provided by U.S. residential treatment centers. Design: A qualitative research study was conducted with aftercare program personnel from five U.S. residential treatment centers for DMST survivors. Interviews were conducted with staff from five different residential treatment centers providing services exclusively to domestic minor sex trafficking survivors. Participants described the range of services offered to address survivors’ post-trafficking needs. Participants’ responses assisted in expanding an existing care model to include education re-entry, family reunification, family reconciliation, and emergency substance use services. This study led to the refinement of an aftercare service delivery model and laid the foundation to develop best practice guidelines for providing aftercare services to DMST survivors. Sex trafficking is a global health problem affecting our youth today. Nurses have a vital role in combatting sex trafficking by raising awareness about the problem and restoring the lives of sex trafficking victims by implementing innovative care programs.
Uncharted waters: developing mental health services for survivors of domestic human trafficking. 
Harvard review of psychiatry, 26(5), 287-297

Author: Abigail M. Judge
Publication year: 2018

Summary: The complexity of recovery from sex trafficking requires a holistic and comprehensive approach. The exit and recovery patterns for victims of trafficking must be seen in the whole of the patient’s experiences including the context of their childhood. Victimization produces physical, psychological, emotional, and relational challenges. Addressing the whole person using a systems approach not isolated psychological interventions proves beneficial to recovery. This article is very readable and uses vignettes to demonstrate the application of best practices.

Abstract: In recent years, heightened attention has been paid to commercial sexual exploitation, including domestic human sex trafficking (HST), with mental health concerns named the most dominant health concern among survivors. Human sex trafficking is associated with significant and long-term mental health consequences. Research to date has emphasized ways to identify survivors in health care settings. Once identified, however, few specialized services are available to help survivors exit and recover. The current services infrastructure for HST has been compared to the disjointed social response to intimate partner violence before the women’s movement helped develop a system of battered women’s shelters. Although research has highlighted the need for a multidisciplinary and interagency response to HST, including mental health care, best practices have not yet been formulated. Furthermore, available services are fragmented across sectors. With psychology and psychiatry taking tentative steps to develop services for HST survivors, this article identifies six principles to help avoid a fragmented and potentially re-traumatizing clinical and systemic response. The overarching goal is to design services that are flexible, accessible, trauma informed, survivor driven, responsive to stages of change, multidisciplinary, and enduring, especially given the centrality of healthy attachments and community in trauma recovery. Principles are derived from the limited available research on HST services and from examples of efficacious interventions for patient groups with similar characteristics. The discussion is also informed by composite clinical vignettes from a specialized clinic for adult survivors of HST, housed in a major teaching hospital. Finally, practice recommendations and strategies for building interdisciplinary collaborations are discussed.
Lifelong wellbeing for survivors of sex trafficking: collaborative perspectives from survivors, researchers, and service providers

Author(s): Vatne Bintliff, Amy; Stark, Christine; DiPrete Brown, Lori; and Alonso, Araceli
Publication year: 2018
Summary: “This article summarizes a collaborative effort by researchers, service providers, and women who have experienced exploitation and trafficking for sex, to inform policy and practice related to care for survivors.” Note: This includes women from the United States as well as other countries. (Source: Women’s United Nations Report Network - WUNRN).

Abstract: This article summarizes a collaborative effort by researchers, service providers, and women who have experienced exploitation and trafficking for sex, to inform policy and practice related to care for survivors. The effort brought together current research program experience from around the world, and survivor perspectives, in a 2015 interactive forum entitled “STREETS of Hope: Listening to and Supporting Survivors of Human Trafficking.” A participatory approach to defining wellbeing, designed especially for use with vulnerable or highly marginalized populations of women and girls, provided the framework for the discussions. In addition, attempts were made to use principles of trauma-informed care during the workshop itself, toward the overall goals of 1) working as equals to inform research agendas; 2) gaining insights from survivors to improve services; and 3) providing survivors and all participants with a wellbeing model that can help them think and speak with specificity and clarity about their personal growth, wellbeing, and self-care. The results of the interactive two-day workshop and subsequent consultations included: 1) increased understandings and more detailed descriptions of what wellbeing is from the lived experience of survivors, and 2) insights about ways that services and care can be more responsive to the needs and preferences of survivors. Further, the collective exercise suggested revisions and specifications to the wellbeing model itself. Finally, the collaborators identified future directions for their shared research and practice. Overall, the experience of the “STREETS of Hope Forum” supports the idea that iterative, equitable, collaborative work with survivors must be employed to inform systems of care, and that a dynamic and multi-dimensional concept of wellbeing can help survivors, researchers, program leaders and policy-makers to foster support and agency throughout the life course. For those who participated, “STREETS of Hope” constituted a reframing of the goals of services care. It enabled us to think beyond basic needs and survival as defined by caregivers, to one that centers the experience of survivors and fosters recognition of and realization of their talents and life aspirations.”

The voices of survivors: An exploration of the contributing factors that assisted with exiting from commercial sexual exploitation in childhood

Author(s): Annie Corbett
Publication year: 2018
Summary: “Survivors should be more fully utilized as a source of knowledge to improve and inform exit-strategies for those seeking to leave the sex trade industry.”

Abstract: “According to the Federal Bureau of Investigation (FBI), cases of Commercial Sexual Exploitation of Children (CSEC) have increased considerably in the United States over the past few years, with over 1.1 million reported cases (ECPATUSA, 2017), particularly in the Northern California San
Support Healing, continued

Francisco Bay Area. From a strengths-based trauma-informed perspective, this study explored the factors that assist youth with exiting the life associated with CSEC. The primary research question was, “What can be learned from the lived experiences of women who successfully exited childhood commercial sexual exploitation and perceive themselves to be functioning well despite this history? This qualitative study employed semi-structured interviews with 13 predominately women of color, average age of 25 (range 21–26), who successfully exited the Life after enduring an average of 4 years (range 1–9). The average age for the group for becoming exploited was 13 (range 8–17), with all exiting during their 17th year. A thematic analysis identified 20 themes organized under three primary categories. The first category, Self-Defined Wellness (4): naming of self-outside the Life, positive family connections, breaking the cycle, and embracing the term survivor. The second, Describing the Life (6): sex for goods, surviving the Game, pimp control, wanting to be loved/look good, contributing family factors, and the grooming process. The third, Exiting Process (10): naming one who has exited, others depend on me, not profitable to exit, fear keeps you in, thinking about leaving, the role of family, pending motherhood, wanting to be free, sustaining exit, and professional systems not accessed. There were four recommendations from survivors: active listening, encouragement, non-judgment, and don't leave when we push. Two anecdotal themes emerged: active listening, encouragement, non-judgment, and don't leave when we push. Two anecdotal themes emerged: treated like garbage by the legal system, and I thought I was grown. The study design uniquely positioned the voices of survivors as experts in relation to expanding knowledge about the exiting process and in offering recommendations for youth-at-risk, family members, and providers. Contributions include underscoring the importance of bearing witness to youths' stories as part of resiliency/recovery and valuing the complexities of family relationships/dynamics in the exiting process. Implications for advocacy, research, and practice are discussed.

A Qualitative Study of Women’s Experiences Transitioning from the Sex Trade to Legal Employment Opportunities


Author(s): Shannon Knight Deer

Publication year: 2017

Summary: This study of women transitioning out of the sex trade and into legal employment describes the challenges, supports and types of learning used throughout their transition. The findings are organized into a model that shows the sociocultural influences on this transition process and the connections between exiting the industry and beginning a new life outside of the sex trade.

Abstract: Law enforcement, the media, and the public have given recent attention to the sex trade in conjunction with an increased focus on combatting sex trafficking. However, little is known about women’s experiences transitioning out of the sex trade, especially related to learning and finding economically sustainable employment. The purpose of this study was to investigate the experiences of women transitioning out of the sex trade, especially related to finding legal employment. Transitional learning theory, experiential learning theory, and a general transition model formed the conceptual framework which guided this study. Participants included 10 adult English speaking women who engaged in the sex trade in Texas for at least 1 year, and who exited the sex trade at least 3 months before being interviewed. Data collection involved two semi-structured interviews composed of open-ended questions and probing questions. I used the constant comparative coding method for data analysis. Respondents described the challenges, supports, and types of learnings used throughout their experience transitioning from the sex trade. The participants’ experiences were categorized into (a) employment related
Support Healing, continued

challenges, (b) managing mental health and emotions, (c) navigating basic life skills, and (d) building, rebuilding, and managing relationships. Themes related to women’s supports include (a) how women found support, (b) the importance of support providers conducting a needs assessment with women, (c) the supportive relationships women experienced, (d) the necessity of holistic support, and (e) the support women felt was missing while they transitioned. Finally, themes related to women’s types of learning included (a) experiential learning, (b) social learning, (c) the role of survivor leaders in power and policy, and (d) the need to treat survivor leaders as experts and teachers. I organized the findings into a model to describe women’s transition process. The findings have implications for practice—by organizations, employers, and law enforcement—as well as policy and future research.

Caring for Human Trafficking Victims: A Description and Rationale for the Medical Safe Haven Model in Family Medicine Residency Clinics


Author(s): Ronald Chambers

Publication year: 2019

Summary: Medical Safe Haven Programs provide long-term care for human trafficking (HT) patients using validated victim-centered trauma-informed care and incorporating survivor-informed practices. They coordinate care with local community agencies, provide training for healthcare provider, and ensure comprehensive care by mitigating barriers to access, reducing risk of re-traumatization, and preventing failure of victim rehabilitation. These programs have improved the lives of many HT victims, but more work is needed to ensure effective, accessible, long-term care.

Abstract: Human trafficking is a growing public health issue. As we understand more about the prevalence of persons experiencing trafficking accessing clinical services and their unique healthcare needs, we recognize the need for programs dedicated to creating a safe environment to ensure victims and survivors have equitable, sustainable access to the physical, mental, and psychosocial care they require. Healthcare providers are often a first line of care for persons experiencing trafficking and represent a significant opportunity to positively impact outcomes in terms of health, overall quality of life, and reintegration into society. Here we discuss how persons experiencing trafficking present in the clinic, including survivors’ reported experiences with healthcare providers, how to identify victims, and why it is important to do so appropriately in a trauma-informed manner. We then describe key characteristics of a “Medical Safe Haven” clinic, an umbrella term used to describe clinics providing longitudinal care for patients who have been trafficked using validated victim-centered trauma-informed care techniques and incorporating survivor-informed practices. Medical Safe Haven clinics coordinate care with local community agencies, provide training for healthcare providers, and ensure longitudinal, comprehensive care by mitigating barriers to access, reducing risk of re-traumatization, and preventing failure of victim rehabilitation. We conclude with recommendations for next steps in evaluation and dissemination of this model of care.

Optimizing Placement of Residential Shelters for Human Trafficking Survivors

Author(s): Kayse Lee Maass, Andrew C. Trapp, Renata Konrad

Publication year: 2019

**Summary:** This study proposes an optimization model that allocates a budget for locating residential shelters for human trafficking (HT) victims in a manner that maximizes a measure of societal impact (labor productivity gained, reduction in juvenile arrests, disability-adjusted life years averted, and legislative environment) while also taking into account the demand for shelters, the current number of shelters available, and construction and operating costs.

**Abstract:** Residential shelters play a critical role in the stabilization and eventual reintegration to society for trafficked persons and entail a large investment. In the United States, survivors of human trafficking live in every state. However, in 2018 a majority of states lack dedicated residential shelters for trafficking survivors. Even in states with shelters, data suggests that demand greatly exceeds capacity, and significant disparity exists between states with respect to the legislative environment and provision of auxiliary services for survivors. We present an optimization approach to evaluate the societal impact of locating dedicated shelters for trafficking survivors at a regional level. Using concepts from health and social welfare economics, we develop an optimization model that allocates a budget for locating residential shelters in a manner that maximizes a measure of societal impact while respecting budgetary constraints. For our case study, we measure this impact via a societal value quantified by a combination of labor productivity gained, reduction in juvenile arrests, disability-adjusted life years averted, and legislative environment, adjusted for the demand for shelters and the current number of shelters available, less construction and operating costs. We illustrate the utility of the model via our case study that allocates a budget among a candidate set of residential shelters for female sex trafficking survivors in the United States. Via sensitivity analyses on a robust set of uncertain parameters, we present policy implications of shelter placements to support this critical societal concern.

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**Moving Towards Self-Actualization: A Trauma-Informed and Needs-Focused Approach to the Mental Health Needs of Survivors of Commercial Child Sexual Exploitation**


Author(s): Julie Anne Laser-Maira, Donna Peach, Charles E. Hounmenou

Publication year: 2019

**Summary:** In order for survivors of child sexual exploitation to feel valued and to achieve self-actualization, they need trauma-informed services. This study proposes merging Maslow’s hierarchy of needs with a trauma-informed approach to provide a comprehensive framework to assess the service requirements necessary to meet the needs of victims.

**Abstract:** There is increasing evidence that children who are subject to commercial child sexual exploitation (CCSE) are likely to experience complex mental health needs. Failure to address the trauma
Support Healing, continued

experienced by victims of CCSE can lead to suicide attempts, self-harm, and long-term mental health needs (Powell, Asbill, Louis, & Stoklosa, 2018). A ‘trauma-informed’ approach (TIA) creates a responsive environment that improves the motivation of victims of CCSE to seek treatment and service providers to address unmet needs. Merging Maslow’s (1943) hierarchy of needs with a TIA approach provides a comprehensive framework to assess the service requirements necessary to meet CCSE survivors’ needs. Particularly, when Maslow’s hierarchy of needs model is coupled with contemporary extensions, which address our greater understanding of the neurological impact of abuse on physiological well-being greater resilience can be created. Additionally, a TIA instigates a shift from victims of CCSE being viewed as damaged, to an understanding of the impact abusive experiences have had on their development. That approach permits them and others to perceive their “survivorhood” and develop their capacity to achieve self-actualization. This paper critically examines what is constituted as best practice in trauma-informed mental health service delivery to not only meet needs but to support CCSE survivors’ attainment of self-actualization.

Nightmares and flashbacks: The impact of commercial sexual exploitation of children among female adolescents placed in residential care.


Author(s): Nadine Lanctôt, Joan A. Reid, Catherine Laurier

Publication year: 2019

Summary: This study found that commercially sexually exploited female victims had higher levels of general post-traumatic symptoms, anxious arousal, intrusive experiences, defensive avoidance, and dissociation than non-CSEC girls in residential treatment.

Abstract: Important unresolved questions remain concerning the specific vulnerabilities and intervention needs of female adolescents who experience commercial sexual exploitation of children (CSEC), when compared to other highly vulnerable female adolescents. This study aimed to assess differences in the level of post-traumatic symptoms reported by those who experienced CSEC during adolescence and those who did not. The study used longitudinal data collected from 125 French-speaking female adolescents who were placed in residential centers between the ages 12 and 17 years. Post-traumatic symptoms were assessed at Time 1 and Time 6, while CSEC involvement was assessed at Times 1-5. One-way ANOVAs were performed to inspect differences in the level of post-traumatic symptoms at Time 6 between the participants who reported CSEC during adolescence (n=70; 56.0%) and those with no history of CSEC (n=55; 44.0%). Hierarchical regressions examined the effects of CESC while controlling for age, immigration status, child sexual abuse, and post-traumatic symptoms reported at Time 1. CSEC during adolescence predicted higher levels of general post-traumatic symptoms, anxious arousal, intrusive experiences, defensive avoidance, and dissociation. CSEC experiences intensify the existing vulnerabilities to traumatic sequelae that characterize female adolescents who are placed in residential care.
Policing Human Trafficking: Cultural Blinders and Organizational Barriers

Author(s): Amy Farrell and Rebecca Pfeffer
Publication year: 2014

Summary: “Current (as of 2014) law enforcement cultural perceptions of human trafficking are hindering officers from being able to correctly identify and respond to trafficking cases.”

Abstract: All fifty states have criminalized human trafficking. However, despite large prevalence estimates of human trafficking victims nationwide, relatively few cases of trafficking have been identified, investigated, and prosecuted at the local level. The researchers, through case records and qualitative interviews, found that cultural perceptions about human trafficking both within the police agencies and the society at large hinder officers from being more proactive in identifying and investigating human trafficking cases. At this time the general understanding of trafficking is too narrow and prevents law enforcement from recognizing trafficking in its various forms. Law enforcement is also hesitant to expand resources in areas that the public may not support or believe is worthwhile. The public’s perception of “worth” is also hindered by a too narrow definition of human trafficking. Furthermore, law enforcement is reactive in human trafficking cases, waiting until there is an outcry from a victim or someone who reports suspicious behavior. In order to potentially increase identification and responses to human trafficking situations, both the public and law enforcement must better understand a broader definition of the term “trafficking” and share a desire to combat it in all its forms. Changes in cultural perceptions will also help encourage more proactive law enforcement efforts in regards to trafficking and its victims.

Gendered Outcomes in Prostitution Arrests in Houston, Texas

Author(s): Rebecca Pfeffer, Pablo Ormachea, David Eagleman
Publication date: 2017

Summary: “Research indicates that sentencing in the criminal justice system may be impacted by gender. According to a sample taking from 1977-2010 in the Houston area, women were more likely to be arrested and receive a jail sentence for prostitution than men.”
Abstract: Research is continuing to suggest that gender plays a large role in hindering the criminal justice system from treating individuals equally before the law. Taking data from Harris County in Texas between the years 1977-2010, the researchers provide statistical evidence that women are more than 2x more likely to be arrested for prostitution related offenses than men. However, men are more likely to receive a fine or probation. Through this evidence and supporting literature, law enforcement is shown to focus much more heavily on the suppliers of commercial sex (“sellers”) than on those who purchase or solicit the sexual activities (“buyers”). According to data, men are more likely to be buyers than sellers, which provides additional insight into why women are more often incarcerated. The researchers recommend that “enforcement strategies be adjusted to focus more on male participants of prostitution exchanges, particularly among buyers of sex.”

Police perceptions of human trafficking

Author(s): Any Farrell, Rebecca Pfeffer, Katherine Bright
Publication year: 2015

Summary: “Previously-held perceptions by police officers regarding human trafficking and prostitution have hindered law enforcement in its ability to identify and prosecute human trafficking cases correctly. Comparing human trafficking to prostitution cases, which officers are typically more familiar with, can ‘both facilitate and impede human trafficking enforcement’.”

Abstract: This research sets out to understand how police perceptions about human trafficking influence investigation and response strategies and techniques among law enforcement. 90 law enforcement officials from 12 US counties were extensively interviewed in order to provide data for this project. Through the interviews, researchers concluded that many law enforcement officials struggle to make distinctions between prostitution and human trafficking. Schema theory, or the idea that human beings create “tools for organizing knowledge gained from prior experience,” is applied to better understand law enforcement officers’ reactions, perceptions, and understanding of human trafficking. The majority of officers have extensive experience with prostitution as a crime through both investigation and actual enforcement practices. Therefore, officers oftentimes relied on understandings and techniques associated with the enforcement of prostitution laws when approaching human trafficking. While comparison allowed officers to more fully grasp and embrace human trafficking as a crime to be actively targeted and investigated, it also may negatively impact the ability of officers to create innovative and new ways to approach investigating and responding to trafficking cases. Officers may simply return to old routines they associate with prostitution, rather than respond in a way that is most appropriate for a trafficking case. It may also limit the kinds of information and evidence officers seek to collect or may cause an officer to struggle to view the individual as a “victim” rather than as a “suspect”. If it is not possible to dedicate the necessary time, resources, or education to help officers learn how to appropriately handle human trafficking cases specifically, officers will most likely rely on previously established schema as they attempt to respond to situations. As previously noted, this can provide both temporary, “short-term benefits and long-term dangers” for the enforcement of human trafficking laws at the local level.

Perceptions of Justice

Author(s): Urban Institute, Justice Policy Center
Publication year: 2018
Summary: “This brief provides the first glimpse into human trafficking survivors’ experiences with the criminal justice system and perspectives on justice. Although the field needs further research that centers survivors’ voices, our findings offer a step in that direction and point to the need to reform current criminal justice system responses to trafficking cases and develop noncriminal justice alternatives for remedying harm.”

Abstract: “Survivors of human trafficking face many challenges when interacting with the criminal justice system, including misconceptions regarding the nature of their victimization, stigma due to perceived involvement in illegal behavior, and xenophobia. Despite these documented challenges, little is known about how survivors perceive the justice system or how they would like to achieve justice with regard to their traffickers. This brief fills that gap by asking 80 survivors of human trafficking how they define justice on their own terms. Less than a quarter of respondents endorsed traditional criminal justice remedies, such as incarceration. Instead, most felt justice could be better achieved through prevention.”

Context-specific language modeling for human trafficking detection from online advertisements


Author(s): Saeideh Shahrokh Esfahani, Maziyar Baran Pouyan, Elena Eneva, Michael J. Cafarella, Gregory J. DeAngelo, Andrew E. Fano

Publication year: 2019

Summary: This paper recommends an approach using natural language processing to identify trafficking ads on websites.

Abstract: Human trafficking is a worldwide crisis. Traffickers exploit their victims by anonymously offering sexual services through online advertisements. These ads often contain clues that law enforcement can use to separate out potential trafficking cases from volunteer sex advertisements. The problem is that the sheer volume of ads is too overwhelming for manual processing. Ideally, a centralized semi-automated tool can be used to assist law enforcement agencies with this task. Here, we present an approach using natural language processing to identify trafficking ads on these websites. We propose a classifier by integrating multiple text feature sets, including the publicly available pre-trained textual language model Bi-directional Encoder Representation from transformers (BERT). In this paper, we demonstrate that a classifier using this composite feature set has significantly better performance compared to any single feature set alone.

Failing Victims? Challenges of the Police Response to Human Trafficking


Author(s): Amy Farrell, Meredith Dank, Ieke de Vries, Matthew Kafafian, Andrea Hughes, Sarah Lockwood
Summary: This study of three U.S. communities found that human trafficking victims often do not trust the police and rarely seek assistance. To improve police response, the study recommends efforts to build trust, promote victim safety, and meet the needs of victims outside of the justice system.

Abstract: The police have a duty to provide assistance to crime victims. Despite the importance of this role, scholars examining police effectiveness have historically been less attentive to the needs of victims. As the police are increasingly called on to combat sex and labor trafficking crimes, it is timely to explore how this new population of victims is served by the police. Information from a review of human trafficking investigations and in-depth interviews with police and service providers in three U.S. communities indicates that human trafficking victims often do not trust the police and rarely seek their assistance. When the police do respond, human trafficking victims seek affirmation of their experiences and safety from future harm.

**Miscellaneous Resources**

Commercial Sexual Exploitation and Sex Trafficking of Children and Adolescents: A Narrative Review

Author(s): Elizabeth Barnert, Zarah Iqbal, Janine Bruce, Arash Anoshiravani, Gauri Kolhatkar, Jordan Greenbaum
Publication year: 2017

Summary: “Although research into the prevention, identification, and response to commercially sexually exploited and sex trafficked children is increasing, there is still a large gap in the literature and further research and study is imperative.”

Abstract: The researchers delve into the literature available on the topic of commercially sexually exploited and sex trafficked children. They identify that such children have a myriad of “clinical risk factors and high rates of unmet physical and mental health needs” associated with their exploitation. Due to the various medical concerns, current literature highly recommends a trauma-informed approach, in order to provide services to the victims in a way that will not re-traumatize them. While research in this area is expanding, there are still significant gaps. Medical professionals, particularly those in the field of pediatrics, should be trained to both identify and respond to CSE and sex trafficked youth. It is in this particular area that the research is both most needed and most lacking.