YOUTH GANG PREVENTION STRATEGIES: ANALYZING INTENSIVE SUPPORT AND SUPERVISION PROGRAMS AND WRAPAROUND APPROACHES

by

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Abstract

The focus of this major paper will be to analyze intensive support and supervision programs (ISSP) and wraparound services as prevention and intervention approaches for youth involved in gangs. This will include reviewing literature and interpreting the results from a survey administered to five ISSP workers and five youth probation officers to better understand why youth join gangs, the needs of youth who are at-risk or involved in gangs, common challenges youth experience when exiting a gang, and the types of approaches used to assist youth leave a gang. This paper will also examine the formation, demographics, and the history of gangs, including those in British Columbia (BC), as well as provide an overview of Canadian laws and policies that have influenced the use of ISSP and wraparound services in recent years.

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Introduction

The phenomenon of youth gangs has been an ongoing problem that has challenged the criminal justice system, policy makers, and society for quite some time. Gangs are an issue that significantly threaten the safety of the public (Gahunia, 2017; Mussa, 2018). While typically the focus of attention in larger cities, such as Vancouver and Surrey, British Columbia (Lovgreen, 2018), they are not limited to urban areas and can be found it both large and small communities (Public Safety Canada, 2007). Youth gangs are not a new concept in Canada, as they been studied over the past 25 years (Gordon, 2000). As a result, there have been many efforts made to better understand and respond to issues related to youth gangs, including identifying demographics, risk factors, protective factors, prevention and intervention strategies, and exiting plans (Public Safety Canada, 2017).

According to the Public Safety Canada (2011), gang membership is one of the strongest predictors of future violence by youth. In fact, gang-entrenched youth are more than six times as likely to participate in deviant activities and engage in three to seven times as many violent acts, compared to youth who are not involved in gangs (Wortley & Tanner, 2006). Furthermore, the number of violent acts performed by gangs have been increasing in severity in recent years, including further use of firearms, especially by adolescent members (Summit on Gun and Gang Violence, 2018). In fact, in 2016, there were 141 gang-related homicides reported in Canada, which was 45 more than the previous year. It appears that gang violence is the most prevalent in larger Canadian cities, as gang-related homicides in such communities have doubled since 2013. Youth gang members have also been known to engage in several types of deviant acts, including property crimes, drug and weapon trafficking, robbery, prostitution, money laundering, threats, and homicide (McCuish, Bouchard, & Corrado, 2015; Brar, 2017; McConnell, 2015).

In addition to violence, gang activity can present many mental and financial burdens to community residents. According to Public Safety Canada (2011), gangs can cause residents to experience fear and intimidation in their own neighbourhoods. Moreover, gang activity can cause

repair and insurance rates to increase for home and vehicles owners, as well as decrease the value of homes when gang members commit crimes against other people's properties (Public Safety Canada, 2011). Lastly, gang activity can also increase the expenses allocated to social programs, law enforcement, judicial systems, and correctional services, which result in increased taxes (Public Safety Canada, 2011).

B.C. and Gangs

Admission into a gang is typically not a sudden process. According to Howell (2010), membership often begins through socialization with gang members around the age of 12. However, children as young as five years old have been to become involved in gang activity as well (Pyrooz & Sweeten, 2015). The membership process regularly includes prospects having to withstand severe physical attacks from gang members and being required to commit deviant acts, which may even involve murdering someone (RCMP, 2018).

In B.C., research suggests that youth gang membership demographics are fairly different compared to the rest of Canada (McCuish et al., 2015; McConnell, 2015; Brar, 2017). For instance, many B.C. youth who join gangs are from middle-class families, perform well academically, and are involved in sports (Bhatt & Tweed, 2018). This phenomenon is unlike most youth in other parts of Canada, who are typically from low-socioeconomic backgrounds, tend to struggle with school, and are uninvolved in prosocial activities (McConnell, 2015; Public Safety Canada, 2007). Furthermore, in certain cities in B.C., there appears to be an over-representation of individuals from specific ethnic backgrounds involved in gangs. For example, in Surrey, South Asians comprised of 35% of the city's population in 2016, yet accounted for 21.3% of gang-related homicides between 2006 to 2014 (Bhatt & Tweed, 2018). While not all youth involved in gangs in B.C. are from the backgrounds discussed, they do make up a significant portion of the gang population in the province (Brar, 2017).

Definitions of Youth Gang

There are many definitions of the term 'youth gang', with varying descriptions between the public, police, state, and researchers (Dunbar, 2017). According to the Royal Canadian Mounted Police (2018), a youth gang is a group of youth who assemble together to engage in deviant behaviour with the objective of obtaining power, recognition, and control. These goals are typically achieved through the use of intimidation and violence as a way to manipulate other individuals and situations (RCMP, 2018). Public Safety Canada (2007) defined a youth gang as consisting of young individuals who: identify themselves as a group, are perceived by others as a specific group, and participate in several criminal acts that result in negative responses from the public and/or the police. The Combined Forces Special Enforcement Unit of British Columbia (CFSEU-BC, 2018) described a youth gang as a group of three or more people that plan and carry out crimes for profit and are identified by common names, symbols, and colours,

While the definitions from academic sources are fairly similar to those provided by the police and government, they do provide some additional criteria. For instance, Sharp, Aldridge, and Medina (2006) believed a youth gang must meet as a group in public areas, have existed for at least three months, have committed unlawful acts together within the past year, and possess one or more organizational features (i.e. a group name, controlled territory, hierarchy, or a set of rules). Miller (1975) stated that a youth gang is a self-developed group of peers, bound together by similar goals, who follow a hierarchy system, perform acts for specific purposes which typically involve committing crimes, and controlling a specific territory, facility, or enterprise.

As there is no one single classification that is widely agreed upon, using the main commonalities from the explanations discussed may be the best way to define a gang generally for the purpose of this paper (Dunbar, 2017). Based on the definitions mentioned above, youth gangs can be described as a group of youth between the ages of 12 and 18, who share similar interests, assemble together to carry out goals,

are identifiable within a community, are fairly organized, follow a hierarchy and set of rules, and plan and execute unlawful acts for personal or group benefits.

One of the main reasons that no two exact same definitions for the term, "youth gang" exists is largely in part because no two gangs are exactly the same (Thrasher, 1927). Many gangs may have commonalities but they all differentiate in some way or another. This is particularly evident when considering Canadian gangs, due to the vast diversity of the country and even truer within the scope of British Columbia, which contains varying geographical landscapes, populations, and crime opportunities (Dunbar, 2017). As a result, gangs can differ significantly from community to community and must defined according to local climates. Developing a clear description of the term "gang" with consideration of local environments can help differentiate gangs from other types of delinquent groups under the law (Dunbar, 2017). This may allow for more successful prevention and intervention policy and program development for at-risk youth (Klein & Maxson, 2006).

Traditional Risk Factors

When it comes to identifying the reasons why youth join gangs, there a number of factors that can be considered. These elements can differ by region, population, and backgrounds of youth. Based on the literature findings, there are five major traditional factors that typically influence a young person the most. These include community, school, family, social, and individual risk factors. Youth may experience each risk factor exclusively or simultaneously. Furthermore, the more elements an individual experiences at a time, the more their likelihood of joining a gang increases (Howell & Egley, 2005).

In an analysis of several longitudinal studies from the United States, Howell and Egley (2005) discovered that the research on risk factors associated with gang involvement for youth are typically categorized into the main developmental areas of an adolescent, also known as risk factor levels, which include: community, school, family, peer, and individual. The risk factors can be used to determine the likelihood

of a young person developing antisocial tendencies and becoming involved in violent and criminal activities, including gang membership. In particular, while there are several important stages of human development that can predict delinquency, Howell and Egley (2005) found that the period of early adolescence was the most important phase in determining whether a youth would join a gang. This stage typically involves many new challenges for youth that can cause several issues if left unaddressed (Hill, Howell, Hawkins, & Battin-Pearson, 1999). Still, each risk factor level will be reviewed in the following section, as they may each provide insight into strategic areas for crime prevention activities.

Community Risk Factors

One the main areas identified are community risk factors. According to Tremblay (2003), as youth age, they become more vulnerable to the harmful influences of their surroundings. Some of the community risk factors that can predict gang involvement for young people include easy access to drugs and weapons, neighbourhoods with delinquent youth, feelings of danger and victimization in one's neighbourhood, and minimal community attachment (Hill et al., 1999). Other additional risk factors associated with one's community include high neighbourhood arrest rates, community disorganization, access to firearms, and high substance use rates (Lizotte, Krohn, Howell, Tobin, & Howard, 2000).

Neighbourhoods that experience high levels of marginalization are often unable to form the social cohesion needed to overcome many of the challenges described and often lack the resources needed to address the risk factors that influence youth from joining gangs. Furthermore, high crime rate communities also provide ample opportunities for youth to meet individuals who commit unlawful acts, increasing their likelihood of engaging in similar activities through negative peer associations (Howell & Egley, 2005).

School Risk Factors

The next key domain impacting youth engagement in gang activity are school risk factors. One of the main indicators related to school is academic achievement (Thornberry, Krohn, Lizotte, Smith, & Tobin, 2003). According to Howell and Egley (2005), students who have lower academic success,

become more likely to get involved in criminality, including gang activity. Furthermore, a lack of academic goals, weak relationships with teachers, low parental academic success, and minimal commitment to school can also increase the probability youth will join gangs (Thornberry, et al., 2003).

Howell and Egley (2005) found that youth who are labelled at school as being delinquent by school staff may also become more likely to get involved in gang activity. This highlights the relevance of labelling theory, which describes how one's identity and behaviour may be influenced by the words or labels used to classify them (Becker, 1973). Lastly, bullying victimization has also been found to attribute to gang membership, as some students join such groups for protection and access to a social group that will be accepting (Wu & Pyrooz, 2016). This was also found to be evident in the study by Barnert et al. (2015), which included interviews with incarcerated youth. Most of the subjects felt that the schools they had attended during their adolescence were dangerous and often resulted in them being victimized by bullies. This led several to join gangs, in hopes of receiving protection and a sense of safety. Respondents who joined gangs, would then typically spend less time on their academic goals and focused more on committing delinquent acts instead (Barnert et al., 2015).

Family Risk Factors

Another domain that can influence a youth's likelihood to become gang-entrenched are family risk factors (Howell & Egley, 2005). The influences family members have on young people typically begin to diminish during teenage years (Thornberry, et al., 2003). This often occurs, as youth become more independent during this stage of development and tend to be influenced more by their peers, rather than their parents. Some of the main risk factors associated with a young person's family include growing up in a broken home (separated or divorced parents), parental deviance, inadequate maternal and paternal attachment, lack of supervision, poverty, and experiencing physical or emotional abuse (Thornberry et al., 2003). Moreover, youth are also susceptible to the influences their siblings have on them. For instance, a sibling's display of antisocial or delinquent tendencies can develop into learned behaviour in other family members (Howell & Egley, 2005). When youth do not have strong positive relationships with their family

members, they may become more inclined to join a gang, in order to receive companionship and support (Barnert et al., 2015).

In connection with family-related risk factors, youth may also join gangs due to socio-economic challenges. According to the study by Barnert et al. (2015), some of the youth interviewed claimed to have joined a gang because they had experienced poverty. Many felt that the monetary incentives of gang activity would provide increased financial stability to better support themselves and their family members (Barnert et al., 2015). The socio-economic struggles that motivate individuals to engage in unlawful activities or join a gang can be described by strain theory.

The ideology was originally developed by Durkheim, while classical strain theory was introduced by Merton (1938). Strain theory focuses on how people fall victim to the pressures of society to achieve certain goals. The goals usually involve material objectives that individuals may find difficult to achieve, due to not having the means necessary to do so. The pressure experienced can result in strain and those who succumb to the stress may turn to criminal activities, in order to accomplish their desired goals (Agnew, 1992).

Within the realm of strain philosophies exists general strain theory, which was popularized by Agnew (1992) and which is considered the dominating typology of strain theory, as it encompasses more than just monetary pressures. In fact, general strain theory concentrates on many different forms of strain, such as failing to accomplish life goals, loss of assets, and undesirable encounters with individuals. Furthermore, general strain also focuses on how one's gender, ethnicity, age, or neighbourhood can influence their criminality (Agnew, 1992).

Factors that cause strain can lead individuals to feel irritated and frustrated towards society (Agnew, 1992). As emotions build over time, they can result in high levels of pressure, which may cause some to turn to deviant behaviour, in order to help "improve" their situation. Delinquency can be a method used to help a person decrease their feelings of strain by retaliating against societal bodies that may have caused strain or be used as a coping method (Agnew, 1992). For instance, youth who are unable

to find legitimate work and come from low socio-economic backgrounds, may be more inclined to join a gang, as a way to improve their financial situation, and as a result, reduce their feelings of strain. While the pressures of strain do not always cause people to commit crimes, some individuals do turn to deviant behaviour, as a way to manage their circumstances (Agnew, 1992).

Peer Risk Factors

Peer risk factors have also been found to impact a young person's likelihood to join a gang. One of the most prominent influence is a youth's bond with deviant or antisocial peers. As stated by Howell and Egley (2005), the earlier a person associates with violent or delinquent peers, the more probable they will become to engage in similar activities. In fact, youth who have relationships with gang members are significantly more likely to join one themselves. This process can be described through the differential association theory.

The concept was developed by Sutherland (1942) and suggests that people can learn the principles, behaviours, methods, justifications, and motives to commit crimes through their connections with others (Jeffery, 1965). Rather than explain why some engage in unlawful activities, differential association concentrates more on how people learn to be deviant. Through increased learned behaviours and methods of deviance over time, individuals may find it less challenging to commit illegal acts (Jeffery, 1965).

The theory outlines several principles for how differential association may transpire (Burgess & Akers, 1966). The first set of beliefs are that delinquent attitudes are learned and are achieved through communication with others. The learning typically takes place in close personal group settings. When criminality is taught, individuals typically learn how to engage in illegal activities, behaviours, and how to justify unlawful decisions, in order to continue offending in the future. Furthermore, criminal motivations are also learned through teachings of laws as advantageous or disadvantageous (Burgess & Akers, 1966). When advantageous interpretations of the law surpass those that are disadvantages, an individual will be more likely to become deviant. Differential association can alter in frequency, importance, and

concentration. In addition, the stages of learning delinquent behaviour through connections with others is similar to the learning of any other behaviour, including those that are lawful. Lastly, although deviance is a statement of basic needs and principles, it is not described by those needs and principles, as lawful behaviours are also a statement of identical needs and principles (Burgess & Akers, 1966).

Based on the principles of differential association, the theory can be used to help explain how youth become engaged in criminality, including gang-related activities. Gangs are often comprised of individuals who communicate with one another, work closely together, and spend lengthy amounts of time in a group (Dunbar, 2017). Moreover, gangs frequently engage in unlawful behaviours, which can shape and influence members to become more deviant.

Individual Risk Factors

Another domain found to contribute to youth gang engagement are individual risk factors. Howell and Egley (2005) discovered that there are typically more individual risk factors in gang-involved youth than any other type of factor. Some of the main individual elements include early antisocial and deviant behaviour, substance or alcohol usage, and those who experience high levels of stress are often much more likely to join a gang than adolescents who do not experience these factors (Thornberry et al., 2003).

Risk Factors for B.C. Youth

While there are several traditional gang-related risk factors commonly identified to influence young individuals in studies, it is important to note that B.C. youth may also be influenced by additional factors or be less susceptible to traditional elements (McConnell, 2015; Bhatt & Tweed, 2018). Research indicates that some B.C. youth who become gang-entrenched come from middle class households, experience high community and school attachment, and have strong relationships with family members (McConnell, 2015; Bhatt & Tweed, 2018; Brar, 2017). Individuals from such backgrounds are often recognized as "non-traditionally" at-risk and join gangs for different reasons than most (Brar, 2017). Some of the main risk factors that influence B.C. youth are the desire to gain a sense of power, belonging,

recognition, status, protection, companionship, excitement, and financial incentives (McConnell, 2015; Descormiers (2013). Most adolescents who become involved in gangs, have often previously used or sold drugs and engaged in violent delinquent activities (Public Safety Canada, 2011).

As mentioned, B.C. youth can be highly motivated to join a gang, in hopes of gaining recognition, status, power, and excitement (McConnell, 2015; Descormiers (2013). Gang members are often perceived as well connected, respected, and feared, while living lavish and exciting lifestyles (McConnell, 2015; Bhatt & Tweed, 2018). Gangs are often among the main social bodies within communities and present members with a number of opportunities to obtain the goals often sought out by B.C. youth.

In addition, financial incentives can also heavily influence youth to join a gang. As B.C. has a fairly large market for drugs and the process of drug trafficking requires many individuals to maintain operations, there are usually many opportunities to become involved in the selling and distribution of drugs (McCuish et al., 2015). In fact, B.C. is one of the greatest producers of marijuana globally, earning approximately \$4 billion yearly (Plecas, Diplock, & Garis, 2013). Furthermore, the province earns an estimated total of \$7 billion annually for all drug businesses (Pearce, 2009). Since much of the drug-related profits in B.C. are made by gangs, it is evident that there is a high demand for both youth and adults to get involved in the market (McConnell, 2015).

Risk Factors for Youth from Immigrant Families

When it comes to identifying the reasons why youth join gangs, there a number of risk factors that can be considered. These elements can differ by region, population, and backgrounds of youth. As Canada is a country with a fairly diverse population, it is important to also examine how youth from foreign backgrounds may experience gang-related risk factors as well (Rossiter & Rossiter, 2009).

In a study by Ngo, Calhoun, Worthington, Pyrch, and Este (2015), the risk factors leading to gang involvement for youth from immigrant families were analyzed. The research involved studying the experiences of 30 individuals who were gang-entrenched. Based on their findings, Ngo et al. (2015) discovered that youth from immigrant families, not only experience the same conventional risk factors as

youth who are not from immigrant families, such as poverty, low academic success, minimal supervision, lack of positive relationships with others, peer delinquency, community disengagement, and employment challenges, they may also experience a number of additional risks factors as well (Ngo et al., 2015).

Trauma

One of the major risk factors for foreign-born youth identified included early exposure to violence (Ngo et al., 2015; Bersani, 2014). Many of the respondents had directly or indirectly experienced traumatic events such as war or other forms of conflict. At times, this type of exposure can cause a sense of normalization and learned behaviour when observed repeatedly (Bersani, 2014). As a result, many of the respondents believed that when they became gang-entrenched, the activities carried out by members were not viewed as shocking, as many of the individuals had already been exposed to similar or more extreme acts (Ngo et al., 2015). Respondents who were born in Canada or other safer countries were also exposed to the impacts of war or conflict through the posttraumatic behaviours exhibited by their relatives. This often led many of their family members to become more verbally and physically abusive in their households and resulted in the divorce of several of the participant's parents, which caused even more disruption in their young lives. Moreover, a number of the subjects attributed the abuse between their parents to excessive drug and alcohol use as coping methods, which also caused further neglect, violence, and distance from their parents (Ngo et al., 2015).

These experiences often led subjects to idolize the criminal behaviours they were exposed to at early ages of their lives (Ngo et al., 2015). As a result, when many of the respondents were teenagers, they were more interested in delinquent activities, rather than pro-social outlets. This led many to turn to deviant social groups, including gangs, as a means to carry out their desire for violence, substance use, and other criminal endeavors (Ngo et al., 2015).

Disintegration of Family Relationships

Another common risk factor many of the respondents experienced was the disintegration of family relationships. According to Ngo et al. (2015), the majority of the participants had been raised in dysfunctional households. Many of the participants credited their strained relationships with their parents to the challenges faced when acclimating to Canadian culture. The parents from foreign countries often displayed expectations and roles that significantly differed from Canadian values. These experiences often caused respondents to feel irritated and pushed many away from their families and into other social groups to fulfill their voids, often in the form of gangs (Ngo et al., 2015). Rossiter and Rossiter (2009) also found that youth from immigrant families often experienced disintegration in the relationships with their family members.

Respondents claimed that their parents typically practiced uninvolved, permissive, or authoritarian child rearing techniques (Ngo et al., 2015). Many of the participants claimed to have come from single-parent households, large families with multiple siblings, and had parents who had been required to work extended hours at their jobs, in order to afford basic necessitates. This caused many of the respondents to experience a lack of guidance during difficult developmental and social obstacles during ages of adolescence (Ngo et al., 2015).

When it came to maternal and paternal involvement, participants discussed a significant difference between the two (Ngo et al., 2015). For instance, several of the respondents claimed that they did not have their father around growing up. As a result, many felt their transition into young adult males were impacted, as they were unaware of some key societal expectations for how they should behave. Those who were raised with their fathers, however, often experienced extreme authoritarian child rearing techniques (Ngo et al., 2015). Many recollected firm rules that did not allow them to participate in traditional adolescent experiences and a constant overbearing need for perfection in the home. This often led participants to feel resentment towards their fathers and constant pressure and stress to live up to

unrealistic expectations. In addition, many of the respondents also experienced minimal affection from their fathers and felt their relationships were often distant (Ngo et al., 2015).

On the other hand, most participants who grew up with their mothers experienced permissive parenting methods (Ngo et al., 2015). While rules were set at times, they were almost never enforced. This caused difficulties for respondents in understanding ramifications for their actions outside of their households. Furthermore, expectations for adequate behaviour were seldom communicated to their children. According to Ngo et al. (2015), these experiences often caused respondents to have higher levels of freedom and a sense of immunity from consequences, as they were rarely held accountable for their negative behaviour.

Protective Factors

While some youth do experience the risk factors previously discussed, not all of them participate in criminal activities. One of the reasons that can help explain why this is true for many is the concept of protective factors. According to Farrington, Ttofi, and Piquero (2016), a protective factor may decrease the likelihood of an individual engaging in delinquent behaviour and can diminish the impact risk factors have on them. Similar to risk factors, protective elements are typically found in the main areas of a young person's life, including family, community, school, peer, and individual domains (Dunbar, 2017).

Although studying protective factors can be just as important to understanding why youth join gangs, there has been significantly less research conducted on the topic in comparison to risk factors. One explanation provided by Dunbar (2017) for why this may be the case is due to the confusion within the criminal justice system and academic field in defining protective factors. There is some uncertainty related to what the term encompasses. In addition, there is some doubt as to whether a protective factor in one context can also be a risk factor in another. An example shared by Stoddard et al. (2013) involved how a strong relationship between a youth and their parent could be perceived as a protective factor;

however, it could also be classified as a risk factor if the mother or father is involved in gang activities. While there is less research on the impacts of protective factors on the prevention of criminal behaviour available, there are some studies that indicate the importance of such elements (Dunbar, 2017).

Knowledge of both risk and protective factors can lead to a better understanding of gang involvement among young people and provide effective solutions to address some of the challenges impacting this population group (Peterson & Morgan, 2014). In a study by Gilman, Hill, Hawkins, Howell, and Kosterman (2014), which tested factors impacting youth behaviours, it was discovered that when a person strengthened the protective elements in their life, their probability of joining a gang decreased significantly. McDaniel (2012) also echoed this conclusion in his study, which found that an increase in protective factors in youth resulted in a lower likelihood of them engaging in gang activities.

In the study by Barnert et al. (2015), incarcerated youth who were interviewed shared their perspectives on protective factors that they believed could have decreased their likelihood of engaging in delinquent behaviours and prevented some from joining a gang. The majority of respondents felt that a stable household was the most important protective factor for at-risk youth. However, this was not the reality for many of the study participants, as most had lived in homes with high levels of hostility, divorced parents, poverty, and had weak relationships with their families. When asked to describe their ideal home environments, numerous respondents shared their desire for a safe and nurturing household, stronger relationships with their families, and more warmth, supervision, guidance, and support from their parents (Barnert et al., 2015). In relation to school, participants believed that the schools they had previously attended were not always ideal for success. When asked to share their thoughts on how to improve school settings, many felt schools required increased safety measures to protect students, more vocational skills training, and afterschool services focused on homework and recreation. The addition of extra afterschool programs could increase academic success in many students and help keep them busier with pro-social activities, thus giving them less time to get involved in delinquency (Barnert et al., 2015). Furthermore, some respondents believed that teachers must avoid negatively labelling students and

constantly support them, regardless of their past or current behaviour. This was especially important for youth who did not have positive relationships with their families and peers. Lastly, respondents also shared protective factors linked to communities (Barnert et al., 2015). Many believed that living in a quiet community, with warm and friendly neighbours, low crime rates, and cohesiveness could have prevented them from engaging in crime. In addition, easy access to pro-social amenities in the community was also very important to several participants, as they felt that such services would have helped them stay off the streets more (Barnert et al., 2015).

Dunbar (2017) developed a list of protective factors in relation to the five main domains of social development that could help prevent gang involvement among youth. The first area was family protective factors, which included strong relationships with family members, family cohesiveness, high level of parental involvement, intensive supervision, emotionally supportive child rearing practices, and a sense of belonging. School-related protective factors consisted of academic success, educational goals, feeling accomplished, strong school obligation, positive bonds with school staff, and a respect for learning. Peer-related protective factors comprised of associations with pro-social peers, participating in pro-social activities, positive peer groups, peer support, and mentorship. Community protective factors included social cohesion and trust among neighbours and residing in an area with low crime rates and low levels of poverty. Lastly, individual factors involved moderate or high levels of intelligence, strong social skills, positive coping strategies, strong judgement skills, resilient personality, confidence, and positive values and views (Dunbar, 2017).

Government Efforts

Using knowledge about risk and protective factors for gang involvement, over the past two decades, the Canadian government has attempted to address the issues of young offending and youth gang involvement. Although not directly targeting youth gang members, one of the most significant measures

taken was the implementation of the *Youth Criminal Justice Act* (YCJA), introduced in 2003 as a replacement for the *Young Offenders Act* (YOA). A key goal of the YCJA was to reduce the over-use of custody through the increased use of police and court diversion methods, especially in instances of first time offending and cases where more minor crimes were committed (Department of Justice, 2017). Instead, the YCJA emphasized the use of restoration, prevention, and intervention (Department of Justice, 2017). Notably, the YCJA also reserved custody for more serious and persistent offenders, and emphasized the need for rehabilitation, at times through intensive supportive programming (Department of Justice, 2017). Since the introduction of the YCJA (2003), charge and conviction rates for youth have declined significantly (Doob & Sprott, 2005). As a result, youth incarceration numbers have dropped by almost 50% (Department of Justice, 2017). Through the YCJA (2003), many promising programs have been developed to better support at-risk youth. Included in the various services are the ISSP and wraparound programs, which have become popular approaches aimed at addressing offending and gang involvement among youth (Department of Justice, 2017; Public Safety Canada, 2012).

Intensive Support and Supervision

One of the youth justice services developed in Canada following the implementation of the YCJA (2003) was intensive support and supervision programs (ISSP). One of the first times ISSP was made fully available in Canada was in 2006. Program participation is court-mandated as a sentencing option to youth on probation. ISSP is provided to clients who require closer supervision and additional support in the community than a regular probation order, as a method to help them change their behaviour (Public Safety Canada, 2007).

ISSP has been a model used in other countries including the United States for quite some time; however, it is still a relatively new program in Canada and as a result, there has not been much research produced on the service (Weinrath, Doerksen, & Watts, 2015). One of the main goals of ISSP is to provide rehabilitative support to youth, as an alternative to custody (Mayor's Task Force on Gang

Violence Prevention, 2018). ISSP aims to work in partnership with youth probation officers and supplements the case management and monitoring provided to clients. In addition, the program aims to significantly reduce recidivism rates among young offenders and improve community reintegration (PLEA Community Services, 2019). Most programs in BC offer services to youth between the ages 13-17 and follow a one-to-one mentorship model, where the ISSP worker and client work closely together in the community. Some of the areas ISSP assists clients with include school, employment, recreation, family support, substance abuse, restorative justice, counselling, and mentorship, all the while helping them comply with judge-appointed conditions. ISSP staff often work closely with many community partners, in order to best support youth and connect them to helpful resources (Mayor's Task Force on Gang Violence Prevention, 2018).

In 2016/2017, there were 2,040 guilty sentences under the YCJA in all of Canada (Statistics Canada, 2019). In total, there were 683 (33%) sentences that led to probation, 345 (17%) that resulted in custody, and 21 (1%) that led to ISSP. In BC, there were 198 guilty cases under the YCJA in the same year. In total, 67 (34%) led to probation, 59 resulted in custody (30%), and 14 led to ISSP (7%). Since 2012/2013, there have been 158 guilty sentences under the YCJA resulting in ISSP in Canada. Out of all the provinces, BC had the highest number of ISSP orders administered with 126 in the same time frame (Statistics Canada, 2019). Furthermore, Newfoundland, Prince Edward Island, Nova Scotia, New Brunswick, Manitoba, Saskatchewan, Yukon, Nunavut, and Northwest Territories had a total of zero ISSP orders administered. In regards to other provinces, Quebec had administered 23, Ontario administered seven, and Alberta administered two ISSP orders since 2012/2013. In 2016/17, there were 14 male youth and eight female youth who received an ISSP order in Canada (Statistics Canada, 2019). Furthermore, there were 13 orders provided to youth between ages 16 to 17, while there were only eight offered to individuals between 12 and 15 years old. Lastly, there were eight ISSP orders provided to youth who were guilty of a single offense and 13 to those with multiple guilty offenses (Statistics Canada, 2019).

Based on these findings, it is evident that ISSP is most popularly used in BC. Additionally, ISSP does not appear to be utilized as a sentencing option much in other provinces or territories in Canada. ISSP is also accessed the most by teens older in age, males, and those found guilty of multiple offences (Statistics Canada, 2019).

The following section will discuss some of the main ISSP programs in Canada in detail. While ISSP is most popular in B.C., other provinces, such as Alberta Nova Scotia, and Quebec also appear to have well-developed ISSP services as well.

Review of ISSP in Canada

Nova Scotia

In Nova Scotia, ISSP is made available through a network of probation officers who offer a more focused approach to monitoring and supporting youth under community supervision compared to traditional probation orders (Nova Scotia, 2007). ISSP in Nova Scotia is delivered by probation officers, as opposed to a separate ISSP worker. This is mainly due to the low caseloads for probation officers in Nova Scotia, allowing them to become more involved in assisting clients. Aside from monitoring, probation officers are also responsible for assisting parents, working with schools, community partners, in order to ensure that youth offenders receive multi-faceted care that effectively supports them in altering their behaviour. While ISSP can be made available to all youth offenders, the program emphasizes participation the most for serious and repeat offenders (Nova Scotia, 2007).

Alberta

In the city of Calgary, a specialized service is provided to youth offenders called the Intensive Support and Supervision Order (ISSO). The service is a sentencing alternative for repeat or serious offenders (Calgary, 2018). Discretion is used by the courts to determine if the youth would benefit more from a community-focused option rather than custody. Those under an ISSO typically have convoluted cases and are monitored and supported at a greater level than those on a traditional probation order

(Calgary, 2018). The program attempts to address many of the risk factors impacting a young individual's criminal behaviour, with a high emphasis on supporting mental health conditions, educational challenges, and employment goals. Furthermore, ISSO attempts to ensure clients receive an additional level of positive community interaction, in order to help them become more successful in meeting their conditions outlined in their court orders in an effective and timely manner. ISSO is delivered by youth workers, who report to probation officers and work with many community partners to provide multifaceted support to clients (Calgary, 2018).

B.C.

ISSP models in B.C. often follow a strengths-based approach, which concentrate on the strengths of a young person, employing support to promote resiliency and empowerment (PLEA Community Services, 2019). Through discussions between ISSP workers, probation officers, youth, their family members, and possible third parties, services are developed in consideration to a client's specific goals and needs. These typically include securing safe and affordable accommodation, searching for employment, improving mental and physical health, building positive relationships with others, educational support, taking part in pro-social activities, addressing substance related challenges, developing life skills, mentorship and participating in cultural events (PLEA Community Services, 2019). Many of the clients that access ISSP services are often involved in or at-risk of being involved in gang activity (Mayor's Task Force on Gang Violence Prevention, 2018). As a result, ISSP attempts to address preventive and protective factors and help avert youth from joining gangs or assist them exit them by working in partnership with local organizations, such as the RCMP and the CFSEU-BC. Based on literature reviews, it appears that there are no specific ISSP service evaluations based on B.C. programs. PLEA Program Evaluation

In a study by McCreary Centre Society (2012), an independent evaluation was conducted on several justice-related programs offered by PLEA Community Services. The evaluation examined programs between July, 2008 and January, 2012 and focused on risk and protective factors for youth. The

main objective of the study was to measure how effective all of the justice-related programs were at improving the client's behaviours, social integration, and emotional capabilities (McCreary Centre Society, 2012). While ISSP is one of the justice-related services provided by PLEA, the evaluation grouped all of the justice-related programs together for the purpose of the study, which included five other services.

The evaluation involved youth completing self-report surveys during program intake (261 participants), upon discharge (128 participants), and six months after discharge (105 participants). In addition, program staff were also interviewed and asked to share their thoughts related to the services delivered. During the surveys provided at intake, most of the youth participants indicated experiencing high rates of delinquent behaviour, unstable living environments, mental health conditions, and substance use (McCreary Centre Society, 2012).

According to McCreary Centre Society (2012), the majority of the program participants involved in the study were males. The age range for participants was between 12 and 19 and the average was 16.5 years old. Furthermore, most of subjects were of European or Aboriginal backgrounds, while there was the least number present from South Asian and African backgrounds (McCreary Centre Society, 2012).

Based on the findings, there were significant differences in the lives of youth between the time of intake, discharge, and post-discharge. The results from the evaluation were compared to findings from the 2008 BC Adolescent Health Survey (AHS), which examined youth from mainstream schools in the province. According to McCreary Centre Society (2012), 64% of PLEA participants reported living in government care at the time of intake, compared to only three percent for youth in the AHS study. Moreover, most of the PLEA participants claimed to have lived in unstable environments, such as shelters, on the street, or couch surfing at one time or another. During intake, 65% of PLEA participants reported to have relocated at least once in the last six months, while 20% claimed to have relocated on five or more separate occasions. This number differed significantly to those in the AHS study, which indicated that only 28% of youth had moved in the last 12 months. While, housing stability improved

between the time of intake to discharge for clients involved in the residential services at PLEA, those who were not, did not experience any improvements.

The study also examined the impact programs had on unlawful and aggressive behaviours using the Self-Reported Delinquency Scale (McCreary Centre Society, 2012). During intake, respondents reported participating in aggressive and deviant behaviours at frequent rates. For instance, over 50% of respondents claimed to had been involved in physical altercations or threated someone, 40% had attempted to steal, 25% had sold hard drugs, and over 25% had been engaged in gang activity. However, after just six months of participation in PLEA programming, the rates of violent and delinquent behaviour of respondents decreased substantially. One of the most notable drops involved the rate of gang activity decreasing from 26% to 10%. In addition, the rates of arrests, charges, and custody detainment all dropped as well (McCreary Centre Society, 2012). Furthermore, when asked about the effectiveness of PLEA programming in helping alter criminal behaviour, 78% of respondents indicated that the support received helped 'very much' or 'quite a bit.'

Another major area examined in the study included school attendance (McCreary Centre Society, 2012). During the time of intake, approximately 59% of respondents reported to had been attending some form of school regularly. This rate was divided into 12% for mainstream schools and 47% for alternative schools. However, after just months of participation in PLEA services, 80% of respondents reported attending some type of school. This increase was evident in both male and female respondents (McCreary Centre Society, 2012).

After reviewing the results from the evaluation conducted by McCreary Centre Society (2012), it appears that the justice-related programs at PLEA were fairly effective at helping improve the lives of their clients. While the study did not indicate the rates for specific programs, it seems that all of the services were beneficial for youth, including ISSP (McCreary Centre Society, 2012).

Montréal ISSP Evaluation

In a study by Public Safety Canada (2017), the Montréal Intensive Supervision Program-Street Gangs was examined to determine the effectiveness of the service when applied to clients involved in gangs. While it appears most other ISSP services in Canada focused more on youth, this program included youth and adults participants. The program was made available from 2009 to 2014 and a total of 142 offenders had participated during the five-year span. Altogether, there were 138 males and four female offenders that accessed the service, ranging between the ages of 15 to 25. All of the participants had been involved in street gangs and were at a high risk to reoffend or were perceived to be at-risk of joining a street gang. The goal of the service was to provide treatment options to clients between different community agencies and through the continuous sharing of information with different stakeholders. The main features of the program included increased supervision, support, and referrals for clients (Public Safety Canada, 2017).

Public Safety Canada (2017) conducted an evaluation on the program, in order to determine the effectiveness of the service on altering client's criminal behaviours, community reintegration, and addressing risk factors. The study design included an analysis of data collected from an experimental group comprised of 33 program participants and a control group of 45 subjects, consisting of at-risk youth from several youth centres in Montréal and surrounding areas. Information was collected through case files, surveys results, and numerous tests, which assessed gang involvement, criminal risk factors, violence, and recidivism (Public Safety Canada, 2017).

As a method to measure implementation reliability, the objectives recognized in the treatment plans were linked to the risks and needs of the clients (Public Safety Canada, 2017). Approximately 30% of the high-risk domains matched with exact objectives in the treatment plans. This may have been due to the challenges related to interpreting risks and needs assessments into personalized strategies for youth. Based on the data shared by stakeholders, many found it challenging to engage clients in programming, at times. Moreover, while most stakeholders were aware of program goals and methods, they were not always willing to administer certain types of treatment (Public Safety Canada, 2017).

In general, it was found that the general risks and needs of clients did not alter much after participation in the program (Public Safety Canada, 2017). There were however, indications for increased support needs for positive relationships with others, especially with peers. It was also identified that there was less need for school and work support required by the experimental group. Overall, evaluators believed that in order for the program to be successful, more focus should be made towards recreation, substance abuse, positive relationship building, employment, and education goals (Public Safety Canada, 2017).

In relation to reoffending, the results indicated that those in the experimental group were reconvicted at a higher rate (25.7%), than those in the control group (15%). There was however, no substantial variation in the seriousness of the crimes that led to convictions between the two groups (Public Safety Canada, 2017). While the difference in reconviction rates suggests that the program may have been unsuccessful at supporting individuals and altering their criminal behaviours, it is important to note a few possible causes for the differences in rates. For instance, those in the experimental groups often had a greater history of deviant behaviours and typically experienced more risk factors than those in the control group, which may have helped explain why they were more likely to be reconvicted (Public Safety Canada, 2017). In addition, surveillance from the criminal justice system was most likely heightened on individuals in the experimental group, as they were more known to be serious or chronic offenders. As a result, their may have been more focus placed on them in the community by the public, law enforcement, and the courts, thus resulting in more instances of reconvictions (Public Safety Canada, 2017).

Based on these findings, it is difficult to determine whether the Montréal Intensive Supervision Program-Street Gangs was able to successfully support young offenders (Public Safety Canada, 2017). The differences in rates between the control and experimental groups were not significantly different. Moreover, it is difficult to determine if the rates of reconviction were simply higher for the experimental group due to the reasons mentioned above or if they were actually more likely to commit new crimes

compared to the control group. Although stakeholders did find it challenging to engage some clients in the program, it was also found that not all stakeholders were willing to deliver certain treatment services to individuals. As the study did not indicate why some stakeholders were reluctant to deliver services or why program participants were unmotivated, at times, it is difficult to conclude whether the program was effective or not (Public Safety Canada, 2017).

Wraparound

Another popular program aimed at assisting at-risk youth and those already engaged in gang activity is the wraparound approach, which is described as an evidence-based method focused on preventing crime (Public Safety, 2012). The program offers tailored services that address a young person's specific goals and needs. Wraparound often utilizes a support team to work in partnership with clients to develop successful methods to best support them. The program addresses many of the risk factors previously discussed that increase the likelihood of youth joining gangs.

One of the main wraparound services offered in BC is the Surrey Wrap (Public Safety, 2012). This program administers support to youth through collaboration between the Surrey RCMP and School Board. The main objective is to prevent youth from being involved in gang activities through the use of a wraparound approach. Youth who are at-risk of joining a gang and those already gang-entrenched are the main targets of the program (Public Safety, 2012).

The service utilizes an "ideology of care" method focused on the following values: voice and choice, team work, natural supports, multi-organization partnerships, community, culturally competent resources, determination, and empowerment (Public Safety, 2012). During intake, staff often help a client develop their wraparound team, which may consist of teachers, family members, mentors, etc. The program allows youth to become the main focus of their own planning, with the supplementary assistance of staff and a wraparound team in place to help them accomplish their goals (Public Safety, 2012).

Wraparound Milwaukee

One of the main wraparound services in North America is Wraparound Milwaukee. The program was developed in 1994 and has supported over 11,000 youth since its implementation (Wraparound Milwaukee, 2016). Service is aimed at assisting at-risk youth and young adults who experience emotional, behavioural, and mental health needs. The program offers a personalized, flexible, and strength-based approach that supports clients and their family members. The service is organized through a team of formal (professional) and informal (client and their family) groups that develop and administer a diverse range of services intended to safely and cohesively aid the client within the community. Some of the main issues addressed by the program include academic success, aggressive behaviour, violent tendencies, bullying, household-related problems, mental and physical health conditions, and community connection (Wraparound Milwaukee, 2016).

Wraparound Milwaukee is administered by the county's behavioural health division, which partners with more than 100 other organizations in the community (Wraparound Milwaukee, 2016). The main philosophy of the model is to accurately identify the community services a family requires and offer them. Youth may be referred to this program by probation officers or social workers. The average client age is 14 years old and ethnic diversity includes multiple backgrounds (Wraparound Milwaukee, 2016).

Since its development, Wraparound Milwaukee has accomplished many milestones. In 2005 alone, the program offered mental health support to over 1000 families (Wraparound Milwaukee, 2005). Furthermore, youth also improved clinically and were more successful at home, school, and in the community based on US evaluation standards. In fact, school attendance increases by approximately 10% in the first year of program participation for students, while family satisfactory rates also improved for the majority of clients even one month in to service enrolment. Clients also re-offended at a lower rate during and after program participation, thus improving public safety (Wraparound Milwaukee, 2005)

Aside from the benefits already mentioned, Wraparound Milwaukee is also a more cost-effective alternative compared to many other services (Wraparound Milwaukee, 2008). For example, the

wraparound program cost approximately \$4,000 to for each client to participate in 2008. This was significantly lower compared to group homes (\$6,000), corrections (\$8,000), and psychiatric inpatient hospitals (\$40,000).

Surrey Wraparound

One of the main wrap services in B.C. is the Surrey Wraparound. The program was developed in response to Surrey's high crime rate with the aim of increasing public safety in the community by preventing gang involvement and delinquency in youth populations (Public Safety Canada, 2012). Surrey Wraparound is a school based service and is delivered in collaboration through the Surrey School Board and Surrey RCMP. Program participants include youth who are at-risk of joining a gang and those already in one (Public Safety Canada, 2012).

Similar to other wrap projects, Surrey's follows a "philosophy of care" approach, which involves: voice and choice, partnerships, community and cultural engagement, strength-based, and team-focused support customized for each individual (Public Safety Canada, 2012). Once a client begins program participation, a facilitator will help them develop a wraparound team, which will be used to cooperatively design a care plan. The care plan typically focuses on pro-social, family strengthening, health, or educational goals (Mayor's Task Force on Gang Violence Prevention, 2018). Youth can be referred to the program by many different agencies, however, most are referred from schools or local police. The referral application obtains information on five main areas, including family, school, community, peer, and individual risks factors, which allows program administrators to better understand some of the possible challenges impacting the youth in question (Mayor's Task Force on Gang Violence Prevention, 2018).

Once an application is received, the data provided is evaluated to better understand some of the challenges and risk factors affecting the youth (Public Safety Canada, 2012). In total, three forms of assessment are conducted. The first one determines the level of service required for the youth by examining traditional risk factors. The second assessment measures non-traditional risk factors, such as whether the applicant is the first-born or only son in their family, whether their family owns a business,

and the ethnic make-up of their peer groups. Lastly, the third assessment used aims to determine the level of gang involvement of the youth. Furthermore, academic achievement, offense history, and class attendance records are gathered from school and police records to enhance assessments (Public Safety Canada, 2012).

Surrey Wraparound targets individuals between the ages of 13 and 18 who are at risk of engaging in gang activity or who are already involved (Mayor's Task Force on Gang Violence Prevention, 2018). One of the other main requirements to be eligible to receive support is that youth must be enrolled in the Surrey School District. As Surrey is a fairly diverse city containing individuals from a variety of different backgrounds, the program targets youth who experience both traditional and non-traditional risk factors. According to Public Safety Canada (2012), adolescents from the traditional risk factor group typically experience poverty, drug use, or troubled home environments, while those from the non-traditional risk factor group are mostly from middle class, South Asian backgrounds.

Between 2009 and 2011, the Surrey Wraparound served 132 youth. The average age of participants was 14 years old. Furthermore, approximately 84% of all youth were male and 60% were of visible minority (Public Safety Canada, 2012). Based on the assessments conducted, almost all of the clients involved in the Surrey Wraparound were identified as being moderate or high-risk, with most suffering from family, educational, substance, and employment related challenges.

According to Public Safety Canada (2012), it takes up to six months of service on average for adolescents to experience noticeable improvements in the main areas of their lives. Once a client has been identified to be more self-sustaining, their level of service may decrease, in order to allow the administrators to focus more on other at-risk youth.

In 2012, Public Safety Canada conducted an evaluation on the Surrey Wraparound using data from 2009 to 2011, in order to determine the effectiveness of the program. The study used an experimental group, consisting of program participants and compared them to a control group comprised of youth who were on the waitlist to join the program (Public Safety Canada, 2012). Individuals from the two groups

were matched based on their gender, ethnicity, age, and negative police contacts. Some of the methods used included examining police and school records, questionnaires, and interviews with school staff, law enforcement, program managers, and service administrators (Public Safety Canada, 2012).

Based on the findings from the study, it was determined that the program was able to effectively serve its selected population. In fact, approximately 95% of clients were found to be moderate or high risk, while 53% were gang-entrenched (Public Safety Canada, 2012). Furthermore, it was estimated that there was a decrease of 67% in negative police encounters in the experimental group, while negative police contact in the control group almost doubled in the same time frame. In relation to gang prevention, the program was found to have stopped the creation of at least one gang and substantially increased intelligence linked to gang activities on and off school property. The study results did not indicate that school attendance was increased by program participants. Interestingly, those who did attend more, were actually found to have done so in order to participate in gang activities or to spend time with gang-affiliated youth (Public Safety Canada, 2012).

A cost analysis was also conducted on the program (Public Safety Canada, 2012). It was calculated that the average price for each client to receive service was approximately \$9,000. This figure was found to be much less expensive than the typical costs allocated to having youth in care or in custody. In fact, the average cost of incarceration in Canada is over \$70,000 annually per youth (Office of Parliamentary Budget Officer, 2018).

Based on the study findings, it appears that the Surrey Wraparound is a successful service, as it is able to effectively achieve many of its intended goals (Public Safety Canada, 2012). Moreover, the program is also cost-effective, especially in comparison to other alternatives that program clients may have experienced otherwise, such as prison. In addition to costs, when fewer youth are incarcerated, the entire justice system benefits, as less time and resources are allocated to law enforcement, trials, prosecutions, and imprisonment (Public Safety Canada, 2012).

While the Surrey Wraparound does have several benefits, there are some apparent limitations to the program as well. For instance, those who are not enrolled in the Surrey School District may not be eligible for participation (Public Safety Canada, 2012). This restricts a significant portion of the at-risk youth population, as those in need of support may not always be enrolled in school. Another limitation of the Surrey Wraparound is that the program does not have an impact on class attendance or tardiness for participants. According to Public Safety Canada (2012), students who did improve their attendance, did so, in order to meet with gang-affiliated peers or to engage in gang activities themselves on most occasions.

Current Study

Given the relative lack of data on the effectiveness of programs like ISSP and Wraparound on gang involved youth, the current study sought to gather feedback from service providers regarding their perceptions of how these programs can serve youth at risk for or already involved in gangs.

Methodology

This study followed a qualitative approach and aimed to analyze ISSP and wraparound services as prevention and intervention approaches for youth involved in gangs. This section summarizes the methodology used in the study, including the participants, ethics, and data collection process.

Participants

A total of 10 participants were surveyed in this study. While the sample was small, it is important to note that the participants were selected due to their experience and knowledge with one or both of the programs of focus. The participants included: (a) five ISSP workers from PLEA Community Services, who had direct experience providing ISSP services to clients in Surrey and Vancouver, BC; and (b) five youth probation officers from the Ministry of Children and Family Development (MCFD) Surrey, BC office, who had experience referring clients to both ISSP and wraparound services.

The criteria required for individuals to participate in this study, included current experience delivering or referring clients to one or both of the programs of focus. As ISSP is court-mandated, only youth probation officers are able to refer youth to ISSP services. As a result, only those who were ISSP workers, wraparound staff, or youth probation officers could participate in the surveys. Individuals who did not have current experience delivering services or referring clients to ISSP or wraparound programs were excluded from participation in this study, as they would not have the knowledge or experience to answer the survey questions.

Recruitment

In order to recruit youth probation officers, the author reached out to management at the Surrey MCFD office by email, along with a call for participation letter, highlighting the purpose, methodology, risk, and benefits of the study. The email and letter were forwarded by management to youth probation officers asking those who were interested to contact the author. The number of youth probation officers emailed about the study is unknown to the author, as this information was not shared.

In order to recruit ISSP workers, the author reached out to management of the youth justice programming at PLEA Community Services by email, along with the call for participation letter. The author's email was forwarded to the policy and performance office and was requested to complete the PLEA research policy form. Once completed, the author sent the form back to the policy and performance office. After the form was reviewed and accepted, the policy and performance office distributed the

author's call for participation letter out to ISSP workers at PLEA Community Services. Those who were interested in participating in the study, were asked to contact the author by email. The number of ISSP workers emailed about the study is unknown to the author, as this information was not shared.

Ethics Approval

Before the data gathering process occurred, the author applied for and received ethics approval for the study from the Research Ethics Board at the University of the Fraser Valley. The author was provided a Certificate of Human Research Ethics Board Approval. The study was labelled low risk by the Research Ethics Board and did not pose any major physical, social, or psychological harm towards participants.

One of potential ethical risks identified, included psychological consideration related to feelings of discomfort, in regards to certain survey questions. The author attempted to reduce this possibility by notifying participants that they could skip any of questions or could stop the survey process at any point. Subjects were also notified that they could freely withdraw from the study without consequences prior to the stated deadline date.

Informed Consent

The author ensured that all of the participants understood the purpose, methodology, roles, risks, benefits, and confidentiality involved in the research project by providing participants a copy of the informed-consent form, which described each section in detail. The informed-consent form also explained that participants could freely withdraw from the study at any point prior to the stated deadline of March 15, 2019. Subjects were unable to participate in the study until they carefully reviewed and signed the informed-consent form. Once completed, the participants provided the signed informed-consent form back to the author.

Confidentiality

As the sample of participants involved in the study was fairly small in size, the risk of identifying participants based on their survey answers was recognized. In order to ensure the identity of the subjects were anonymous, the author assigned a pseudonym to each participant. In addition, all of the data

collected from the surveys was safely stored on a password protected computer system and an encrypted drive that was locked away in the author's office when not used. The precautions taken in the study were described in the informed-consent forms provided to all of the subjects prior to their participation in the surveys.

Survey Process

After receiving the completed informed-consent forms, the author provided participants with a link to the online survey by email. The participants were notified that the survey would take approximately 30 minutes to complete and were provided instructions related to the survey. The participants were informed that they could complete the survey at a time most convenient for them and from a location of their choosing.

The participants were notified that the results collected from the surveys could be retained and developed in to an anonymized aggregated dataset to allow for possible future publications or presentations. This process was described in the informed-consent form. The participants were also notified that they if they had any questions or concerns related to the study, they could contact the author, their supervisor, or the ethics officer from the UFV Human Research Ethics Board. This information, including the contact details, was provided in the informed-consent forms. Once all of the surveys were completed, the author analyzed the results to identify any patterns and themes in the data.

Data Collection and Analysis

Data was collected between January and March 2019. The author used an online site to create and administer surveys for participants. Each participant was provided an informed-consent form that they were asked to review and sign. Once completed, participants provided the signed consent form back to the author. The author then provided the participant with a direct link to the online survey.

The author created two surveys for each group of participants, which included ISSP workers and youth probation officers. While both surveys had similar questions and themes, the differed slightly, in order to focus more on the perspectives of each group. In addition, the ISSP survey did not include

questions related to wraparound approaches, as they may have been unfamiliar with such services. The youth probation officer survey included questions related to both ISSP and wraparound, as youth probation officers typically refer clients to each service.

The author informed participants prior to the start of the survey, that they could skip any question that was inapplicable to them or caused discomfort. The author ensured each participant remained anonymous by assigning a pseudonym to each individual. ISSP workers were provided pseudonyms beginning with the letter A, while youth probation officers were provided pseudonyms beginning with the letter B. The author surveyed five ISSP workers, who had experience delivering ISSP services to clients and five youth probation officers, who had experience referring clients to ISSP and wraparound services. After all of the surveys were completed, the author extracted the results from the online site for analysis.

Table 1: Participant Profiles

Alias	Position
Alex	ISSP Worker
Anna	ISSP Worker
Aaron	ISSP Worker
Abby	ISSP Worker
Adam	ISSP Worker
Ben	Youth Probation Officer
Brooke	Youth Probation Officer
Bill	Youth Probation Officer
Brenda	Youth Probation Officer
Bryan	Youth Probation Officer

Coding

The author coded the surveys by analyzing the results from each participant and grouping the data into patterns and themes. This was achieved by grouping answers from the closed-ended multiple choice questions together and grouping similar answers to the open-ended questions. Some of the themes included risk factors, protective factors, general client profile overview, service overview, program strengths and limitations, and recommendations.

Results

The main focus of this study was to analyze the ISSP and wraparound services as prevention and intervention approaches for youth involved or at-risk of being involved in gangs. Surveys were completed by ISSP workers and youth probation officers and mainly focused on examining their perspectives in relation to ISSP services from a delivery and referring viewpoint. Representatives from wraparound services were unavailable to participate in the survey process. The survey results on wraparound services was collected from youth probation officers, who neither refer nor deliver wraparound services to clients. As a result, wraparound survey data was fairly restricted and was mainly only discussed from the perspectives of youth probation officers, who have limited experience with the program but do understand the gang-related risk factors impacting youth and some of the effective measures to assist them.

The key themes identified in the survey results included: (1) program objectives; (2) risk factors youth experienced; (3) gang exiting/diversion strategies; and (4) program strengths and limitations.

Youth Probation Officer Overview

Based on the results collected from the youth probation officer surveys, we can gather some details related to ISSP services from a referral perspective. According to respondents, the average age of youth on probation is approximately 17 years old. Some of the assessment measures used when beginning work with new clients include mental health evaluations, professional expertise, experience, and the Structured Assessment of Violence Risk in Youth (SAVRY). The SAVRY is described to quantify the

risk levels for youth in areas, such as family, home, substance use, peer delinquency, employment, education, hobbies, and attitudes towards their offence.

On average, probation officers have approximately 15 clients on their caseloads and meet with them bi-weekly for a period of 12 to 18 months. Service is typically provided in a one-to-one setting and family members are often included in the probation process. Some of the main community partners of the MCFD youth probation office, include Options Community Services, PLEA, Pacific Community Resources Society, police, health authorities, and employment services,

The major challenges youth on probation typically experienced in their lives, included poor educational achievement, lack of mentorship, inadequate levels of supervision, difficulties obtaining legitimate employment, trauma, and negative associations. Some of the less common issues experienced, included substance abuse, disconnection from culture, physical or mental abuse, and low engagement in pro-social activities.

The main objectives of probation included rehabilitating youth, protecting the public, and improving delinquent behaviours of clients. Some of the key approaches identified to achieve the objectives, included referring youth to educational services, substance programs, behavioural counselling, and mentorship support.

ISSP Overview

Based on the results collected from the ISSP worker surveys, we can gather some details related to the ISSP service at PLEA from a program delivery perspective. The average age of ISSP clients is approximately 17 years of age. ISSP workers typically have seven to 10 youth on their caseloads at a time. Support is provided through one-to-one service and family members are involved in the process occasionally. ISSP staff regularly meet clients once per week and work with them for a period of six to 12 months. Some of the main community partners of PLEA include MCFD, schools, recreation centres, health authorities, cultural centres, and employment services.

The major challenges ISSP clients typically faced in their lives included poor educational achievement, lack of mentorship, inadequate levels of supervision, substance abuse, and negative associations. Some of the less common issues experienced, included physical or mental abuse, disconnection from culture, and engagement in pro-social activities.

The ISSP respondents indicated that most of their clients lived in unstable households, lacked positive relationships with their family members, and did not have legitimate forms of employment. In contrast, most clients did not live in poverty, suffer from substance abuse, or experience mental health conditions. In addition, most of the clients were enrolled in school at the time of the survey.

Risk Factors Leading to Gang Involvement

Based on the ISSP survey results, some of the main reasons believed to influence youth to join gangs, included a desire to obtain status/respect, negative associations, neglect/lack of supervision from caretakers, and a longing for fellowship. The weakest perceived risk factors included financial incentives, low academic achievement, and protection.

According to the youth probation officer survey results, respondents indicated that approximately five of their current clients were presently or previously entrenched in gang activity or at-risk of being involved in gangs, which is estimated to make up 30% of their total caseloads. Some of the main reasons believed to influence youth to join gangs, included a desire to obtain status/respect, neglect/lack of supervision from caretakers, negative associations, and poor academic achievement. The weakest perceived risk factors, included financial motivations, companionship, and protection.

The survey results identified how youth can be motivated to join a gang based on both traditional and non-traditional risk factors. As highlighted by Descormiers (2013) and McConnell (2015), many youth are influenced to join gang, due to negative associations, neglect/lack of supervision, and a desire for status/respect, which coincided with the survey data from both groups. The literature findings and survey results did differ on some risk factors, however. According to McConnell (2015) and McCuish, Bouchard, and Corrado (2015), many B.C. youth are highly motivated to participate in gang activity for

financial incentives; however, both the ISSP and youth probation officer respondents found monetary motivations to not be a significant reason youth join gangs. Furthermore, the two survey groups also believed that protection was not a major influence for youth wanting to join gangs. In the study by Descormiers (2013), which examined the perspectives of youth gang members, it was discovered that a desire for protection was a common reason adolescents joined gangs. Based on some of the literature findings and survey results, it appears that the variances in perceived motivating factors may differ from actual youth perspectives, in comparison to the ISSP and youth probation officer views.

Main Objectives of ISSP

Based on the ISSP worker survey results, the main objectives of ISS, included assisting clients overcome barriers, helping them reintegrate into the community, improving their delinquent behaviours, ensuring their court conditions are met, providing mentorship, and addressing risk factors. Some of the main methods identified to achieve the objectives, included employment, educational, recreational, counselling, community involvement, substance support, and mentorship.

The survey results were similar to the literature findings on ISSP services and their intended objectives. As highlighted in the Mayor's Task Force on Gang Violence Prevention (2018), ISSP aims to provide rehabilitative support for youth, offer supervision, improve delinquent behaviour, and assist with community reintegration. Furthermore, in the study by Dunbar (2017), some of the main protective factors identified to help prevent youth from joining gangs, included academic success, mentorship, prosocial activities, and positive relationships with others, which were areas of focus by the ISSP respondents in their work.

Program Strengths and Limitations-ISSP

When asked to rate the effectiveness of ISSP services at preventing at-risk youth from joining a gang on a scale of one to five (one being not effective and five being very effective), ISSP respondents rated the program at 4.3, while youth probation officers rated the service at 4.1. On a similar scale, ISSP

respondents rated the program at 3.7, in relation to its ability to help clients exit a gang, whereas youth probation officers rated the service at 3.4.

Furthermore, ISSP respondents indicated that they believed the main strengths of ISSP, included employment support, educational assistance, recreational support, and mentorship. Youth probation officer respondents felt the major benefits, involved employment support, mentorship, and recreational support. According to ISSP respondents, some of the limitations of the program and areas for improvement included family relationship strengthening and cultural support. Youth probation officer respondents felt the key limitations involved cultural support, family relationship strengthening, and educational assistance.

Program Strengths and Limitations-Wraparound

While the survey data on wraparound approaches was limited, the youth probation officers did share some perspectives of the service. When asked to rate the effectiveness of wraparound methods at preventing at-risk youth from joining a gang on a scale of one to five (one being not effective and five being very effective), respondents provided an average rating of 4.5. On a similar scale, respondents rated the service at 2.5, in relation to its ability to help clients exit a gang.

Moreover, respondents indicated that they believed the main strengths of wraparound services, included educational assistance, employment support, and mentorship. As discussed by McDaniel (2012), increasing a young person's protective factors may lower their likelihood of engaging in gang activities. According to the data identified by Dunbar (2017), it appears that wraparound services do attempt to strengthen many of the main protective factors of their clients. In the study by Barnert et al. (2015), incarcerated youth were interviewed and asked to share some of the protective factors they believed that may have decreased their likelihood of engaging in deviant behaviours and prevented some from joining a gang. Respondents felt that stronger relationships with family members, positive peer associations, increased school engagement, and participation in pro-social activities could have prevented some from following a path of crime (Barnert et al., 2015). Based on the youth probation officer survey results, it

appears that wraparound services do focus on many of the main protective factors needed to help youth resist the desire to join a gang.

One of the main perceived limitations of the approach appeared to be that wraparound services are often unavailable to youth who are not attending school, which can be a major barrier for those who are most at-risk and would benefit significantly from the support. This was also one of the main limitations identified in the evaluation of the Surrey Wraparound, as youth who were not enrolled in the Surrey School District, were not eligible for participation in the program (Public Safety Canada, 2012). In addition, some respondents believed that wraparound service providers did not always have the necessary level of experience or knowledge needed when it came to supportive practices for youth who were more heavily entrenched in criminal activity and was seen to be better suited for youth who were not already engaged in serious crimes. Lastly, long wait lists was another limitation of wraparound services identified by youth probation officers, which was found to be a challenge recognized in the evaluation of the Surrey Wraparound program (Public Safety Canada, 2012).

Exiting a Gang

In relation to gang exiting measures for youth, ISSP respondents believed the most effective strategies included recreational involvement, family relationship strengthening, educational assistance, and employment support. Youth probation officers believed that the most effective measures to help youth exit a gang involved educational assistance, employment support, and behavioural counselling.

The least effective measures identified by ISSP workers included behaviour counselling and cultural support. The least effective methods were perceived by youth probation officers involved cultural connection, gang exiting programs, recreational services, and substance abuse support.

In a study by Weinrath, Donatelli, and Murchison (2016), mentorship was identified to be a successful method of intervention for gang-entrenched youth. One of the main benefits mentorship provides is exposing adolescents to pro-social peers and developing positive support systems. In order to better understand the effect mentorship had on young people, Weinrath et al. (2016) studied participants

in the Spotlight Serious Offender Services Unit, which was described as an urban-based Canadian ISPP service that provides support to youth gang members. The experimental group was compared to a control group of other high-risk adolescents who did not participate in the mentorship service. The results indicated that youth involved in the mentorship program reoffended at a significantly less frequent rate than those in the control group (Weinrath et al., 2016). Mentorship programs were also found to be a key benefit for youth at-risk of joining a gang or those already entrenched in gangs in Surrey, B.C. by the (Mayor's Task Force on Gang Violence Prevention, 2018), especially when the young person, in question, does not have any other strong relationships with positive adults in their lives. As mentorship is a major aspect of both ISSP and wraparound services, it is apparent that the two programs can help provide intervention support to clients.

Some of the main challenges ISSP service providers believed youth experienced when attempting to leave a gang, included peer pressure and developing positive support systems. Similarily, youth probation officers felt that the most common challenges clients experienced when exiting a gang, involved perceived mental or physical harm from gang members and peer pressure.

According to Carson and Vecchio (2015) the perceived fear of physical or mental abuse for wanting to leave a gang is a fairly common reason many individuals and contributes to many remaining in a gang for longer than desired. In a study by Brar (2017), former gang members were interviewed. When asked if they experienced any serious resistance when attempting to exit their former gangs, respondents reported that they had not experienced any risk of violence. Furthermore, the respondents also reported that they had witnessed many other members leave a gang without experiencing any negative consequences (Brar, 2017).

These findings were also echoed in a study by Carson, Peterson, and Esbensen (2013) that examined the challenges involved in exiting a gang. It was discovered that approximately 50% of individuals who left a gang, did not experience any undesirable outcomes from other members. Decker

and Pyrooz (2011) attributed the absence of negative results to the possibility that many gang members are fairly sympathetic and supportive of others wanting to leave a gang when desired.

Another challenge identifed in the ISSP and youth probation officer surveys included obtaining legitimate employment. According to Carson and Vecchio (2015), meaningful and legitimate employment can be a major reason individuals decide to leave a gang. In the study by Brar (2017), several of the respondents interviewed discussed that one of the factors that motivated them to join a gang was for financial incentives; however, those who had exited, claimed that obtaining permanent work was one of the key factors in helping them leave their former gangs. In addition, no longer having to commit crimes for money helped respondents feel less paranoid of being arressted (Brar, 2017). As one of the main focuses of both ISSP and wraparound services highlighted in the surveys is assisting clients obtain legitimate employment, these approaches may be helpful in assisting clients exit a gang.

Additional Thoughts

One ISSP survey respondent, Anna provided the following thoughts in relation to youth joining gangs:

I have done this work for many years and youth involved in gangs tend to be from middle class backgrounds. However, the families of youth need to play active roles, as they tend to know when their children are involved in gangs and they are either part of the solution or part of the problem. All the active gang stuff going on in the communities that we can see can be directly attributed to their families. The few active gang members I worked with that moved on from that lifestyle, did so because their families played active roles and supported them. The youth that did not get out had families that ignored the issues, kept their heads down in shame, or were just as criminal as their youth. Even good families have issues, but it is how they deal with them that make them strong. A family must be willing to acceptance responsibility and address issues with their youth, regardless of their background.

Another ISSP respondent, Adam provided the following response, in regards to gang exiting initiatives:

I have been doing this work for several years and I have never even heard of CFSEU. I had to look it up doing this survey. Because it is so difficult to get program funding, existing gang exit programs are very proprietary and do not readily coordinate with others. There are no gang exit

programs for youth in the city I work in that coordinate with ISSP. Despite its success (Representative for Children and Families Award of Excellence), there was no interest from provincial or federal governments to extend funding for Career Path beyond initial funding for 4 years. There seems to be no interest in preventing gang involvement with youth; services are short-lived and under-funded.

Discussion and Implications

The current study examined the perspectives of five ISSP workers and five youth probation officers in B.C. The survey results provided valuable insight into the work that the two groups perform, program overviews of ISSP and wraparound services, some of the challenges youth experience, and measures to address the issues identified.

Based on the findings, several implications have been identified. Firstly, the results indicated that the clients of the ISSP and youth probation officer respondents are often impacted by both traditional and non-traditional risk factors, in relation to gang membership. The common risk factors identified in both groups, included a desire to obtain status/respect, neglect/lack of supervision, and negative associations. These factors matched those identified in the literature (Dunbar, 2017; Descormiers, 2013; Brar, 2017). However, some of the other main risk factors also described to influence youth in the literature, especially in a local context, did not match the survey results. In both the ISSP and youth probation officer surveys, financial incentives were perceived to have a minimal influence on youth, when it came to their decision to join a gang. This was surprising, as many who have studied B.C. youth found money to be one of the main motivators for gang membership (McConnell, 2015; McCuish et al., 2015).

Secondly, it appeared that ISSP and wraparound services can be effective at preventing youth from joining gangs by increasing the protective factors in young people. Both programs focus on assisting clients overcome barriers, help them reintegrate into the community, attempt to improve criminal behaviour, and address many of the risk factors impacting youth. These objectives are typically achieved by providing clients with educational, employment, recreational, counselling, and community support.

According to Dunbar (2017), increasing an individual's protective factors can help prevent them from

joining a gang. This finding was also echoed by former gang-entrenched youth in the study by Barnert et al. (2015).

Thirdly, both ISSP and wraparound programs appear to possess some qualities that may assist youth leave a gang. Both survey respondent groups reported that educational and employment support were some of the most important methods to assist youth exit a gangs. In their study, Carson and Vecchio (2015) found that obtaining legitimate employment could be a major factor influencing individuals to exit a gang. This finding was also echoed by the former gang members interviewed in the study by Brar (2017), who shared that obtaining meaningful employment played a role in helping several of them exit their former gangs.

Furthermore, literature also indicated that mentorship can play a major role in helping prevent youth from joining gangs and could be used to help them exit them (Mayor's Task Force on Gang Violence Prevention, 2018; Weinrath et al., 2016). Mentorship can help expose youth to pro-social peer groups, provide them with positive role models, and help them develop support systems. In the study by Weinrath et al. (2016), mentorship was found to lower the rates of recidivism in gang-entrenched youth. As ISSP and wraparound both focus on providing clients with mentorship, it appears that the services can assist youth in their attempts to leave a gang. Based on the findings from the survey results and literature, it appears that ISSP and wraparound services heavily focus on the main challenges identified to help youth exit a gang.

Limitations

While this current study did provide some of the perspectives of service providers and referring bodies related to ISSP and wraparound approaches through survey analysis, the sample of participants was fairly small. In addition, the exclusion of wraparound staff limited the data from a service provider perspective. While the youth probation officers did share their viewpoints of wraparound services, they typically do not refer their clients to such programs, which could have limited their knowledge related to

the service. Expanding the sample size of the study and including wraparound staff and other ISSP workers from additional organizations could have provided additional insightful information on the two programs of focus.

Although staff from an organization that delivers wraparound services in the Lower Mainland were asked to be involved in the study, they were unable to participate. As a result, the feedback provided on wraparound services was collected from youth probation officers, who occasionally refer clients to the program. While many youth probation officers are familiar with wraparound services, the exclusion of wraparound staff may have limited insight from a service provider perspective.

Another possible limitation of the study was the use of surveys, as opposed to interviews.

Although surveys can provide a great amount of data, interviews can offer additional information, at times, including further explanations to questions and quotes. While there were several open-ended questions included in the surveys, requiring participants to type out responses to questions may have prevented them from providing detailed answers.

Lastly, participants had the ability to skip any of the questions they did not feel comfortable answering. In addition, not all questions may have received detailed replies. This could have occurred because the participant may not have wanted to share negative views about a program, which could have skewed the data collected for this study.

Future Research

The research on the effectiveness of ISSP services and wraparound approaches as prevention and intervention methods for at-risk youth and those already involved gang-entrenched is fairly limited in a local and current context. While there have been studies conducted on the two programs, most of the research examines services outside of B.C. As previously highlighted, not all youth in B.C. are impacted by traditional risk and protective factors (McConnell, 2015; Brar, 2017). Furthermore, in many

communities in B.C., the youth gang demographics are unlike any other region of Canada (McConnell, 2015).

Although Public Safety Canada (2012) did an evaluation on the Surrey Wraparound, the study was conducted seven years ago. As the gang landscape in B.C. has changed significantly over the years, conducting an updated evaluation may provide useful information regarding the program and some of the factors impacting clients. Similarly, while the McCreary Centre Society (2012) conducted an evaluation on the programs provided by PLEA, the study was also from seven years ago. Although the study did indicate that clients benefited significantly from their participation in PLEA, the evaluation grouped all of the justice-related services together and did not identify how effective each program was individually. As a result, future research on both of these services in a local and current context may advance knowledge related to effective gang prevention and intervention approaches for youth.

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Appendix A: Ethics Certificate of Approval



Certificate of Human Research Ethics Board Approval

Master's Supervisor	Department	Protocol #
Amanda McCormick	Criminology & Criminal Justice	1135C-18
Master's Student	I i	I S
Eric Osmond		
Title of Project		
Youth Gang Prevention St Wraparound Approaches	rategies: Analyzing Intensive Support and	Supervision Programs and
Sponsoring/Funding Agen	су	
N/A		
1 March 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Institution(s) where resea	rch will be carried out.	
Ministry of Children and F University of the Fraser Va	amily Development, Surrey School Board, alley	PLEA Community Services,
Review Date:	Approval Date:	Approval Term:
11-Jan-19	22-Jan-19	22-Jan-19 - 21-Jan-20
Certification:	•	•
	e above named project has been reviewed dures were found to be in compliance with research.	
	4	<u></u>
	Michael Gaetz, Chair, Human Research Et	hics Board
NOTE: This Certificate of	Approval is valid for the above-noted term the procedures or criteria given.	
If the project will	go beyond the approval term noted above must be requested.	ve, an extension of approval

33844 King Rd., Abbotsford, BC V25 7M8 + Telt 604-504-7441 + Fax: 604-855-7614 + Toll-free (in Canada): 1-888-504-7441 + www.ufv.ca
ABBOTSFORD + CHILLIWACK + MISSION + HOPE + AGASSIZ + CHANDIGARH

Appendix B: Letter of Informed Consent

School of Criminology and Criminal Justice University of the Fraser Valley 33844 King Road Abbotsford, BC V2S 7M8 604-504-7441

January 11, 2019

Youth Gang Prevention Strategies: Analyzing Intensive Support and Supervision Programs and Wraparound Approaches

Letter of Informed Consent

Thank you for agreeing to participate in this study. This letter explains the purpose of the research and the process involved. If you have any questions or concerns, please feel free to ask the researcher for clarification. Again, your contribution to this study is truly appreciated.

Purpose/Objectives of the Study

The principal investigator of this study is Eric Osmond, a Master of Arts (Criminal Justice) student in the School of Criminology and Criminal Justice at UFV. Eric will be responsible for collecting data from participants, coding the data, analyzing the data, developing a final report using the data collected in this study, and presenting it to a panel of reviewers. Eric's work on this project is supervised by Dr. Amanda McCormick with the School of Criminology and Criminal Justice.

The main objective of this research project will be to collect feedback from participants working in programs focused on preventing gang involvement for youth. The goals of the study include developing an understanding of why some youth in the Lower Mainland become involved in gang activity, the needs of youth who are at-risk of or involved in gangs, common challenges experienced when exiting a gang, and types of approaches used to assist youth to leave a gang.

The study goals will be achieved through the use of primary data collection by providing surveys to participants working with the Surrey Wraparound program, a sample of Intensive Support and Supervision Program workers, and a sample of youth probation officers, in order to obtain information on common practices involved in these approaches and their suitability for youth gang prevention and intervention.

Dissemination of results

The data will be used to develop a final major paper, which will be presented to a panel of reviewers. After the major paper is completed, a fact sheet will also be developed and made available to the public.

Procedures involved in the Research

During this study, the researcher will administer surveys to participants, which include several open-ended and closed-ended questions, which encourage you to share your experiences and opinions related to the topic. Please answer all of the questions to the best of your ability and know that you have the right to skip any question you do not want to answer. The surveys will take approximately 30 minutes to complete.

Potential Benefits

Some of the benefits the proposed research may provide is a better understanding of how closely aligned your program activities are to the needs and risks presented by at-risk or gang involved youth. Another benefit is being able to review a summary of current approaches to gang prevention and intervention by reading the completed major paper.

In addition, the proposed research may benefit the community by increasing public safety by preventing more youth from becoming involved in gang activity.

Potential Harms, Risks or Discomforts to Participants

This study will not pose any major physical, social, or psychological harm towards you. However, you may potentially feel uncomfortable answering some of the questions related to programs you administer or refer clients to. Please note, you do not need to answer any questions that may make you feel uncomfortable. You may also choose to withdraw your participation in the study by March 15, 2019.

Confidentiality

Any information that you provide during this study will remain confidential and will be shared in aggregate form only.

All of the participants in this study will be given a pseudonym and all identifiable information will be kept private at all times.

Your privacy will be respected throughout this study. Data collected during surveys will be safely stored on a password protected computer system and an encrypted drive that will be locked away in the principal investigator's office when not in use. Your name will not be associated with any of the data collected in this study. The researchers of this study will be the only individuals to have access to the information collected. Once the final study has been completed and approved, the answers gathered from personal surveys may be retained to develop an anonymized aggregated dataset to allow for future publication/presentation.

Participation

Your participation in this study is voluntary.

Please note that you may withdraw from this study without consequences. If you decide to withdraw, please contact the principal investigator by March 15, 2019 by phone at (604) 356-2043 or by email at eric.osmond@student.ufv.ca.

In cases of withdrawal, any data you have provided will be deleted from the dataset and confidentially shredded or deleted.

Study Results

After the study has been completed and approved, you may contact the principal investigator by phone at (604) 356-2043 or by email at Eric.Osmond@student.ufv.ca or contact the primary supervisor by email at Amanda.McCormick@ufv.ca for a copy of the final paper.

Questions

Eric Osmond

CONTACT FOR INFORMATION ABOUT THE STUDY

Principal Investigator
Phone: Email:

CONTACT FOR CONCERNS

If you have any concerns regarding your rights or welfare as a participant in this research study, please contact the Ethics Officer at 604-557-4011 or Research. Ethics@ufv.ca.

The ethics of this research project have been reviewed and approved by the UFV Human Research Ethics Board [1135C-18 approved from Jan 22, 2019-Jan 22, 2020]." Page 4

Consent Form

By signing below, I agree to participate in this study, titled Youth Gang Prevention Strategies: Analyzing Intensive Support and Supervision Programs and Wraparound Approaches.

I have read the information presented in the letter of informed consent being conducted by Eric Osmond at the University of the Fraser Valley. I have had the opportunity to ask questions about my involvement in this study and to receive any additional details.

I understand that I have the right to withdraw from the study by March 15, 2019 and that confidentiality and/or anonymity of all results will be preserved. If I have any questions about the study, I should contact the principle investigator, Eric Osmond by phone at or by email at or the faculty supervisor, Dr. Amanda McCormick at Amanda.McCormick@ufv.ca.

If I have any concerns regarding my rights or welfare as a participant in this research study, I can contact the UFV Ethics Officer at 604-557-4011 or Research.Ethics@ufv.ca.

Name (please print)	
Signature	
Date	
Phone Number	
Email Address	

Appendix C: ISSP Survey Questions

Thank you for participating in this study!

Please note that you may skip any questions you do not feel comfortable answering.

Please also note that your answers will not be shared with anybody else without your consent. The researcher will be the only one to have access to survey results.

1. How long have you been an ISSP worker with PLEA?		
Less than 1 year		
1-3 years		
3-5 years		
5+ years		
2. How many clients do you currently have on your caseloa	nd?	
1-3	11-15	
4-7	16+	
7-10		
3. On average, how old are clients on your current caseload	1?	
13-15		
16-17		
18-19		
4. Is there a referral process for clients? If yes, please descri	ribe the process.	
5. What are some reasons that you would not work with a y	youth (i.e. too dangerous)?	
6. What is the main objective of ISSP?		

7. V	What screening tools are used for clients and what factor	ors are screened (i.e. mental health, delinquent attitudes,
gan	g entrenchment)?	
8. F	Iow is service provided to clients?	
\bigcirc	1-1	
\bigcirc	Group setting	
\bigcirc	Both	
9.0	On average, how often do you meet with a client per m	onth?
\bigcirc	Once	
\bigcirc	Twice	
\bigcirc	Three Times	
	More than three times	
10.	Do you typically include a client's family members in	the ISSP process?
\bigcirc	Always	Seldom
\bigcirc	Frequently	Never
\bigcirc	Occasionally	

(Please select all that apply)
Education
Obtaining Legitimate Employment
Lack of Supervision
Lack of Mentorship
Substance Abuse
Physical/Mental Abuse
Mental Health
Disconnected from Culture
Negative Associations (Friends, Family Members, Classmates, etc.)
Becoming Involved in Recreational Activities
Trauma
Developmental Challenges (Learning Difficulties, Illiteracy, etc.)
Other (please specify)
12. What types of goals do you assist clients with?
12. What types of goals do you assist clients with? (Please select all that apply)
(Please select all that apply)
(Please select all that apply) Employment
(Please select all that apply) Employment Education
(Please select all that apply) Employment Education Recreation
(Please select all that apply) Employment Education Recreation Counselling
(Please select all that apply) Employment Education Recreation Counselling Community Involvement
(Please select all that apply) Employment Education Recreation Counselling Community Involvement Family Connection
(Please select all that apply) Employment Education Recreation Counselling Community Involvement Family Connection Substance Management
(Please select all that apply) Employment Education Recreation Counselling Community Involvement Family Connection Substance Management Cultural Connection

13. On average, how long do you work	'k with a client in total for?	
1-3 months	12-18 months	
3-6 months	18-24 months	
6-12 months	24+ months	
14. Do you work in partnership with o	other agencies in the community? If yes, which ones?	
15. Under what circumstances would a	a client fail to complete an ISSP order?	
16. What typically occurs when a clien	ent fails to complete an ISSP order?	
17. Do clients participate voluntarily i Voluntarily participate	in your program or are they court-ordered?	
_		
Court-ordered		
18. Is there a stated end date to a clien	nt's involvement in your program? If yes, when (i.e. probation	on order expires)?
neral Client Questions Related t	to Gangs	
	ow many clients on your caseload are currently or have previ	iously been
involved in gang activity or at-risk of		ously been
1-3		
4-5		
6-9		
10+		

	your experience, what are some of the reasons that clients have become involved in gang activity? (Please
	all that apply)
F	inancial Incentives/Unable to Obtain Legitimate Employment
S	tatus (Respect, Perceived to be "Cool," etc.)
N	legative Associations (Friends, Family Members, etc.)
P	rotection
F	ellowship (Brotherhood/Sisterhood)
	ow Educational Success
	leglect from Family
	Other (please specify)
L	
21. To	the best of your knowledge, what are some of the most effective measures you have used to help a client exit a
gang?	
(Pleas	se select all that apply)
	CFSEU Gang Exiting Program Referral
E	Educational Support
R	decreational Support
E	Employment Support
S	ubstance Abuse Support Referral
	Counselling Referral
	Connecting to Cultural Services
F	amily Relationship Strengthening
	Other (please specify)
L	

22. In your experience, what are some of the reasons that clie	ents have left a gang? (Please
select all that apply)	
Found Legitimate Employment	
Incarcerated	
Somebody they knew in a Gang was killed	
Academic Success	
Positive Associations (Friends, Family Members, etc.)	
Enrolled in Recreational Activities	
Support from CFSEU Gang Exiting Program	
Other (please specify)	
23. What challenges do clients experience when leaving a gar	ng?
(Please select all that apply)	
Peer Pressure	
Threats from Gang for Attempting to Leave	
Obtaining Legitimate Employment	
Creating Positive Support Systems	
Enrolling in School/Academic Challenges	
Other (please specify)	
24. What one area of a youth's life do you believe to be the m	nost important in helping them leave a gang
or preventing them from joining one?	
(Please select only 1 answer)	
Home Life	Legitimate Employment
Positive Associations	Recreational Activities
Education	
Other (please specify)	

Questions Related to **Gang-Entrenched/At-Risk Clients**

This section is related to clients who are currently or have previously been involved or at-risk of being of involved in gang activity.

25. Based on your current caseload, how many of your cli	ents come from broken homes (i.e.
single-parent households, parents separated, divorced)?	<u> </u>
4-6	15+
7-10	
26. Based on your current caseload, how many of your cli members/guardians?	ents have positive relationships with their family
1-3	11-14
4-6	15+
7-10	
27. Based on your current caseload, how many of your cli	ents are currently enrolled in school?
1-3	11-14
4-6	15+
7-10	
28. Based on your current caseload, how many of your cli	ents have legitimate jobs?
1-3	11-14
4-6	15+
7-10	
29. Based on your current caseload, how many of your cli	ents suffer from substance abuse?
1-3	11-14
4-6	15+
7-10	
30. Based on your current caseload, how many of your cli clothing, etc.)?	ents experience poverty (insufficient access to food
1-3	11-14
4-6	15+
7-10	

31. Based on your current caseload, how many of your clients experience mental health conditions (i.e. antisocial disorder, addictive behaviours, bi-polar, etc.)?	
<u> </u>	11-14
4-6	15+
7-10	
Questions Related to Non-Gan This section is related to clients wh	no are not currently or have previously been involved or at-risk of being
involved in gang activity.	to are not earrenery or have previously seen involved of at risk of semig
32. Based on your current caselog	ad, how many of your clients come from broken homes (i.e.
single-parent households, parents	s separated, divorced)?
1-3	11-14
4-6	15+
7-10	
33. Based on your current caselor members/guardians?	ad, how many of your clients have positive relationships with their family
1-3	11-14
4-6	15+
7-10	
	ad, how many of your clients are currently enrolled in school?
1-3	11-14
4-6	15+
7-10	
35. Based on your current caselog	ad, how many of your clients have legitimate jobs?
<u> </u>	11-14
<u> </u>	<u> </u>
7-10	

	• •
1-3	11-14
4-6	<u> </u>
7-10	
37. Based on your current caseload, how r clothing, etc.)?	many of your clients experience poverty (insufficient access to food,
1-3	11-14
4-6	<u> </u>
7-10	
38. Based on your current caseload, how r social disorder, addictive behaviours, bi-p	many of your clients experience mental health conditions (i.e. anti- polar,)?
1-3	11-14
4-6	15+
7-10	
uestions Related to Intensive Suppor	rt and Supervision Program (ISSP)
39. On a scale of 1 to 5, 1 being not effect	tive and 5 being very effective, how effective do you believe ISSP serv
39. On a scale of 1 to 5, 1 being not effect are at preventing at-risk youth from joinin	tive and 5 being very effective, how effective do you believe ISSP serving a gang?
39. On a scale of 1 to 5, 1 being not effect	tive and 5 being very effective, how effective do you believe ISSP serv
39. On a scale of 1 to 5, 1 being not effect are at preventing at-risk youth from joinin	tive and 5 being very effective, how effective do you believe ISSP serving a gang? 3 5 tive and 5 being very effective, how effective do you believe ISSP
39. On a scale of 1 to 5, 1 being not effect are at preventing at-risk youth from joining 1 40. On a scale of 1 to 5, 1 being not effect services are at helping clients exit a gang?	tive and 5 being very effective, how effective do you believe ISSP serving a gang? 3 5 tive and 5 being very effective, how effective do you believe ISSP?
39. On a scale of 1 to 5, 1 being not effect are at preventing at-risk youth from joining 1 40. On a scale of 1 to 5, 1 being not effect	tive and 5 being very effective, how effective do you believe ISSP serving a gang? 3 5 tive and 5 being very effective, how effective do you believe ISSP

select all that apply)	
Employment Support	Cultural Support
Educational Support	Family Support
Recreational Support	Family Relationship Strengthening
Mentorship	
Other (please specify)	
42. What do you believe are some of the limitation (Please select all that apply)	ns of ISSP services?
Barriers (not all youth are eligible for support)	Mentorship
Employment Support	Cultural Support
Educational Support	Family Relationship Strengthening
Other (please specify)	
nal Thoughts A3 Other than ISSP what other programs/method	s do you believe prevent youth from joining a gang or help them e
	s do you believe prevent youth from joining a gang or help them e
43. Other than ISSP, what other programs/method	Is do you believe prevent youth from joining a gang or help them e
43. Other than ISSP, what other programs/method one?	Forensics psychiatric services
43. Other than ISSP, what other programs/method one?	Forensics psychiatric services
43. Other than ISSP, what other programs/method one? CFSEU Restorative justice	Employment services (i.e. Work BC, Bladerunners, YMCA, et

	Other (please specify)	
44	44. Is there any other information that you would like to add?	

Appendix D: Youth Probation Officer Survey

ase note that you may skip any qu	estions you do not feel comfortable answering.
lease also note that your answers will not be shared with anybody else without your consent. The researche ill be the only one to have access to survey results.	
1. How long have you worked as a y	youth probation officer?
Less than 1 year	
1-3 years	
3-5 years	
5+ years	
2. On average, how old are clients of	n vour current caseload?
13-15	
16-17	
18-19	
3. Is there a referral process for clier	nts? If yes, please describe the process.
4. What are some reasons that you w	would not work with a youth (i.e. too dangerous)?
5. What is the main objective of you	nth probation?

7. How is service provided to clients?		
<u> </u>	-1	
() G	Group setting	
() B	ooth	
8. On	average, how often do you meet with a client per mor	nth?
O 0	Once	
	wice	
	hree Times	
(M	fore than three times	
0.75		
9. Do	you typically include a client's family members in the	e probation process?
() A	dways	Seldom
O F	requently	Never
O 0	Occasionally	
10 W		116 / 1
	That are some of the main challenges your clients expe a maximum of 5 choices)	rrience in life (please
	Education	
	Obtaining Legitimate Employment	
	ack of Supervision	
	ack of Mentorship	
	ubstance Abuse	
	hysical/Mental Abuse	
	Aental Health	
	Disconnected from Culture	
	legative Associations (Friends, Family Members, Classmates, etc.)	
	secoming Involved in Recreational Activities	
	rauma (m. 1918)	
D	Developmental Challenges (Learning Difficulties, Illiteracy, etc)	
o	Other (please specify)	

11. What types of goals do you assist clients	with (please select all that apply)
Employment	
Education	
Recreation	
Counselling	
Community Involvement	
Family Connection	
Substance Management	
Cultural Connection	
Mentorship	
12. On average, how long do you work with a	a client in total for?
1-3 months	12-18 months
3-6 months	18-24 months
6-12 months	24+ months
13. Do you work in partnership with other ag	encies in the community? If yes, which ones?
14. How many clients do you currently have	on your caseload?
1-3	11-15
4-7	16+
7-10	
15. Under what circumstance do clients typic	ally fail to complete a probation order?
16. What typically occurs when a client fails	to complete a probation order?

Questions Related to Gang Involved Clients

This section is related to clients who are currently or have previously been involved or at-risk of being of involved in gang activity

17. To the best of your knowledge, how many clients on your caseload are currently or have previously been involved in gang activity or at-risk of being involved?
<u> </u>
<u>4-5</u>
O 6-9
<u> </u>
18. In your experience, what are some of the reasons that clients have become involved in gang activity (please select top 3 choices)
Unable to Obtain Legitimate Employment
Status (Respect, Perceived to be "Cool," etc.)
Negative Associations (Friends, Family Members, etc.)
Protection
Fellowship (Brotherhood/Sisterhood)
Low Educational Success
Neglect from Family
19. To the best of your knowledge, what are some of the most effective measures you have used to help a client exit a gang? (Please select all that apply)
CFSEU Gang Exiting Program Referral
Educational Support
Recreational Support
Employment Support
Substance Abuse Support Referral
Counselling Referral
Connecting to Cultural Services

20. In your experience, what are some of the re	easons that clients have left a gang (please select top 3 choices)
Found Legitimate Employment	
Incarcerated	
Somebody they knew in a gang was killed	
Academic Success	
Positive Associations (Friends, Family Members, e	tc.)
Enrolled in Recreational Activities	
Support from CFSEU Gang Exiting Program	
21. What challenges do clients experience whe	en leaving a gang (please select top 3 choices)
Peer Pressure	
Threats from Gang for Attempting to Leave	
Obtaining Legitimate Employment	
Creating Positive Support Systems	
Enrolling in School/Academic Challenges	
or preventing them from joining one (please se	
Home Life	Legitimate Employment
Positive Associations	Recreational Activities
Education	
Questions Related to Gang-Entrenched/A	t Dick Clients
_	atly or have previously been involved or at-risk of being of
involved in gang activity.	or have providually been involved of at film of being of
23. Based on your current caseload, how many	of your clients come from broken homes (i.e.
parents separated, divorced)?	
1-3	11-14
4-6	<u> </u>
7-10	

24. Based on your current caseload, how many of your clients have positive relationships with their family members/guardians?		
1-3	11-14	
4-6	15+	
7-10		
25. Based on your current caseload, how many of your clied	ents are currently enrolled in school?	
1-3	11-14	
4-6	15+	
7-10		
26. Based on your current caseload, how many of your clied	ents have legitimate jobs?	
1-3	11-14	
4-6	15+	
7-10		
27. Based on your current caseload, how many of your clied	ents suffer from substance abuse?	
1-3	11-14	
4-6	15+	
7-10		
28. Based on your current caseload, how many of your clied clothing, etc.)	ents experience poverty (insufficient access to food	
1-3	11-14	
4-6	15+	
7-10		
29. Based on your current caseload, how many of your clies social disorder, bi-polar, etc.)	ents experience mental health conditions (i.e. anti-	
1-3	11-14	
4-6	15+	
7.10		

Questions Related to Non-Gang Entrenched Clients

30. Based on your current caseload, how many of your clie separated, divorced)?	nts come from broken homes (i.e. parents
1-3	11-14
4-6	15+
7-10	
31. Based on your current caseload, how many of your clie members/guardians?	nts have positive relationships with their family
1-3	11-14
4-6	15+
7-10	
32. Based on your current caseload, how many of your clie	ents are currently enrolled in school?
1-3	11-14
4-6	15+
7-10	
22 Deced on your engent applied how many of your dia	nta hava laaitimata jaha?
33. Based on your current caseload, how many of your clie	
1-3	11-14
4-6	15+
7-10	
34. Based on your current caseload, how many of your clie	nts suffer from substance abuse?
1-3	11-14
4-6	15+
7-10	
35. Based on your current caseload, how many of your clie clothing, etc.)	ents experience poverty (insufficient access to food,
1-3	11-14
<u> </u>	<u> </u>
7-10	

36. Based on your current ca social disorder, bi-polar, AD	seload, how many of your clients experience notes. (HD)?	mental health conditions (i.e. anti-
1-3	11-14	
4-6	<u> </u>	
7-10		
nestions Related to the W	raparound Program	
37. On a scale of 1 to 5, 1 be Program?	ing not at all and 5 being very, how familiar an	re you with the Wraparound
1	3	5
39. What are some reasons y that apply)	ou would choose not to connect a client to the	e Wraparound Program (please select all
Youth Poses High Level of R	sk for Staff	
Youth does not need addition	al support (i.e. already involved in school, recreation, et	tc.)
Probation Order is short		
Long Wait List		
Youth does not want to Partic	ipate	
Other (please specify)		
40. On a scale of 1 to 5, 1 be	ing not effective and 5 being very effective, he	ow effective do you believe the
Wraparound Program is at p	reventing at-risk youth from joining a gang?	
1	3	5
0		

	On a scale of 1 to 5, 1 being not effective and apparound program is at helping clients exit a ga		believe the
WI		-	
	1	3	5
)		
42.	What do you believe are some of the strengths	of Wraparound Program (please select all th	nat apply)
	Educational Support		
	Employment Support		
	Recreational Support		
	Mentorship		
	Cultural Support		
	Other (please specify)		
43.	What do you believe are some of the limitation	ns the Wraparound Program experiences?	
	Funding		
	Barriers (not all youth can access support)		
	Mental Health Support		
	Employment Support		
	Educational Support		
	Recreational Support		
	Mentorship		
	Cultural Support		
	Other (please specify)		
Quest	ions Related to Intensive Support and S	Supervision Program (ISSP)	
44.	On a scale of 1 to 5, 1 being not at all and 5 be	ing very, how familiar are you with ISSP?	
	1	3	5

45. Do you help clients connect		describe how you help connect	them and the frequency
you connect them with the progr	am?		
46. What are some reasons you	would choose not to conn	ect a client to ISSP?	
Youth poses high level of risk to s	taff		
Long wait list			
<u> </u>		. i.e	
routh does not require additional	support (i.e. youth affeady has a	job, already enrolled in school, etc.)	
Probation order is short			
Youth does not want to participate	in program		
Other (please specify)			
─			
47. On a scale of 1 to 5, 1 being		very effective, how effective do	o you believe ISSP is at
preventing at-risk youth from jo	ning a gang:		
1	3		5
48 On a scale of 1 to 5 1 hains	not official and 5 hains		a von haliana ISSD is at
48. On a scale of 1 to 5, 1 being helping clients exit a gang?	not effective and 5 being	very effective, now effective do	o you believe ISSP is at
neiping chems exit a gang.			
1	3		5
49. What do you believe are son	ne of the strengths of ISSI	(please select all that apply)	
	ie of the strengths of 1881	Mentorship	
Employment Support		Wentorship	
Educational Support		Cultural Support	
Recreational Support		Family Support	
Other (please specify)			

50. What do you believe are some of the limitations of ISS	SP?
Funding	Recreational Support
Barriers (not all youth are eligible for support)	Mentorship
Employment Support	Cultural Support
Educational Support	
Other (please specify)	
Final Thoughts	
Final Thoughts	
51. Other than the Wraparound Program and ISSP, what o	ther programs do you believe prevent youth from joining a
gang or help them exit one?	
CFSEU	Forensics psychiatric services
Restorative justice	Employment services (i.e. Work BC, Bladerunners, YMCA, etc.)
Services within schools	Recreation centre services

	Other (please specify)
52.	Is there any other information that you would like to add?