

MEDLINE via PubMed

((((((((((("Peer Group"[Mesh] OR "Geographic Mapping"[Mesh] OR "Residence Characteristics"[Mesh] OR "Structural determinant"[tiab] OR "structural determinants"[tiab] OR Environment[tiab] OR Environments[tiab] OR Environmental[tiab] OR "Macro-social"[tiab] OR "micro-social"[tiab] OR Peer[tiab] OR Peers[tiab] OR "social network"[tiab] OR "social networks"[tiab] OR "social setting"[tiab] OR "social settings"[tiab] OR "social context"[tiab] OR "social contexts"[tiab] OR "social event"[tiab] OR "social events"[tiab] OR "social nature"[tiab] OR "social norm"[tiab] OR "social norms"[tiab] OR "group norm"[tiab] OR "group norms"[tiab] OR Friend[tiab] OR Friends[tiab] OR Location[tiab] OR Locations[tiab] OR Geospatial[tiab] OR Geo-spatial[tiab] OR "Activity space"[tiab] OR "Activity spaces"[tiab] OR Microsystem[tiab] OR Microsystems[tiab] OR Context[tiab] OR contexts[tiab] OR Contextual[tiab] OR Situational[tiab] OR Host[tiab] OR Hosts[tiab] OR "Adult presence"[tiab] OR Party[tiab] OR Parties[tiab] OR Partying[tiab] OR Residence[tiab] OR Residences[tiab] OR "Small group"[tiab] OR "Large group"[tiab] OR "Group composition"[tiab] OR Home[tiab] OR Homes[tiab] OR houses[tiab] OR House[tiab] OR Ecological[tiab] OR "Parental presence"[tiab] OR "parental knowledge"[tiab] OR "parental monitoring"[tiab] OR "parental awareness"[tiab] OR "parental provision"[tiab] OR Daytime[tiab] OR Nighttime[tiab] OR Weekday[tiab] OR Weeknight[tiab] OR Weekend[tiab] OR "easy access"[tiab] OR "ease of access"[tiab] OR "medicine cabinet"[tiab] OR "using alone"[tiab] OR "use at home"[tiab] OR "solitary use"[tiab] OR "mixing pills"[tiab] OR "pill party"[tiab] OR "pill parties"[tiab] OR "social attachment"[tiab] OR "social attachments"[tiab] OR "risk factors"[tiab] OR "academic environment"[tiab] OR "workplace pressures"[tiab] OR "family pressures"[tiab] OR "injection facility"[tiab] OR "injection facilities"[tiab] OR "injecting facility"[tiab] OR "injecting facilities"[tiab] OR "injection center"[tiab] OR "injection centers"[tiab] OR "injection centre"[tiab] OR "injection centres"[tiab] OR "injecting center"[tiab] OR "injecting centers"[tiab] OR "injecting centre"[tiab] OR "injecting centres"[tiab]))) AND ((("Opioid-Related Disorders"[Mesh] OR ((painkiller[tiab] OR painkillers[tiab] OR heroin[tiab] OR narcotic[tiab] OR narcotics[tiab] OR opiate[tiab] OR opiates[tiab] OR opioid[tiab] OR opioids[tiab] OR fentanyl[tiab] OR phentanyl[tiab]) AND (abuse[tiab] OR use[tiab] OR uses[tiab] OR user[tiab] OR users[tiab] OR using[tiab] OR utilisation[tiab] OR utilization[tiab] OR misuse[tiab] OR illegal[tiab] OR illicit[tiab] OR habit[tiab] OR habitual[tiab] OR disorder[tiab] OR disorders[tiab] OR nonmedical[tiab] OR non-medical[tiab] OR extramedical[tiab] OR extra-medical[tiab] OR overdose[tiab] OR overdoses[tiab]))) AND ((("Adolescent"[Mesh] OR "Young Adult"[Mesh] OR youth[tiab] OR youths[tiab] OR youngster[tiab] OR teenager[tiab] OR teenagers[tiab] OR teen[tiab] OR teens[tiab] OR adolescent[tiab] OR adolescents[tiab] OR adolescence[tiab] OR "young person"[tiab] OR "young persons"[tiab] OR "young people"[tiab] OR "young adult"[tiab] OR "young adults"[tiab] OR "emerging adult"[tiab] OR "emerging adults"[tiab] OR "emerging adulthood"[tiab]))) NOT (gene[tiab] OR genes[tiab] OR genetic[tiab] OR genetics[tiab] OR neural[tiab] OR brain[tiab] OR brains[tiab] OR neurological[tiab]))) NOT (("animals"[MeSH] NOT "humans"[MeSH]))

PsycINFO

(DE "Peers" OR DE "Geography" OR DE "Environment" OR "environmental determinant" OR "environmental determinants" OR "structural determinant" OR "structural determinants" OR Environment OR Environments OR Environmental OR "Macro-social environment" OR "macro-social environments" OR "Micro-social environment" OR "micro-social environments" OR "macro-social context" OR "macro-social contexts" OR "micro-social context" OR "micro-social contexts" OR "Peer

network" OR "peer networks" OR Peer OR Peers OR "social network" OR "social networks" OR "social environment" OR "social environments" OR "social setting" OR "social settings" OR "social context" OR "social contexts" OR "group norm" OR "group norms" OR Friend OR Friends OR location OR Locations OR Geospatial OR Geo-spatial OR "Activity space" OR "Activity spaces" OR Microsystem OR Microsystems OR Context OR contexts OR Contextual OR situational OR Host OR Hosts OR "Adult presence" OR Party OR Parties OR Partying OR Residence OR Residences OR Supervised OR Supervision OR "Small group" OR "Large group" OR "Group composition" OR Home OR Homes OR houses OR House OR "Social Event" OR "social events" OR Ecological OR "Parental presence" OR "parental knowledge" OR "parental monitoring" OR "parental awareness" OR "parental provision" OR Daytime OR Nighttime OR Weekday OR Weeknight OR Weekend OR "regional drug trade" OR "state drug policies" OR "easy access" OR "ease of access" OR "medicine cabinet" OR "using alone" OR "use at home" OR "solitary use" OR "mixing pills" OR "pill party" OR "pill parties" OR "social attachment" OR "social attachments" OR "have fun with friends" OR "relax with friends" OR "experimental use" OR "semi-regular use" OR "peer-based nature" OR "risk factors" OR "academic environment" OR "workplace pressures" OR "family pressures" OR "social nature" OR "using drugs in public") AND (DE "Opiates" OR DE "Buprenorphine" OR DE "Codeine" OR DE "Endogenous Opiates" OR DE "Fentanyl" OR DE "Heroin" OR DE "Morphine" OR DE "Oxycodone" OR DE "Papaverine" OR DE "Opioid Use Disorder" OR DE "Heroin Addiction" OR DE "Morphine Dependence" OR "prescription opioid" OR "prescription opioids" OR "nonmedical prescription opioids" OR NMPO OR "opioid misuse" OR "prescription painkillers" OR Painkillers OR "prescription opioid pain relievers" OR Opioid OR Opioids OR "Opioid analgesic" OR "Opioid analgesics" OR Opiate OR Opiates OR Vicodin OR Percocet OR Fentanyl OR Phentanyl OR Morphine OR "MS Contin" OR Heroin OR Opium OR Oxycodone OR Oxycontin OR Hydrocodone OR Hydrocodon OR Methadone OR Buprenorphine) AND (youth OR youths OR youngster OR teenager OR teenagers OR teen OR teens OR adolescent OR adolescents OR adolescence OR "young person" OR "young persons" OR "young people" OR "young adult" OR "young adults" OR "emerging adult" OR "emerging adults" OR "emerging adulthood") NOT (gene OR genes OR genetic OR genetics OR neural OR brain OR brains OR neurological)

Embase

('peer group'/exp OR 'geographic mapping'/exp OR 'demography'/exp OR 'structural determinant':ti,ab OR 'structural determinants':ti,ab OR environment:ti,ab OR environments:ti,ab OR environmental:ti,ab OR 'macro-social':ti,ab OR 'micro-social':ti,ab OR peer:ti,ab OR peers:ti,ab OR 'social network':ti,ab OR 'social networks':ti,ab OR 'social setting':ti,ab OR 'social settings':ti,ab OR 'social context':ti,ab OR 'social contexts':ti,ab OR 'social event':ti,ab OR 'social events':ti,ab OR 'social nature':ti,ab OR 'social norm':ti,ab OR 'social norms':ti,ab OR 'group norm':ti,ab OR 'group norms':ti,ab OR friend:ti,ab OR friends:ti,ab OR location:ti,ab OR locations:ti,ab OR geospatial:ti,ab OR 'geo spatial':ti,ab OR 'activity space':ti,ab OR 'activity spaces':ti,ab OR microsystem:ti,ab OR microsystems:ti,ab OR context:ti,ab OR contexts:ti,ab OR contextual:ti,ab OR situational:ti,ab OR host:ti,ab OR hosts:ti,ab OR 'adult presence':ti,ab OR party:ti,ab OR parties:ti,ab OR partying:ti,ab OR residence:ti,ab OR residences:ti,ab OR 'small group':ti,ab OR 'large group':ti,ab OR 'group composition':ti,ab OR home:ti,ab OR homes:ti,ab OR houses:ti,ab OR house:ti,ab OR ecological:ti,ab OR 'parental presence':ti,ab OR 'parental knowledge':ti,ab OR 'parental monitoring':ti,ab OR 'parental awareness':ti,ab OR 'parental provision':ti,ab OR daytime:ti,ab OR nighttime:ti,ab OR weekday:ti,ab OR weeknight:ti,ab OR weekend:ti,ab OR 'easy access':ti,ab OR 'ease of access':ti,ab OR 'medicine cabinet':ti,ab OR 'using alone':ti,ab OR 'use at home':ti,ab OR 'solitary use':ti,ab OR 'mixing pills':ti,ab

OR 'pill party':ti,ab OR 'pill parties':ti,ab OR 'social attachment':ti,ab OR 'social attachments':ti,ab
OR 'risk factors':ti,ab OR 'academic environment':ti,ab OR 'workplace pressures':ti,ab OR 'family
pressures':ti,ab OR 'injection facility':ti,ab OR 'injection facilities':ti,ab OR 'injecting facility':ti,ab OR
'injecting facilities':ti,ab OR 'injection center':ti,ab OR 'injection centers':ti,ab OR 'injection centre':ti,ab
OR 'injection centres':ti,ab OR 'injecting center':ti,ab OR 'injecting centers':ti,ab OR 'injecting
centre':ti,ab OR 'injecting centres':ti,ab) AND ('opiate addiction'/exp OR painkiller:ti,ab
OR painkillers:ti,ab OR heroin:ti,ab OR narcotic:ti,ab OR narcotics:ti,ab OR opiate:ti,ab OR opiates:ti,ab
OR opioid:ti,ab OR opioids:ti,ab OR fentanyl:ti,ab OR phentanyl:ti,ab) AND (abuse:ti,ab OR use:ti,ab
OR uses:ti,ab OR user:ti,ab OR users:ti,ab OR using:ti,ab OR utilisation:ti,ab OR utilization:ti,ab
OR misuse:ti,ab OR illegal:ti,ab OR illicit:ti,ab OR habit:ti,ab OR habitual:ti,ab OR disorder:ti,ab
OR disorders:ti,ab OR nonmedical:ti,ab OR 'non medical':ti,ab OR extramedical:ti,ab OR 'extra
medical':ti,ab OR overdose:ti,ab OR overdoses:ti,ab) AND ('adolescent'/exp OR 'young adult'/exp OR
youth:ti,ab OR youths:ti,ab OR youngster:ti,ab OR teenager:ti,ab OR teenagers:ti,ab OR teen:ti,ab OR
teens:ti,ab OR adolescent:ti,ab OR adolescents:ti,ab OR adolescence:ti,ab OR 'young person':ti,ab OR
'young persons':ti,ab OR 'young people':ti,ab OR 'young adult':ti,ab OR 'young adults':ti,ab OR
'emerging adult':ti,ab OR 'emerging adults':ti,ab OR 'emerging adulthood':ti,ab) NOT (gene:ti,ab
OR genes:ti,ab OR genetic:ti,ab OR genetics:ti,ab OR neural:ti,ab OR brain:ti,ab OR brains:ti,ab
OR neurological:ti,ab) NOT ('animals'/exp NOT 'human'/exp)

ProQuest Search

(AB,TI(peer group) OR AB,TI(geographic mapping) OR AB,TI(demography) OR AB,TI(residence
characteristics) OR AB,TI(structural determinant) OR AB,TI(structural determinants)
OR AB,TI(environment) OR AB,TI(environments) OR AB,TI(environmental) OR AB,TI(macro-social)
OR AB,TI(micro-social) OR AB,TI(peer) OR AB,TI(peers) OR AB,TI(social network) OR AB,TI(social
networks) OR AB,TI(social setting) OR AB,TI(social settings) OR AB,TI(social context) OR AB,TI(social
contexts) OR AB,TI(social event) OR AB,TI(social events) OR AB,TI(social nature) OR AB,TI(social norm)
OR AB,TI(social norms) OR AB,TI(group norm) OR AB,TI(group norms) OR AB,TI(friend)
OR AB,TI(friends) OR AB,TI(location) OR AB,TI(locations) OR AB,TI(geospatial) OR AB,TI(geo spatial)
OR AB,TI(activity space) OR AB,TI(activity spaces) OR AB,TI(microsystem) OR AB,TI(microsystems)
OR AB,TI(context) OR AB,TI(contexts) OR AB,TI(contextual) OR AB,TI(situational) OR AB,TI(host)
OR AB,TI(hosts) OR AB,TI(adult presence) OR AB,TI(party) OR AB,TI(parties) OR AB,TI(partying)
OR AB,TI(residence) OR AB,TI(residences) OR AB,TI(small group) OR AB,TI(large group) OR AB,TI(group
composition) OR AB,TI(home) OR AB,TI(homes) OR AB,TI(houses) OR AB,TI(house)
OR AB,TI(ecological) OR AB,TI(parental presence) OR AB,TI(parental knowledge) OR AB,TI(parental
monitoring) OR AB,TI(parental awareness) OR AB,TI(parental provision) OR AB,TI(daytime)
OR AB,TI(nighttime) OR AB,TI(weekday) OR AB,TI(weeknight) OR AB,TI(weekend) OR AB,TI(easy
access) OR AB,TI(ease of access) OR AB,TI(medicine cabinet) OR AB,TI(using alone) OR AB,TI(use at
home) OR AB,TI(solitary use) OR AB,TI(mixing pills) OR AB,TI(pill party) OR AB,TI(pill parties)
OR AB,TI(social attachment) OR AB,TI(social attachments) OR AB,TI(risk factors) OR AB,TI(academic
environment) OR AB,TI(workplace pressures) OR AB,TI(family pressures) OR AB,TI(injection facility) OR
AB,TI(injection facilities) OR AB,TI(injecting facility) OR AB,TI(injecting facilities) OR AB,TI(injection
center) OR AB,TI (injection centers) OR AB,TI (injection centre) OR AB,TI(injection centres) OR
AB,TI(injecting center) OR AB,TI(injecting centers) OR AB,TI(injecting centre) OR AB,TI(injecting
centres)) AND ((AB,TI(opiate addiction) OR AB,TI(opioid-related disorders) OR AB,TI(painkiller)
OR AB,TI(painkillers) OR AB,TI(heroin) OR AB,TI(narcotic) OR AB,TI(narcotics) OR AB,TI(opiate) OR

AB, TI(opiates) OR AB, TI(opioid) OR AB, TI(opioids) OR AB, TI(fentanyl) OR AB, TI(phentanyl)) AND (AB, TI(abuse) OR AB, TI(use) OR AB, TI(uses) OR AB, TI(user) OR AB, TI(users) OR AB, TI(using) OR AB, TI(utilisation) OR AB, TI(utilization) OR AB, TI(misuse) OR AB, TI(illegal) OR AB, TI(illicit) OR AB, TI(habit) OR AB, TI(habitual) OR AB, TI(disorder) OR AB, TI(disorders) OR AB, TI(nonmedical) OR AB, TI(non medical) OR AB, TI(extramedical) OR AB, TI(extra medical) OR AB, TI(overdose) OR AB, TI(overdoses))) AND (AB, TI(youth) OR AB, TI(youths) OR AB, TI(youngster) OR AB, TI(teenager) OR AB, TI(teenagers) OR AB, TI(teen) OR AB, TI(teens) OR AB, TI(adolescent) OR AB, TI(adolescents) OR AB, TI(adolescence) OR AB, TI(young person) OR AB, TI(young persons) OR AB, TI(young people) OR AB, TI(young adult) OR AB, TI(young adults) OR AB, TI(emerging adult) OR AB, TI(emerging adults) OR AB, TI(emerging adulthood)) NOT (AB, TI(gene) OR AB, TI(genes) OR AB, TI(genetic) OR AB, TI(genetics) OR AB, TI(neural) OR AB, TI(brain) OR AB, TI(brains) OR AB, TI(neurological))

Cochrane Central

((("Peer Group" or "Geographic Mapping" or "Residence Characteristics").sh. or ("structural determinant".ti,ab. or "structural determinants".ti,ab. or Environment.ti,ab. or Environments.ti,ab. or Environmental.ti,ab. or "Macro-social".ti,ab. or "micro-social".ti,ab. or Peer.ti,ab. or Peers.ti,ab. or "social network".ti,ab. or "social networks".ti,ab. or "social setting".ti,ab. or "social settings".ti,ab. or "social context".ti,ab. or "social contexts".ti,ab. or "social event".ti,ab. or "social events".ti,ab. or "social nature".ti,ab. or "social norm".ti,ab. or "social norms".ti,ab. or "group norm".ti,ab. or "group norms".ti,ab. or Friend.ti,ab. or Friends.ti,ab. or Location.ti,ab. or Locations.ti,ab. or Geospatial.ti,ab. or Geo-spatial.ti,ab. or "Activity space".ti,ab. or "Activity spaces".ti,ab. or Microsystem.ti,ab. or Microsystems.ti,ab. or Context.ti,ab. or contexts.ti,ab. or Contextual.ti,ab. or Situational.ti,ab. or Host.ti,ab. or Hosts.ti,ab. or "Adult presence".ti,ab. or Party.ti,ab. or Parties.ti,ab. or Partying.ti,ab. or Residence.ti,ab. or Residences.ti,ab. or "Small group".ti,ab. or "Large group".ti,ab. or "Group composition".ti,ab. or Home.ti,ab. or Homes.ti,ab. or houses.ti,ab. or House.ti,ab. or Ecological.ti,ab. or "Parental presence".ti,ab. or "parental knowledge".ti,ab. or "parental monitoring".ti,ab. or "parental awareness".ti,ab. or "parental provision".ti,ab. or Daytime.ti,ab. or Nighttime.ti,ab. or Weekday.ti,ab. or Weeknight.ti,ab. or Weekend.ti,ab. or "easy access".ti,ab. or "ease of access".ti,ab. or "medicine cabinet".ti,ab. or "using alone".ti,ab. or "use at home".ti,ab. or "solitary use".ti,ab. or "mixing pills".ti,ab. or "pill party".ti,ab. or "pill parties".ti,ab. or "social attachment".ti,ab. or "social attachments".ti,ab. or "risk factors".ti,ab. or "academic environment".ti,ab. or "workplace pressures".ti,ab. or "family pressures".ti,ab. or "injection facility".ti,ab. or "injection facilities".ti,ab. or "injecting facility".ti,ab. or "injecting facilities".ti,ab. or "injection center".ti,ab. or "injection centers".ti,ab. or "injection centre".ti,ab. or "injection centres".ti,ab. or "injecting center".ti,ab. or "injecting centers".ti,ab. or "injecting centre".ti,ab. or "injecting centres".ti,ab.)) and ((("Opioid-Related Disorders".sh. or (painkiller or painkillers or heroin or narcotic or narcotics or opiate or opiates or opioid or opioid or fentanyl or phentanyl).ti,ab.) and (abuse or "use" or uses or user or users or using or utilisation or utilization or misuse or illegal or illicit or habit or habitual or disorder or disorders or nonmedical or "non-medical" or extramedical or "extra-medical" or overdose or overdoses).ti,ab.) and ((("Adolescent" or "Young Adult").sh. or (youth or youths or youngster or teenager or teenagers or teen or teens or adolescent or adolescents or adolescence or "young person" or "young persons" or "young people" or "young adult" or "young adults" or "emerging adult" or "emerging adults" or "emerging adulthood").ti,ab.) not ((gene

or genes or genetic or genetics or neural or brain or brains or neurological).ti,ab.) not (("animals" not "humans").sh.)