Prevention of crime and violence: evidence based crime prevention – a public health imperative

John Middleton

Vice President, UK Faculty of Public Health
Honorary Reader in Public Health Birmingham University
Experience of 18 years working with the ‘Safer Sandwell’ crime and disorder partnership

• What works? And why does it matter

• The Campbell collaboration

• West Midlands Crimegrip®

• Knowledge transfer in the Collaboration for applied health research (CLARHC)

• What should the police expect from health?

• And what should health expect from the police?
Research evidence

- 1 Meta-analysis/ systematic reviews
- 2a Single randomised, controlled trial
  - 2b Controlled studies
- 3 Observational studies
  - 4 Informed opinions
Why evidence based policy?

Things we do can do harm as well as good
DR. BENJAMIN SPOCK

BABY AND CHILD CARE

The most widely recommended handbook for parents ever published—Authoritative, illustrated, indexed

Over 19,000,000 copies sold
Figure 3: Sudden Infant Death (SID) incidence (live birth to one year) by quarter. England and Wales 1980-1995

Reduce the Risk Campaign
Chart 13
3-year cumulative infant mortality rates 1985-1999
Sandwell, West Midlands Region and England & Wales
Campbell collaboration

International review of best available research evidence on most effective social and educational interventions to prevent crime and improve educational, social and health outcomes

www.campbellcollaboration.org
West Midlands Crimegrip

• Early years interventions
• Mild to moderate behaviour disturbance in children
• Peer education and interactive education programmes of drugs education
• Harm reduction approaches to drug treatment and rehabilitation
• Cognitive behavioural approaches to offender rehabilitation
  • Streetlighting
  • CCTV
• Restorative justice
• Alcohol brief interventions
  • Scared straight
Teenage pregnancy and social disadvantage: systematic review integrating controlled trials and qualitative studies

BMJ 2009; 339 doi: 10.1136/bmj.b4254 (Published 12 November 2009)
Cite this as: BMJ 2009;339:b4254

Adolescent health  Child health  Clinical trials (epidemiology)  Epidemiology
Obstetrics and gynaecology  Paediatrics
More topics

Angela Harden, professor of community and family health, Ginny Brunton, research officer, Adam Fletcher, lecturer in young people’s health, Ann Oakley, professor of sociology and social policy
Data from the High/Scope Perry preschool project. Bars represent percentage in each of the two groups. The difference in major educational performance findings between program and non-program children is significant.
Further data from the High/Scope Perry preschool project. Benefits from the program continue to be seen in adulthood. Bars represent percentages of each of the groups. The difference between program and non-program children is significant.
In education, Highscope:

‘If it was a drug, it would be unethical not to use it’
Trials of the NFP in USA

Elmira, NY 1977
- Low-income whites
- Semi-rural
N = 400

Memphis, TN 1987
- Low-income blacks
- Urban
N = 1,138

Denver, CO 1994
- Large portion of Hispanics
- Nurse versus paraprofessional visitors
N = 735
The Effectiveness of Early Childhood Home Visitation in Preventing Violence
A Systematic Review

Oleg Bilukha, MD, PhD, Robert A. Hahn, PhD, MPH, Alex Crosby, MD, MPH, Mindy T. Fullilove, MD, Akiva Liberman, PhD, Eve Moscicki, ScD, MPH, Susan Snyder, PhD, Farris Tuma, ScD, Phaedra Corso, PhD, Amanda Schofield, MPH, Peter A. Briss, MD, MPH, Task Force on Community Preventive Services

juveniles. The Task Force recommends early childhood home visitation for preventing child abuse and neglect, on the basis of strong evidence of effectiveness. The Task Force found insufficient evidence to determine the effectiveness of early childhood home visitation in preventing violence by visited children, violence by visited parents (other than child abuse and neglect), or intimate partner violence in visited families. This report
Parenting interventions for mild to moderate behaviour disturbance

Small changes, big differences.

Parenting now comes with an instruction manual!

Whether you’re a parent, a practitioner or an organisation that works with parents, the international award winning Triple P – Positive Parenting Program®, backed by over 30 years of clinically proven, worldwide research, has the answers to your parenting questions and needs. How do we know? Because we’ve listened to and worked with thousands of parents and professionals across the world. We have the knowledge and evidence base to prove that Triple P works for many different families. In many different ways.

FOR PARENTS

TRIPLE P - FAST FACTS

Triple P is a system of easy to implement, proven parenting solutions that helps solve current parenting problems and prevents future problems before they arise.
Parent education programmes for children's behaviour problems. Medium to long term effectiveness

Caroline Dimond and Chris Hyde

Department of Public Health and Epidemiology
West Midlands Development and Evaluation Service

DECEMBER 1999
Crimegrip® reports:

Less clear evidence

• Youth services interventions
Crimegrip® report: Youth programmes

Big brother, big sister; Quantum opportunities programme

The level of commitment and caring nature of staff on programmes. Together with the degree of personal contact and skill at relating to adolescents.

- Programmes incorporating more elements of the youth development framework show more positive outcomes.
- Young people should be involved in programme design from idea generation to implementation.

- The programme activities should have a creative output. For example, a performance, team record or newspaper.

- Crucial dimensions of programmes are the quality of adult-adolescent relationships, family involvement and skill development.

- Youth development programmes should be supported by staff training, certification programmes, and regional professional development centres.
Crimegrip® report: youth programmes

The longer young people participate in programmes, and the greater the duration of the programmes themselves, the better the outcome.

• Let the young people drive the pace and activities. Do not attempt to change the “mentee”.
• Young people are seen as resources to be developed, not as problems to be managed
  • Programmes should create family-like environments in which adolescents feel safe and contain facilities which are perceived as “places of hope”.
  • Programmes should have opportunities for active participation and set adolescents real challenges

Peer education role
Drugs education programmes (Tobler and Stratton review)

Young people are seen as resources to be developed, not as problems to be managed.

Programmes should have opportunities for active participation and set adolescents real challenges.

Peer education role
Drug video's shock tactics 'won't work'
Scenes of a student's death could backfire

Jason Burke and Tony Thompson
The Observer, Sunday 3 March 2002

It was shaping up to be a slow week at the Hereford Times. A charity shop had been redecorated, a woman had her handbag stolen, and the usual mix of local news and opinion was being assembled for the weekly edition.
So when a 22-minute anti-drugs video produced for the local education authority arrived, it caught the attention.

A year earlier the paper had run a story appealing for families who had suffered from drug addiction to contact a local video production company. The project had been all but forgotten.

But within days the tragic tale of Rachel Whitear's descent into heroin addiction and her sordid death in a rented room in Exmouth was known to millions. With pictures of her body reproduced everywhere, the 21-year-old took her place in a very public gallery, alongside Leah Betts and Lorna Spinks.

They were all pretty, talented young women killed by drugs, and in each case parents had, despite the pain, sanctioned the use of pictures in a bid to deter others from following in their footsteps.
Another heroin chic look of Kate Moss by Corinne Day. It was Corinne Day's style of taking picture. Usually in a dirty apartment and showing a very heavy drug user.

Heroin UK: How heroin-chic culture came to the high street

JOHN DAVISON | Tuesday 11 May 1999

THE SWOOPING, wailing sax of Charlie "Bird" Parker in the late 1940s was the first product of heroin-influenced popular culture that the West, albeit uneasily, had to deal with. And like so many in its Kafkaesque milieu, it has now come to the high street.

As heroin use reached the height of its popularity in the mid-1970s, heroin chic was born. It was an aesthetic that embraced the gritty, the dirty, and the drug. Kate Moss, the model who helped popularize it, was often seen in public with a syringe in her hand.

The heroin chic look was characterized by a kind of casual, disheveled style, with a focus on dark, textured fabrics and a generally unkempt appearance. It was a look that was often associated with the lower echelons of society, and it quickly became a symbol of rebellion and non-conformity.

But despite its origins in the drug culture, heroin chic did not last long. By the late 1970s, it had become a laughing stock, with many people associating it with the decline of the West's moral fabric.

Today, heroin chic has made a comeback, with fashion designers and retailers alike embracing the look. But this time, it is a more refined and sophisticated version of the original, with a focus on high-end fabrics and luxury details.

The heroin chic look is now seen as a symbol of sophistication and exclusivity, rather than the dirty, degraded image it once carried. And as such, it has found a new place on the high street, where it is still a popular choice for those who want to make a statement.
No: ‘Scared straight’
No: didactic drugs education lectures in schools by uniformed staff eg. ‘DARE’
No: driver education for under 17s
No: CCTV - except for car parks!
"Scared Straight" and Other Juvenile Awareness Programs for Preventing Juvenile Delinquency

Anthony Petrosino, Carolyn Turpin Petrosino, John Buehler
Randomized trials of ‘Scared Straight’ programmes (Petrosino et al 2002)

<table>
<thead>
<tr>
<th>Trial</th>
<th>Change in criminal behaviour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michigan 1967</td>
<td>26 % increase</td>
</tr>
<tr>
<td>Greater Egypt 1979</td>
<td>5 % increase</td>
</tr>
<tr>
<td>Yarborough 1979</td>
<td>1 % increase</td>
</tr>
<tr>
<td>Orchowsky 1981</td>
<td>2 % increase</td>
</tr>
<tr>
<td>Vreeland 1981</td>
<td>11 % increase</td>
</tr>
<tr>
<td>Finckenauer 1982</td>
<td>30 % increase</td>
</tr>
<tr>
<td>Lewis 1983</td>
<td>14 % increase</td>
</tr>
</tbody>
</table>
Review: "Scared Straight" and other juvenile awareness programs for preventing juvenile delinquency

Comparison: J1 Intervention versus Control, Crime Outcome

Outcome: J1 Post-intervention - group recidivism rates - official measures only (fixed effects)

<table>
<thead>
<tr>
<th>Study</th>
<th>Treatment n/N</th>
<th>Control n/N</th>
<th>Odds Ratio (Fixed)</th>
<th>Upper 95% CI</th>
<th>Lower 95% CI</th>
<th>Weight (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finckenauer 1982</td>
<td>19/46</td>
<td>4/35</td>
<td></td>
<td></td>
<td></td>
<td>5.1</td>
</tr>
<tr>
<td>GERPDC 1979</td>
<td>16/94</td>
<td>8/67</td>
<td></td>
<td></td>
<td></td>
<td>14.7</td>
</tr>
<tr>
<td>Lewis 1983</td>
<td>43/53</td>
<td>37/55</td>
<td></td>
<td></td>
<td></td>
<td>13.0</td>
</tr>
<tr>
<td>Orchowski 1981</td>
<td>16/39</td>
<td>16/41</td>
<td></td>
<td></td>
<td></td>
<td>17.5</td>
</tr>
<tr>
<td>Weelarc 1981</td>
<td>14/39</td>
<td>11/40</td>
<td></td>
<td></td>
<td></td>
<td>13.2</td>
</tr>
<tr>
<td>Yarborough 1976</td>
<td>27/37</td>
<td>17/90</td>
<td></td>
<td></td>
<td></td>
<td>31.3</td>
</tr>
<tr>
<td>Total</td>
<td>147/436</td>
<td>98/353</td>
<td></td>
<td></td>
<td></td>
<td>100.0</td>
</tr>
</tbody>
</table>

Test for heterogeneity chi-square = 8.50 d.f=5 p=0.2039
Test for overall effect = 3.01 p=0.003
Pupils to ‘do time’ for a day

Porridge will be on the menu for 170 youngsters at a Cradley school when they take part in a crime awareness day.

Year ten pupils at Cradley High School will be experiencing a taste of life behind bars when prison staff and their guard dogs transform the school into a jail.

The project run by Prison, Me – No Way, a charity run by serving prison officers, aims to stop young people ending up in custody.
Police target children playing in street

HOPSCOTCH CRIME SHOCK

By Richard Williams

TWO Black Country schoolgirls have been left hopping mad — after they were nabbed by police who ordered them to scrub out their hopscotch grids from the pavement.

Friends Georgina Smallwood and Kayleigh Mangan, both 14, had chalked five hopscotch grids onto the path as a way of passing the time during the school holiday.

But following a complaint, two Police Community Support Officers (PCSOs) frogmarched them off to fetch a bucket of water.

The girls were ordered to clean all but one of the grids off and were told they had committed a “low-level crime”.

Youngsters in Spring Street, Halesowen, had received a letter from police last month warning them not to play with paint games.

The letter said hopscotch and other old-fashioned traditional games, such as jacks and spinning tops, would be permitted.

Georgina said: “Me and my friend Kayleigh drew a hopscotch grid on the pavement but the next day the police came down and told us there had been some complaints.”

More patients being treated as beds close

Hospital bosses today insisted they were treating more patients than ever — despite a loss of 100 beds.

Chiefs at Sandwell and City hospitals plan to save £20 million this year in order to break even financially by the end of 2005/06.

The hospitals will have to axe 800 jobs they will also eventually need to halve the number of beds if a proposed new hospital in Smethwick to replace the two gets the go-ahead.

Today Sandwell and West Birmingham Hospitals NHS Trust said it was treating more patients than ever.

Sex sale case bail

A Sandwell councillor has been re-bailed by police today over an allegation that he tried to sell a woman for sex.

Former Conservative deputy leader Alan Burkitt, 45, of West Heathdale Park, Sandwell, was arrested at his home last month after being accused of trying to sell a woman for sex.

Mrs Burkitt, said: “The council is being completely two-faced. Andrew gives up his time to attend meetings to help kids the pipes on behalf of the council and this is how he is treated.”

Playing the bagpipes is an ASBO offence, young musician told

ANDREW TOLMIE

A COUNCIL has told a schoolboy to pipe down or face an anti-social behaviour order after neighbours in his well-to-do street complained about the sound of his bagpipes.

Ironically, Renfrewshire Council had earlier invited Andrew Caulfield, 13, to take part in a £30,000 initiative to encourage youngsters to take up the pipes.

Andrew's mother, Elaine, was handed the warning yesterday after the council ruled the "noise" from his pipes constituted a public nuisance.

Elaine said: "If Andrew's not allowed to practice outdoors, they would confiscate his bagpipes and fine him £50.

Mrs Caulfield, 49, from Paisley, said: "The council is being completely two-faced. Andrew gives up his free time at school to teach kids the pipes on behalf of the council and this is how he is treated.

"They invited Andrew to play at the Paisley Cenotaph Remembrance Sunday and then said he had to stop piping Santa into the town when the Christmas lights were turned on. All that, and then they send me a letter headed 'Anti-Social Behaviour' saying if he continues to practise at his own home we face a noisy nuisance order. It's disgraceful."

Mrs Caulfield, a council job...
West Midlands Police

DISPERAL OF GROUPS
ANTI-SOCIAL BEHAVIOUR ACT 2003

AUTHORISATION NOTICE

Authorisation for the Dispersal of Groups has been given by Superintendent Bebbington of the West Midlands Police in consultation with Sandwell Metropolitan Borough Council. This order relates to Warley Woods area from Lightwoods Hill towards Harbourne Road, right onto Norman Road, then onto Thimblemill Road, through Wigorn Road back up to Lightwoods Hill and all roads contained within this area. Also both sides of the boundary roads as defined by the map below. The grounds for making this order being that this area has been identified as a locality suffering from significant and persistent problems of anti-social behaviour caused by groups of two or more persons.

POWERS TO DISPERSE GROUPS UNDER THIS AUTHORITY SHALL BE EXERCISABLE FROM 1st April 2006 to 1st October 2006

This means that in the locality specified above, and during the period stated a constable in uniform can give directions where there are reasonable grounds for believing that the presence or behaviour of a group or two or more persons in any public place has resulted or is likely to result in any members of the public being intimidated, harassed, alarmed or distressed. Persons in the group can be directed to disperse and/or leave the locality. Also between 9.00pm and 0.00am persons reasonably to be under the age of 16, and not under the effective control of a parent or responsible adult, can be taken back to their place of residence. It is an offence to fail to comply with a constable's direction, and the offender can be arrested for the offence without a warrant.
The Observer 20th June 2010

The ‘mosquito’ is used to deter gangs of youths hanging around outside shops.
West Midlands Crime GRIP Project

Getting Research Into Practice that Reduces Crime and Improves Health

Crime GRIP disseminates and encourages implementation of evidenced-based interventions that simultaneously reduce crime and improve health; the evidence being obtained from critically appraised systematic reviews. Systematic reviews attempt to combine the results of many individual trials of a given intervention.
Two-month crime spree ends in jail sentence

£25,000 haul of drug habit thief

A West Bromwich man stole nearly £25,000 in two months in a string of burglaries and thefts to finance a drug habit, a court heard.

Robert Morris admitted burgling two homes on three occasions and stealing two cars when he appeared at Wolverhampton Crown Court yesterday. Morris, aged 21, of Cold Lane, Hill Top, also asked for another 15 offences of burglary and taking without consent to be taken into consideration.

Recorder Mr Roger Smith jailed Morris for 30 months consecutively for each of the burglaries and two cars.
Composite magnitude of the experimental effect (r) of MMT on outcomes

Synthesis of individual study effects sizes from the meta-analysis

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Effects Size</th>
<th>Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illicit opiate use</td>
<td>0.4</td>
<td>11</td>
</tr>
<tr>
<td>Drug related crime</td>
<td>0.9</td>
<td>2</td>
</tr>
<tr>
<td>Drug/property crime</td>
<td>0.3</td>
<td>3</td>
</tr>
<tr>
<td>Drug/non-drug crime</td>
<td>0.2</td>
<td>14</td>
</tr>
</tbody>
</table>

HIV risk behaviours

Marsch Addiction 1997
Domestic Burglary Trend 2001-2004

100% increase in numbers in treatment from 400-800; > 30% fall in domestic burglary in 2004-05
Numbers in treatment and acquisitive crime Apr 2007 to Oct 2010 (corresponding month)

$y = -0.283x + 754.63$

$R^2 = 0.1273$
Alcohol in the West Midlands
Alcohol – what works?

- Good information systems
- Shared intelligence applied to licensing decisions

**Alcohol brief interventions**

**Random static roadside breath testing**

**Combined interventions of the Holder Community Trial namely**

- Responsible beverage training for bar staff
- Restriction on under age sales
- School and community alcohol education programmes
- Drink driving controls
- Point of sale and labelling alcohol information

**Increasing real price of alcohol**

**Minimum unit price of alcohol**

**National restrictions on watershed advertising and alcohol sponsorship**

**National or international alcohol information labelling**
Public Health England centre area - West Midlands

Return to the map to choose another profile

Change Profile Area

You are viewing profile data for Sandwell.
To change the area, please choose an option from the dropdown menu below:

- Sandwell

Chart

The chart shows Sandwell's measure for each indicator, as well as the regional and England averages and range of all local authority values for comparison purposes.

- **Months of life lost - males**
  - **Months of life lost - females**
  - **Alcohol-specific mortality - males**
  - **Alcohol-specific mortality - females**

Show/hide interquartile range
All crimes alcohol related

Woundings alcohol related

Violence 9pm-2 am
Crime

Alcohol-related recorded crimes

Alcohol-related violent crimes

Alcohol-related sexual offences
72% of assaults have a specific geographical reference (70% is the benchmark set by College of Emergency Medicine)

<table>
<thead>
<tr>
<th>Top venues by venue name</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pig and Trumpet (Wednesbury)</td>
<td>15</td>
<td>0.5%</td>
</tr>
<tr>
<td>Turks Head (Wednesbury)</td>
<td>11</td>
<td>0.4%</td>
</tr>
<tr>
<td>Lounge (Tipton)</td>
<td>10</td>
<td>0.4%</td>
</tr>
<tr>
<td>Royal Oak (Dudley Port)</td>
<td>9</td>
<td>0.3%</td>
</tr>
<tr>
<td>Ashbury Tavern (Great Barr)</td>
<td>8</td>
<td>0.3%</td>
</tr>
<tr>
<td>Busbys (West Bromwich)</td>
<td>7</td>
<td>0.2%</td>
</tr>
<tr>
<td>Explosions (West Bromwich)</td>
<td>7</td>
<td>0.2%</td>
</tr>
<tr>
<td>Desi Masala (West Bromwich)</td>
<td>7</td>
<td>0.2%</td>
</tr>
<tr>
<td>Hargate Inn (West Bromwich)</td>
<td>6</td>
<td>0.2%</td>
</tr>
<tr>
<td>Stone Cross Inn (West Bromwich)</td>
<td>6</td>
<td>0.2%</td>
</tr>
<tr>
<td>Woden Inn (Wednesbury)</td>
<td>6</td>
<td>0.2%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top streets (where assault took place)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>High Street (West Bromwich)</td>
<td>101</td>
<td>3.6%</td>
</tr>
<tr>
<td>Broad Street (Birmingham)</td>
<td>45</td>
<td>1.6%</td>
</tr>
<tr>
<td>Market Place (Wednesbury)</td>
<td>27</td>
<td>1.0%</td>
</tr>
<tr>
<td>Newton Road (Sandwell Valley/Great Barr)</td>
<td>21</td>
<td>0.7%</td>
</tr>
<tr>
<td>Walsall Road (Stone Cross)</td>
<td>18</td>
<td>0.6%</td>
</tr>
<tr>
<td>Beacon View Road (Charlemont Farm)</td>
<td>16</td>
<td>0.6%</td>
</tr>
<tr>
<td>All Saints Way (Sandwell Valley)</td>
<td>16</td>
<td>0.6%</td>
</tr>
<tr>
<td>Hydes Road (Hateley Heath)</td>
<td>14</td>
<td>0.5%</td>
</tr>
<tr>
<td>Hallam Street (Sandwell Valley)</td>
<td>13</td>
<td>0.5%</td>
</tr>
<tr>
<td>Holyhead Road (Sandwell Valley/Handsworth)</td>
<td>12</td>
<td>0.4%</td>
</tr>
<tr>
<td>Wolverhampton Road (Oldbury)</td>
<td>11</td>
<td>0.4%</td>
</tr>
</tbody>
</table>
Shops banned from selling alcohol near London's booze emergency hotspots

Supermarkets and off licences are being banned from selling alcohol in areas where ambulances are frequently called to drink-related emergencies.
UK Responsibility deal has failed to deliver - control of advertising and marketing to young people

Been used to delay regulatory and fiscal actions - increasing real price of alcohol

Bringing in minimum unit price as has been done now in British Columbia, Saskatchewan and soon in South Africa
Crime prevention effects of closed circuit television: a systematic review

Brandon C. Welsh and David P. Farrington

The views expressed in this report are those of the authors, not necessarily those of the Home Office (nor do they reflect Government policy).

Home Office Research, Development and Statistics Directorate
August 2002
CCTV: How we are snapped 300 times a day

Liberty, the human rights group, is unhappy with the expansion of CCTV systems in Britain capturing the public’s everyday movements.

WAYS OF WATCHING YOU

WAYS OF WATCHING YOU

WAYS OF WATCHING YOU

WAYS OF WATCHING YOU

WAYS OF WATCHING YOU
Ajuntament de Barcelona

Zona vigilada
en un radi de 500 m

Plaça de
George Orwell

Pl. George Orwell
‘Evidence-based crime reduction’ further actions

- Home visiting expansion and support for young parents (the Family Nurse Partnership)
- Environmental designing out crime and the Sandwell Healthy urban Development Unit
  - 20 mph zones
- Domestic violence strategy and investment
- Shared protocols for domestic violence, drug and alcohol and children’s safeguarding
- Multiagency safeguarding hub
- ‘Hotspots policing’ - ‘tasking’?
Joint Protocols for Children and Family Services and Substance Misuse Services

Practice Guidance: Safeguarding Children affected by Parent/carers Substance Misuse

October 2012
UTOPIA ON TRIAL
VISION AND REALITY IN PLANNED HOUSING

ALICE COLEMAN
Supplementary Planning Guidance on Community Safety
Coming soon to a sidestreet near you... the 20mph speed camera

Road safety groups welcome moves to cut deaths caused by speeding...

"speed cameras do save lives," said Peter Hendy, managing director of surface transport at Mayor Ken Livingstone’s agency, Transport for London (TfL). "Traffic - especially motorists decliners in seat belt wearing associated with mobile phone users has been that cameras in the road decrease speed..."
Sandwell - Sandwell Healthy Urban Development Unit

Summary

Sandwell Council and Sandwell Primary Care Trust (PCT) have created the Sandwell Healthy Urban Development Unit (SHUDU). This is a forum for officers and members to coordinate and integrate spatial planning and efforts to reduce health inequalities.

Background

A range of health indicators shows Sandwell fares worse - and sometimes much worse - than the English average. These include as deprivation, child obesity and early deaths from heart disease. This poor health profile was the catalyst for Sandwell Council and Sandwell PCT to submit a joint bid for Healthy Town funding for a Sandwell Healthy Urban Development Unit (SHUDU) in 2008.

While the bid narrowly failed, the application process built up a momentum for joint working between spatial and transport planners at the council and public health staff at the PCT.
Neighbourhood policing:

- Real time information
- Neighbourhood tasking
- Prompt response to Anti-social behaviour and
- Environmental crime
Birmingham /Warwick Collaboration for Leadership in Applied Health Research and Care

Knowledge management strand-getting research into practice
‘Evidence-based crime reduction’ : next steps

- Reactivate Crimegrip® through knowledge management strand of CLARHC?
- Create a crime, social welfare and education, ‘healthy public policy’ trials unit?
- Sandwell test for multiagency safeguarding hub
- Sandwell commitment to high quality trial on universal parenting offer
- Sandwell commitment to domestic violence strategy with arrest, victim and perpetrator services
Mindfulness can relieve stress

This user abstract presents the following Campbell systematic review: de Vibe M, Bjørndal A, Tipton E, Hammerstrøm KT, Kowalski K. Mindfulness based stress reduction (MBSR) for improving health, quality of life and social functioning in adults.
Effects of Cognitive-Behavioral Programs for Criminal Offenders

Mark W. Lipsey, Nana A. Landenberger, Sandra J. Wilson
Prof Cynthia Lum, George Mason University, Virginia Crime
 Evidence based policing matrix

Strategy: Adolescent substance abuse prevention program

Matrix Dimensions:
- X-axis: Individuals
- Y-axis: General
- Z-axis: Highly Proactive

Results: Statistically significant backfire- Main effect analyses show a negative program effect for use of alcohol and cigarettes and no effect for marijuana use.

Methodological Rigor: Highly rigorous- randomized experiment

Abstract (from authors): Objectives: The purpose of the study was to determine whether a universal school-based substance abuse prevention program, Take Charge of Your Life (TCYL), prevents or reduces the use of tobacco, alcohol, or marijuana. Methods: Eighty-three school clusters (representing school districts) from six metropolitan areas were randomized to treatment (41) or control (42) conditions. Using active consenting procedures, 19,529 seventh graders were enrolled in the 5-year study. Self-administered surveys were completed by the students annually. Trained Drug Abuse Resistance Education (D.A.R.E.) police officers presented TCYL in seventh and ninth grades in treatment schools. Analyses were conducted with data from 17,320 students who completed a baseline survey. Intervention outcomes were measured using self-reported past-month and past-year use of tobacco, alcohol, and marijuana when students were in the 11th grade. Results: Main effect analyses show a negative program effect for use of alcohol and cigarettes and no effect for marijuana use. Subgroup analyses indicated that the negative effect occurred among nonusers at baseline, and mostly among white students of both genders. A positive program effect was found for students who used marijuana at baseline. Two complementary papers explore the relationship of the targeted program mediators to the use of alcohol, tobacco, and marijuana and specifically for students who were substance-free or who used substances at baseline. Conclusions: The negative impact of the program on baseline nonusers of alcohol and tobacco indicate that TCYL should not be delivered as a universal prevention intervention. The finding of a beneficial effect for baseline marijuana users further supports this conclusion. The programmatic and methodological challenges faced by the Adolescent Substance Abuse Prevention Study (ASAPS) and lessons learned offer insights for prevention researchers who will be designing similar randomized field trials in the future.
Supt Howard Veigas, Head of Community Safety Derbyshire police

http://www.youtube.com/watch?v=R11zFPYP7fg&feature=player_embedded

Alex Murray
@SolPolCommander
Responsible for policing Solihull, West Midlands Police, I am passionate about building social action and founded the society for evidence based policing.

http://sebp.police.uk
North west Public Health Observatory, Liverpool John Moores University. Mark Bellis et al
Thank you
John Middleton

vppolicy@fph.org.uk
Acknowledgements, declaration of interests

- John Middleton has been supported in this work by grants from the West Midlands Branch of the Home Office 2001-2005; the National Institute of Health Research through the Collaboration for Leadership in Applied Health Research and Care (CLARHC) 2008-2014, and through the funding and support of Sandwell primary care trust, Sandwell Metropolitan Borough Council and West Midlands Police in Safer Sandwell Partnership.

- The views expressed are his own.

- Thanks to Prof Richard Lilford, Sir Iain Chalmers, Gavin Butler formerly WM Home Office and all those involved in Crimegrip, CLARHC and the Safer Sandwell Partnership.
Appendix

References, alcohol related slides and other support material for interest
TO PROVIDE 100% COVERAGE OF THE MARKED PARKING SPACES ACROSS ALL CAR PARKS OWNED BY LONDON UNDERGROUND LIMITED

58 out of 60 car parks had 100% coverage of all marked spaces. In order to obtain a clear view of the car registration number each entrance and exit was also covered.

TO REDUCE VEHICLE CRIME IN THE CAR PARKS BY 55% BY MARCH 2003

Vehicle crime had reduced by 73% one year after implementation and this was largely achieved by March 2003.

Vehicle crime reduced steadily as more car parks introduced the system, suggesting the installation of CCTV was responsible for the reduction of vehicle crime.

CCTV was more effective in those car parks that had the highest ratio of crimes per parking spaces before the cameras were installed (80% reduction), and less effective where the crime levels were already low (37%).
Crimegrip® review alcohol and brief interventions

i) Wilk A, Jenson N, Havighurst, T.

ii) Poikolainen K.
"Effectiveness of Brief Interventions to Reduce Alcohol Intake in Primary Care Populations; A Meta-analysis" Preventive Medicine 1999; 28: 503-9

iii) Beich A, Thorsen T, Rollnick S.
"Screening in Brief Intervention Trials Targeting Excessive Drinkers in General Practice; Systematic Review and Metaanalysis” BMJ 2003; 327
Public Health England centre area - West Midlands

You are viewing profile data for Sandwell.

To change the area, please choose an option from the dropdown menu below:

- Sandwell

Chart

The chart shows Sandwell's measure for each indicator, as well as the regional and England averages and range of all local authority values for comparison purposes.

Show/hide interquartile range

- Months of life lost - males
  - Sandwell: 83
- Months of life lost - females
  - Sandwell: 83
- Alcohol-specific mortality - males
  - Sandwell: 83
- Alcohol-specific mortality - females
  - Sandwell: 83
All crimes alcohol related

Woundings alcohol related

Violence 9pm-2 am
Effectiveness of anonymised information sharing and use in health service, police, and local government partnership for preventing violence related injury: experimental study and time series analysis

Curtis Florence, senior health economist,1 Jonathan Shepherd, professor of oral and maxillofacial surgery and research group director,2 Iain Brennan, lecturer,3 Thomas Simon, associate director for science1
Shops banned from selling alcohol near London's booze emergency hotspots

Supermarkets and off licences are being banned from selling alcohol in areas where ambulances are frequently called to drink-related emergencies.
### Sandwell last drink survey 2013

72% of assaults have a specific geographical reference (70% is the benchmark set by College of Emergency Medicine)

<table>
<thead>
<tr>
<th>Top venues by venue name</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pig and Trumpet (Wednesbury)</td>
<td>15</td>
<td>0.5%</td>
</tr>
<tr>
<td>Turks Head (Wednesbury)</td>
<td>11</td>
<td>0.4%</td>
</tr>
<tr>
<td>Lounge (Tipton)</td>
<td>10</td>
<td>0.4%</td>
</tr>
<tr>
<td>Royal Oak (Dudley Port)</td>
<td>9</td>
<td>0.3%</td>
</tr>
<tr>
<td>Ashbury Tavern (Great Barr)</td>
<td>8</td>
<td>0.3%</td>
</tr>
<tr>
<td>Busbys (West Bromwich)</td>
<td>7</td>
<td>0.2%</td>
</tr>
<tr>
<td>Explosions (West Bromwich)</td>
<td>7</td>
<td>0.2%</td>
</tr>
<tr>
<td>Desi Masala (West Bromwich)</td>
<td>7</td>
<td>0.2%</td>
</tr>
<tr>
<td>Hargate Inn (West Bromwich)</td>
<td>6</td>
<td>0.2%</td>
</tr>
<tr>
<td>Stone Cross Inn (West Bromwich)</td>
<td>6</td>
<td>0.2%</td>
</tr>
<tr>
<td>Woden Inn (Wednesbury)</td>
<td>6</td>
<td>0.2%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top streets (where assault took place)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>High Street (West Bromwich)</td>
<td>101</td>
<td>3.6%</td>
</tr>
<tr>
<td>Broad Street (Birmingham)</td>
<td>45</td>
<td>1.6%</td>
</tr>
<tr>
<td>Market Place (Wednesbury)</td>
<td>27</td>
<td>1.0%</td>
</tr>
<tr>
<td>Newton Road (Sandwell Valley/Great Barr)</td>
<td>21</td>
<td>0.7%</td>
</tr>
<tr>
<td>Walsall Road (Stone Cross)</td>
<td>18</td>
<td>0.6%</td>
</tr>
<tr>
<td>Beacon View Road (Charlemont Farm)</td>
<td>16</td>
<td>0.6%</td>
</tr>
<tr>
<td>All Saints Way (Sandwell Valley)</td>
<td>16</td>
<td>0.6%</td>
</tr>
<tr>
<td>Hydes Road (Hateley Heath)</td>
<td>14</td>
<td>0.5%</td>
</tr>
<tr>
<td>Hallam Street (Sandwell Valley)</td>
<td>13</td>
<td>0.5%</td>
</tr>
<tr>
<td>Holyhead Road (Sandwell Valley/Handsworth)</td>
<td>12</td>
<td>0.4%</td>
</tr>
<tr>
<td>Wolverhampton Road (Oldbury)</td>
<td>11</td>
<td>0.4%</td>
</tr>
</tbody>
</table>
Crimegrip® review: Alcohol and brief interventions - Conclusion

• Brief interventions are an effective initiative to reduce alcohol misuse
• BIs should be more widely available at GP surgeries, hospitals (esp A&E).
  • The evidence for very brief interventions is weak.
  • The potential for delivery of BI's in other settings (eg the workplace) should be explored,
• as should the precise characteristics and elements of the most successful BI's.
• There is no direct evidence relating brief interventions to crime reduction.
• It remains intuitive that the earlier treatment of individuals with alcohol problems will reduce crime and needs to be further tested,
• for example in properly constructed studies of alcohol arrest referral schemes,
• and in setting up long term follow up for brief intervention schemes in primary care.
SECTION I. OVERVIEW

A community prevention trial to reduce alcohol-involved accidental injury and death: overview

HAROLD D. HOLDER, ROBERT F. SALTZ, JOEL W. GRUBE, ROBERT B. VOAS, PAUL J. GRUENEWALD & ANDREW J. TRENO

Prevention Research Center, 2150 Shattuck Avenue, Berkeley, California, USA

Abstract
The 5-year “Preventing Alcohol Trauma: A Community Trial” project in the United States was designed to
Holder et al: Community trials

- Responsible beverage training
- Restricted outlets and sales to minors
- Community and schools education programmes
- Drink driving controls
- Labelling and point of sale information
SECTION II. PREVENTION COMPONENTS AND RESULTS

Preventing sales of alcohol to minors: results from a community trial

JOEL W. GRUBE

Prevention Research Center, 2150 Shattuck Avenue, Berkeley, California, USA

Abstract
This paper reports an evaluation of a community-based approach to prevent underage sales of alcohol. The interventions focused on (a) enforcement of underage sales laws, (b) responsible beverage service (RBS) training and (c) media advocacy. The interventions were implemented in three experimental communities located in California and South Carolina. Purchase survey data were obtained before and after the interventions and compared to a control group to determine effect.
Drinks firm's shock for bingers

Julia Finch City editor

Diageo is readying the government to launch a multi-million pound anti-binge-drinking campaign, using the same shock tactics as the hard-hitting drink-drive adverts.

The drinks group - whose brands include youth favourites such as Smirnoff Ice, Aribers Aqua and Bailey's Glade - has held high level meetings with the Downing Street strategy unit and at the Department of Health to persuade the government to back a campaign.

Diageo's advertising agency - Abbott Mead Vickers - has been working on ideas for an issue-based campaign which the government could adopt.

A Heineken has suggested targeting an initial campaign at young women drinkers focusing on their lack of control and vulnerability after binge-drinking. The agency wants to use shock tactics and imagery to get the message across.

Another meeting with government is planned. Kate Blackmore, head of social responsibility at Diageo said: We want to make binge-drinking as socially unacceptable as drink-driving.

She said: Diageo would like to see a sustained anti-binge-drinking campaign, modelled on the drink-drive adverts, which, although they have been criticised for their shock value, are credited with changing public attitudes.

As a result of its impact on deaths and crime, binge-drinking has already become a top priority this year when he addressed the House of Commons. The forum was attended by some of the industry's biggest brewers and pub operators.

They are keen for the industry to step up safety and have asked for support in ensuring the safety of their employees and the general public.

A National brewery is to improve safety in its Birmingham pubs following a link-up with the city council.

Anasell's said it would respond to an investigation which highlighted areas where it had breached national health and safety standards.

Birmingham City Council was one of the first five authorities to be 'twinned' with large companies in a pilot study run by the Health and Safety Executive.

Under the scheme, enforcement officers carry out an exhaustive health-check of the company's safety record to see where improvements could be made.

In their report, the Birmingham officials praised Anasell for taking safety seriously and setting high standards. But they also made a series of recommendations for improving management systems which would boost safety for employees and customers.

In further studies, the council said it was pleased Anasell had not agreed to make the changes, at the authority could use its powers to force the changes to be made.
UK Responsibility deal has failed to deliver - control of advertising and marketing to young people

Been used to delay regulatory and fiscal actions - increasing real price of alcohol

Bringing in minimum unit price as has been done now in British Columbia, Saskatchewan and soon in South Africa