

## Alcohol Research Digest – Summer 2009

Dear Colleagues,

Here is the latest issue of Alcohol Research Digest, a resource featuring alcohol-related articles from peer reviewed academic journals and research-oriented reports, newsletters, and resources from a variety of Canadian and international sources. All sources were published within the months of May, June and July of 2009 and include at minimum, a link to an online abstract. If a link becomes broken, please copy and paste it directly into your web browser.

PLEASE NOTE: Some websites require a free or paid subscription to view resources. Some articles are available on-line for a limited time only.

We hope you will use Alcohol Research Digest to inform your work. Please take a few moments to browse through the titles and read/print those most relevant to you.

Material was selected based on potential relevance and usefulness to program m planners, health promoters, policy-makers, researchers and other active in the substance abuse prevention (specifically alcohol) across Ontario.

We encourage you to download any articles you find interesting, in accordance with copyright rules posted on individual sites. If you wish to view a narticel but encounter an out-of-date link, please contact the source directly, or send a document request to the CAMH Library, <mailto:library@camh.net>, Fax: (416) 595-6601. Please include a full citation with your request. There may be a cost associated with this service.

To view past issues, please visit  
[www.apolnet.ca/resources/pubs/respapers/ResQtlyHome.html](http://www.apolnet.ca/resources/pubs/respapers/ResQtlyHome.html).

The Alcohol Policy Network (APN) is a program of the Ontario Public Health association, and is funded through the Ministry of Health Promotion. For more information about this Electronic mailing list, or us please visit  
[www.apolnet.ca/AboutUsHome.html](http://www.apolnet.ca/AboutUsHome.html).

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1. Alcohol Advertising / Promotion / Sponsorship
  2. Impaired Driving / Road Safety
  3. Demographic Groups
    - a. Youth and Young Adults
    - b. Older Adults
  4. Alcohol Controls / Liability / Licensing
  5. Health and Safety
    - a. Pregnancy / Fetal Alcohol Spectrum Disorder (FAS/FASD)

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- b. Low / High Risk Drinking / Harm Reduction
  - c. Crime / Violence / Injury Prevention
  - d. Addictions Treatment
  - 6. Workplace
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- 

### 1. Alcohol Advertising

#### **WATCHING AND DRINKING: EXPECTANCIES, PROTOTYPES, AND FRIENDS' ALCOHOL USE MEDIATE THE EFFECT OF EXPOSURE TO ALCOHOL USE IN MOVIES ON ADOLESCENT DRINKING**

Dal Cin S, Worth KA, Gerrard M, Stoolmiller M, Sargent JD, Wills TA, Gibbons FX. Health Psychology 2009

To investigate the psychological processes that underlies the relation between exposure to alcohol use in media and adolescent alcohol use.

<http://www.ncbi.nlm.nih.gov/pubmed/19594272>

### 2. Impaired Driving / Road Safety

#### **NATIONAL ROADSIDE SURVEY FINDS DECLINE IN DWI RATES**

CEASAR Fax, University of Maryland, July 23, 2009

There has been a dramatic decline in U.S. driving while intoxicated (DWI) rates, according to data from the four National Roadside Surveys\* conducted since 1973. In 1973, 7.5% of weekend nighttime drivers had a BAC over the current legal limit of 0.08 g/dL, compared to 2.2% in the most recent survey conducted in 2007 (see figure below).

<http://www.cesar.umd.edu/cesar/cesarfax/vol18/18-29.pdf>

#### **DRIVER- AND PASSENGER-BASED ESTIMATES OF ALCOHOL-IMPAIRED DRIVING IN THE U.S., 2001–2003**

Ruth A. Shults, Marcie-jo Kresnow, Karen C. Lee, American Journal of Prevention Medicine, June 2009

Alcohol-impaired driving (AID) continues to be a major public health problem in the U.S.

[http://www.ajpm-online.net/article/S0749-3797\(09\)00152-4/abstract](http://www.ajpm-online.net/article/S0749-3797(09)00152-4/abstract)

### 3. Demographic Groups

#### a. Youth and Young Adults

#### **LEGAL AGES FOR PURCHASE AND CONSUMPTION OF ALCOHOL AND HEAVY DRINKING AMONG COLLEGE STUDENTS IN CANADA, EUROPE, AND THE UNITED STATES**

## **Alcohol Research Digest – Summer 2009**

Keller A, Frye L, Bauerle J, Turner JC., Substance Abuse, Safety Lit, July 23, 2009

Heavy drinking and associated negative consequences remain a serious problem among college students.

[http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citationIds%5B%5D=citjournalarticle\\_108452\\_1](http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citationIds%5B%5D=citjournalarticle_108452_1)

### **STUDY SUGGESTS REPLACING "DRUNK" AND "HIGH" WITH MORE GENERATIONAL-APPROPRIATE TERMS FOR ALCOHOL INTOXICATION IN COLLEGE STUDENT SELF-REPORT RESEARCH**

CEASAR Fax, University of Maryland, July 6, 2009

While there are many terms for intoxication, alcohol researchers often rely on the terms “drunk” or “high” to assess the self-reported subjective effects of heavy alcohol use.

<http://www.cesar.umd.edu/cesar/cesarfax/vol18/18-26.pdf>

### **STUDY: OFF-CAMPUS DRINKING CAN BE CURBED WITH COMMUNITY'S HELP**

Research Summary, Join Together, June 26, 2009

A new study concludes that off-campus drinking by college students was reduced 27 percent by implementing community-level prevention programs.

<http://www.jointogether.org/news/research/summaries/2009/study-off-campus-drinking.html>

### **See also: NIAAA'S RAPID RESPONSE TO COLLEGE DRINKING PROBLEMS INITIATIVE: REINFORCING THE USE OF EVIDENCE-BASED APPROACHES IN COLLEGE ALCOHOL PREVENTION**

[http://www.jsad.com/jsad/article/NIAAAs\\_Rapid\\_Response\\_to\\_College\\_Drinking\\_Problems\\_Initiative\\_Reinforcing/4353.html](http://www.jsad.com/jsad/article/NIAAAs_Rapid_Response_to_College_Drinking_Problems_Initiative_Reinforcing/4353.html)

### **RESEARCHER DECRIES PARENTAL PERMISSIVENESS ON DRINKING**

Research Summary, Join Together, June 24, 2009

A Penn State researcher says that parents who let teens drink alcohol may be setting their kids up for binge drinking in college.

<http://www.jointogether.org/news/research/summaries/2009/researcher-decries-parental.html>

### **DAD'S DRINKING PREDICTS TEEN IMBIBING, STUDY FINDS**

Research Summary, Join Together, June 19, 2009 Living with an alcoholic father dramatically increases the risk of binge drinking among teenagers, according to new research from the Substance Abuse and Mental Health Services Administration (SAMHSA).

<http://www.jointogether.org/news/research/summaries/2009/dads-drinking-predicts-teen.html>

### **See also: FATHERS' ALCOHOL USE MAY SIGNIFICANTLY AFFECT THEIR ADOLESCENT CHILDREN'S USE OF ALCOHOL AND DRUGS ACCORDING TO NEW NATIONWIDE STUDY**

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<http://www.samhsa.gov/newsroom/advisories/0906172325.aspx>

### **MORE COLLEGE STUDENTS DYING FROM DRINKING, NIAAA REPORTS**

Research Summary, Join Together, June 19, 2009

Alcohol-related deaths, heavy drinking and drunk driving are all increasing among U.S. college students, according to a report from the National Institute on Alcohol Abuse and Alcoholism (NIAAA).

<http://www.jointogether.org/news/research/summaries/2009/more-college-students-dying.html>

See also: **NIAAA'S RAPID RESPONSE TO COLLEGE DRINKING PROBLEMS INITIATIVE: REINFORCING THE USE OF EVIDENCE-BASED APPROACHES IN COLLEGE ALCOHOL PREVENTION**

<http://www.jsad.com/>

### **LOWER DRINKING AGE ASSOCIATED WITH POOR BIRTH OUTCOMES**

Research Summary, Join Together, June 11, 2009

A new study from the University of Georgia concludes that lowering the legal drinking age could affect the rate of unplanned pregnancies and pre-term births among young women.

<http://www.jointogether.org/news/research/summaries/2009/lower-drinking-age-associated.html>

See also: **MINIMUM DRINKING AGE LAWS AND INFANT HEALTH OUTCOMES**

[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6V8K-4VT5TGD-1&\\_user=10&\\_coverDate=05%2F31%2F2009&\\_alid=931035191&\\_rdoc=1&\\_fmt=high&\\_orig=search&\\_cdi=5873&\\_sort=d&\\_docanchor=&\\_view=c&\\_ct=2&\\_acct=C000050221&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=ecb9eecdc42f89f8ee83e790d73f4d98](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6V8K-4VT5TGD-1&_user=10&_coverDate=05%2F31%2F2009&_alid=931035191&_rdoc=1&_fmt=high&_orig=search&_cdi=5873&_sort=d&_docanchor=&_view=c&_ct=2&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=ecb9eecdc42f89f8ee83e790d73f4d98)

### **TEEN DRINKERS FACE GREATER ALCOHOL RISKS AS ADULTS**

Research Summary, Join Together, June 10, 2009

New research suggests that individuals who begin drinking alcohol as teenagers are more likely than those who start drinking after age 21 to suffer alcohol-related harm as adults.

<http://www.jointogether.org/news/research/summaries/2009/young-drinkers-face-greater.html>

See also: **AGE OF DRINKING ONSET, ALCOHOL USE DISORDERS, FREQUENT HEAVY DRINKING, AND UNINTENTIONALLY INJURING ONESELF AND OTHERS AFTER DRINKING**

<http://pediatrics.aappublications.org/cgi/content/abstract/123/6/1477>

### **ALCOHOL OUTLETS AND YOUTH ALCOHOL USE: EXPOSURE IN SUBURBAN AREAS**

Pasch KE, Hearst MO, Nelson MC, Forsyth A, Lytle LA. Health and Place, Safety Lit, May 4, 2009

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The purpose of this study was to explore how exposure to alcohol outlets (around home and school) influenced alcohol use among 242 high-school students (mean age 16.4, 48.8% male, 93.4% White).

[http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5B%5D=citjournalarticle\\_98814\\_1](http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5B%5D=citjournalarticle_98814_1)

### **DRINKERS AGES 18 TO 34 WHO MISUSE PRESCRIPTION DRUGS MORE LIKELY TO EXPERIENCE ALCOHOL-RELATED PROBLEMS**

CEASAR Fax, University of Maryland, May 18, 2009

“Among young drinkers, misuse of prescription drugs...may be an important risk factor for increasing alcohol problems,” according to a recent analysis of data from the National Epidemiologic Survey of Alcohol and Related Conditions.

<http://www.cesar.umd.edu/cesar/cesarfax/vol18/18-19.pdf>

#### **b. Older Adults**

### **ALCOHOL, SENIORITY AND TRAFFIC**

Wilke N, Puschel K, Edler C. Zeitschrift fur Gerontologie und Geriatrie, Safety Lit, July 6, 2009

The roadworthiness of older people is affected by internal, neurological or orthopedic diseases and by the medication.

[http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5B%5D=citjournalarticle\\_107750\\_1](http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5B%5D=citjournalarticle_107750_1)

### **SCREENING REVEALS OVERLOOKED ADDICTIONS AMONG ELDERLY**

Research Summary, Join Together, June 23, 2009

Screening and brief intervention programs can spot addiction and mental health problems among elderly patients that traditional healthcare interactions may miss, findings from a new Florida study indicate.

<http://www.jointogether.org/news/research/summaries/2009/screening-reveals-overlooked.html>

See also: **SCREENING AND BRIEF INTERVENTION FOR SUBSTANCE MISUSE AMONG OLDER ADULTS: THE FLORIDA BRITE PROJECT**

<http://www.ajph.org/cgi/content/abstract/AJPH.2008.149534v1>

#### **4. Alcohol Controls / Liability**

Nothing to report

#### **5. Health and Safety**

##### **a. Pregnancy / Fetal Alcohol Spectrum Disorder (FAS/FASD)**

### **STUDY: FASD OFTEN CONFUSED WITH ADHD, BUT SYMPTOMS MORE SEVERE**

Research Summary, Join Together, July 20, 2009

## **Alcohol Research Digest – Summer 2009**

Fetal alcohol spectrum disorder (FASD) and attention-deficit hyperactivity disorder (ADHD) share many attributes, and children with FASD are often misdiagnosed as having ADHD.

<http://www.jointogether.org/news/research/summaries/2009/study-fasd-often-confused.html>

### **b. Low / High Risk Drinking / Harm Reduction**

#### **ALCOHOL'S EFFECT ON THE BRAIN IS RAPID, DETRIMENTAL**

Research Summary, Join Together, June 22, 2009

Researchers at Heidelberg University in Germany have found that it takes only six minutes for a change in brain cells to occur after drinking the equivalent of about three glasses of beer or two glasses of wine.

<http://www.jointogether.org/news/research/summaries/2009/alcohols-effect-on-the-brain.html>

See also: **THE EFFECT OF ETHANOL ON HUMAN BRAIN METABOLITES LONGITUDINALLY CHARACTERIZED BY PROTON MR SPECTROSCOPY**

<http://www.nature.com/jcbfm/journal/v29/n5/abs/jcbfm200912a.html>

#### **DRINKING FREQUENCY CAN PREDICT BINGEING, STUDY SAYS**

Research Summary, Join Together, June 2, 2009

Individuals who drink more than twice a week are more likely to engage in heavy or binge drinking, according to researchers from the University of Montreal and the University of Western Ontario who studied drinking patterns by gender and age group.

<http://www.jointogether.org/news/research/summaries/2009/daily-drinking-can-predict.html>

See also: **THE IMPORTANCE OF DRINKING FREQUENCY IN EVALUATING INDIVIDUALS' DRINKING PATTERNS: IMPLICATIONS FOR THE DEVELOPMENT OF NATIONAL DRINKING GUIDELINES**

<http://www3.interscience.wiley.com/journal/122381092/abstract?CRETRY=1&SRTRY=0>

#### **BINGE DRINKING MORE COMMON AMONG YOUNGER WHITE MALES WITH HIGHER INCOMES**

CEASAR Fax, University of Maryland, May 25, 2009

“Binge drinking is common among U.S. adults, especially among whites, males, persons aged 18-34 years, and those with household incomes  $\geq$ \$50,000,” according to an analysis of data\* from the Behavioral Risk Factor Surveillance System.

<http://www.cesar.umd.edu/cesar/cesarfax/vol18/18-20.pdf>

### **c. Crime / Violence / Injury Prevention**

#### **SCHOOL-BASED PREVENTION CUTS DRUG USE, VIOLENCE, NIDA SAYS**

Research Summary, Join Together, June 18, 2009

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Fifth-grade students who took part in comprehensive, interactive school-based prevention programs starting as early as first grade were half as likely as their peers to use alcohol or other drugs, act out violently, or engage in sexual activity.

<http://www.jointogether.org/news/research/summaries/2009/school-based-prevention-cuts.html>

See also: **USE OF A SOCIAL AND CHARACTER DEVELOPMENT PROGRAM TO PREVENT SUBSTANCE USE, VIOLENT BEHAVIORS, AND SEXUAL ACTIVITY AMONG ELEMENTARY-SCHOOL STUDENTS IN HAWAII**

<http://www.ajph.org/cgi/content/abstract/AJPH.2008.142919v1>

### d. Addictions Treatment

#### **AMERICANS OF ALL INCOME LEVELS SAY THEY COULD NOT AFFORD ALCOHOL OR DRUG TREATMENT IF THEY NEEDED IT**

CEASAR Fax, University of Maryland, July 13, 2009

Nearly half of U.S. adults say that they would not be able to afford alcohol or drug treatment if they or someone in their family needed it, according to a telephone survey conducted this past June.

<http://www.cesar.umd.edu/cesar/cesarfax/vol18/18-27.pdf>

### 6. Workplace

#### **NAVY CULTURE CONTRIBUTES TO HEAVY DRINKING**

Research Summary, Join Together, June 16, 2009

The young age of recruits, cycles of activity and boredom, and general attitudes about alcohol use are all parts of Navy culture that contribute to heavy drinking among sailors, according to a new study.

<http://www.jointogether.org/news/research/summaries/2009/navy-culture-contributes.html>

See also: **THE IMPACT OF OCCUPATIONAL CULTURE ON DRINKING BEHAVIOR OF YOUNG ADULTS IN THE U.S. NAVY (PDF)**

<http://mmr.sagepub.com/cgi/reprint/3/2/129>

### 7. Influencing Policy

#### **AN EVALUATION OF COLLEGE ONLINE ALCOHOL-POLICY INFORMATION: 2007 COMPARED WITH 2002**

Faden VB, Corey K, Baskin M. Journal of Studies on Alcohol and Drugs – Supplement, Safety Lit, July 6, 2009

To receive federal funds, colleges and universities are required to provide information to students about their alcohol policies as part of their alcohol-abuse prevention efforts.

[http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citationIds%5B%5D=citjournalarticle\\_107824\\_1](http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citationIds%5B%5D=citjournalarticle_107824_1)

### 8. Practitioner Resources

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### **NIAAA’S “RETHINKING DRINKING” WEB SITE OFFERS TOOLS TO ASSESS RISKY DRINKING**

Resource Update, Alcohol, other drugs and health, June 2009

The National Institute on Alcohol Abuse and Alcoholism (NIAAA) has launched a new Web site to help people reduce their risk for alcohol problems.

[http://www.bu.edu/aodhealth/issues/issue\\_may09/NIAAA\\_announce.html](http://www.bu.edu/aodhealth/issues/issue_may09/NIAAA_announce.html)

See also: **RETHINKING DRINKING: ALCOHOL AND YOUR HEALTH**

<http://rethinkingdrinking.niaaa.nih.gov/>

### **AUSTRALIA RELEASES REVISED GUIDELINES FOR REDUCING ALCOHOL- ASSOCIATED HEALTH RISKS**

Resource Update, Alcohol, other drugs and health, June 2009

Australia’s National Health and Medical Research Council has released a revised edition of *Guidelines to Reduce Health Risks from Drinking Alcohol*, which aims to establish the evidence base for future policy and patient education regarding alcohol-associated health risks.

[http://www.bu.edu/aodhealth/issues/issue\\_may09/NHMRC\\_announce.html](http://www.bu.edu/aodhealth/issues/issue_may09/NHMRC_announce.html)

See also: **AUSTRALIAN GUIDELINES TO REDUCE HEALTH RISKS FROM DRINKING ALCOHOL**

<http://www.nhmrc.gov.au/publications/synopses/ds10syn.htm>

### **NIDA LAUNCHES WEB-BASED SUBSTANCE USE TOOLS FOR PHYSICIANS**

Resource Update, Alcohol, other drugs and health, June 2009

The National Institute on Drug Abuse (NIDA) has launched its first Web-based Physicians' Outreach Initiative, NIDAMED, providing primary care physicians with tools and resources to screen and assess their patients for tobacco, alcohol, illicit drug, and nonmedical prescription drug use during routine office visits.

[http://www.bu.edu/aodhealth/issues/issue\\_may09/NIDA\\_announce.html](http://www.bu.edu/aodhealth/issues/issue_may09/NIDA_announce.html)

See also: **SCREENING FOR TOBACCO, ALCOHOL AND OTHER DRUG USE**

<http://www.drugabuse.gov/nidamed/screening/>

## **9. Other**

### **A CLINICAL TRIAL DEMONSTRATION OF A WEB-BASED TEST FOR ALCOHOL AND DRUG EFFECTS**

Mills KC, Spruill SE, Walker JM, Lamson M. *Journal of Studies on Alcohol and Drugs*, SafetyLit, May 4, 2009

The purpose of this study was to determine the feasibility of a Web-installed test of skills essential to driving: target detection and divided attention.

[http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5B%5D=citjournalarticle\\_98805\\_1](http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5B%5D=citjournalarticle_98805_1)