

Alcohol Research Digest – January / February 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 January and February 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 If you wish to view an article but encounter an out-of-date link, please contact the source directly, or send a document request to the CAMH Library, 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.

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.

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1. Alcohol Advertising

IMPACT OF ALCOHOL ADVERTISING AND MEDIA EXPOSURE ON ADOLESCENT ALCOHOL USE: A SYSTEMATIC REVIEW OF LONGITUDINAL STUDIES

Anderson P, de Bruijn A, Angus K, Gordon R, Hastings G., Alcohol and Alcoholism February 2, 2009

To assess the impact of alcohol advertising and media exposure on future adolescent alcohol use.

http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_94003_1

ALCOHOL, YOUNG PEOPLE AND THE MEDIA: A STUDY OF RADIO OUTPUT IN SIX RADIO STATIONS IN ENGLAND

Daykin N, Irwin R, Kimberlee R, Orme J, Plant M, McCarron L, Rahbari M. Journal of Public Health 2009

This research investigated the representation of alcohol in radio output.

http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_93775_1

2. Impaired Driving / Road Safety

PREVENT DRUNK DRIVING BY HIGHLIGHTING RISK OF ARREST, RESEARCHERS SAY

Research Summary, Join Together, January 6, 2009

Perceived risk of arrest is among the biggest deterrents to drunk driving, according to researchers who said that having laws on the books alone is not sufficient to deter those at high risk of driving under the influence of alcohol.

<http://www.jointogether.org/news/research/summaries/2009/prevent-drunk-driving-by.html>

See also: **THE BEHAVIORAL IMPACT OF DRINKING AND DRIVING LAWS**

<http://www3.interscience.wiley.com/journal/121527977/abstract>

3. Demographic Groups

a. Youth and Young Adults

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THE ROLE OF PERSONALITY DISPOSITIONS TO RISKY BEHAVIOR IN PREDICTING FIRST-YEAR COLLEGE DRINKING

Cyders MA, Flory K, Rainer S, Smith GT. *Addiction* February 2, 2009

US college student drinking is associated with enormous risks to health, safety and productivity.

http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_93952_1

PEER ADVICE HELPS CUT HEAVY DRINKING AMONG COLLEGE STUDENTS

Research Summary, Join Together, January 29, 2009

Just one personalized intervention session from a fellow college student was effective in reducing alcohol consumption among heavy drinkers on campus, according to a new study from the Netherlands.

<http://www.jointogether.org/news/research/summaries/2009/peer-advice-helps-cut-heavy.html>

DOES SPORTS PARTICIPATION DURING ADOLESCENCE PREVENT LATER ALCOHOL, TOBACCO AND CANNABIS USE?

Wichstrøm T, Wichstrøm L. *Addiction* 2009

To study whether participation in organized sports during adolescence predicts increased smoking of tobacco, alcohol intoxication and cannabis use from late adolescence to adulthood when controlling for potential confounders.

http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_93841_1

YOUTH DRINKING HIGHER WHERE ALCOHOL OUTLETS PROLIFERATE

Research Summary, Join Together, January 5, 2009

Adolescents who live within walking distance of a liquor store or other alcohol outlet are more likely to engage in binge drinking or drive drunk, according to researchers from the Pardee RAND Graduate School in Santa Monica, Calif.

<http://www.jointogether.org/news/research/summaries/2009/youth-drinking-higher-where.html>

See Also: **ALCOHOL ENVIRONMENTS AND DISPARITIES IN EXPOSURE ASSOCIATED WITH ADOLESCENT DRINKING IN CALIFORNIA**

<http://www.ajph.org/cgi/content/abstract/AJPH.2007.122077v1?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&fulltext=alcohol+outlet&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT>

b. Older Adults

MODERATE DRINKING HELPS HEALTHY OLDER PATIENTS

Research Summary, Join Together, January 20, 2009

Moderate drinkers ages 50 and older were less likely to suffer debilitating health problems than those who abstained from drinking and those who drank heavily, according to researchers from UCLA.

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<http://www.jointogether.org/news/research/summaries/2009/moderate-drinking-helps.html>

See also: **LIGHT TO MODERATE ALCOHOL CONSUMPTION AND DISABILITY: VARIABLE BENEFITS BY HEALTH STATUS**

<http://aje.oxfordjournals.org/cgi/content/abstract/169/1/96?maxtoshow=&HITS=%2010&hits=10&RESULTFORMAT=&fulltext=Karlamanla&searchid=1&FIRSTINDEX=0&sortsp%20ec=date&resourcetype=HWCIT>

EFFECTS OF MAOA-GENOTYPE, ALCOHOL CONSUMPTION, AND AGING ON VIOLENT BEHAVIOR

Tikkanen R, Sjöberg RL, Ducci F, Goldman D, Holi M, Tiihonen J, Virkkunen M. Alcoholism: Clinical and Experimental Research 2008

Environmental factors appear to interact with a functional polymorphism (MAOA-LPR) in the promoter region of the monoamine oxidase A gene (MAOA) in determining some forms of antisocial behavior.

http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_93720_1

RISKS OF COMBINED ALCOHOL/MEDICATION USE IN OLDER ADULTS.

Moore AA, Whiteman EJ, Ward KT. American Journal of Geriatric Pharmacotherapy 2007

Many older adults (ie, those aged >65 years) drink alcohol and use medications that may be harmful when consumed together.

http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_65714_26

4. Alcohol Controls / Liability

RAISING ALCOHOL TAXES REDUCES DRINKING, STUDY SAYS

Research Summary, Join Together, January 21, 2009

Evidence is "statistically overwhelming" that communities can reduce alcohol consumption by raising alcohol taxes, according to a report from University of Florida researcher Alexander C. Wagenaar and colleagues.

<http://www.jointogether.org/news/research/summaries/2009/raising-alcohol-taxes-reduces.html>

See also: **EFFECTS OF BEVERAGE ALCOHOL PRICE AND TAX LEVELS ON DRINKING: A META-ANALYSIS OF 1003 ESTIMATES FROM 112 STUDIES**

<http://www3.interscience.wiley.com/journal/121639213/abstract?CRETRY=1&SRTRY=0>

5. Health and Safety

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

PATTERN OF PRENATAL DRINKING A BETTER PREDICTOR OF CHILD PERFORMANCE

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Research Summary, Join Together, February 27, 2009

A metric derived by using multiple screening tools on perinatal alcohol use better predicted childhood behavioral problems than using any single measure of maternal alcohol consumption, such as binge-drinking occasions or weekly alcohol consumption, according to researchers studying fetal alcohol spectrum disorders.

<http://www.jointogether.org/news/research/summaries/2009/pattern-of-prenatal-drinking.html>

See also: **A METRIC OF MATERNAL PRENATAL RISK DRINKING PREDICTS NEUROBEHAVIORAL OUTCOMES IN PRESCHOOL CHILDREN**

<http://www3.interscience.wiley.com/journal/121637010/abstract>

BRIEF INTERVENTION DECREASES RISKY ALCOHOL USE IN POSTPARTUM WOMEN

Research Summary, Join Together, February 2009

To determine whether the postpartum period is an effective time to counsel women about alcohol use, researchers screened 8706 women at their 45-day postpartum visit and randomized 235 women who met inclusion criteria* to either usual care (receipt of a booklet on general health issues but no specific counseling) or brief intervention (BI).

<http://www.jointogether.org/news/research/tprb/feb09/delaney-brief-intervention.html>

b. Low / High Risk Drinking / Harm Reduction

ONE DRINK A DAY FOR WOMEN RAISES RISK OF CANCERS

Research Summary, Join Together, February 26, 2009

New research suggests that middle-aged women who imbibe even one alcoholic drink a day have greater risks for developing breast, liver and rectum cancer.

<http://www.jointogether.org/news/research/summaries/2009/one-drink-a-day-for-women.html>

See also: **MODERATE ALCOHOL INTAKE AND CANCER INCIDENCE IN WOMEN**

<http://jnci.oxfordjournals.org/cgi/content/abstract/djn514>

MILITARY PERSONNEL MORE LIKELY TO BINGE DRINK THAN HOUSEHOLD RESIDENTS; LARGEST DISCREPANCY SEEN AMONG UNDERAGE YOUTH AND YOUNG ADULTS

Research Summary, CESAR Fax, University of Maryland, February 23, 2009

Military personnel are more likely than household residents to report binge drinking in the past month, according to data from the Survey of Health Related Behaviors Among Military Personnel and the National Survey on Drug Use and Health.

<http://www.cesar.umd.edu/cesar/cesarfax/vol18/18-07.pdf>

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c. Crime / Violence / Injury Prevention

ALCOHOL CONTRIBUTES TO FALL RISK AMONG WORKING-AGED INDIVIDUALS

Research Summary, Join Together, February 2009

The public-health impact of falls at home is substantial, resulting in a number of emergency department visits, hospitalizations, and deaths among working-aged individuals.

<http://www.jointogether.org/news/research/tprb/feb09/bower-alcohol-contributes.html>

ALCOHOL-RELATED RISK BEHAVIORS AND SPORTS PARTICIPATION AMONG ADOLESCENTS: AN ANALYSIS OF 2005 YOUTH RISK BEHAVIOR SURVEY DATA

Mays D, Thompson NJ. Journal of Adolescent Health, January 2009

Using 2005 Youth Risk Behavior Survey data, we examined alcohol-related behaviors among adolescent sports participants.

http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_93528_1

d. Addictions Treatment

GENE THAT PLAYS ROLE IN DRINKING INTENSITY IDENTIFIED

Research Summary, Join Together, February 6, 2009

A new study from researchers at the University of Virginia Health System suggests that a serotonin transporter gene -- SLC6A4 -- significantly influences the level of drinking intensity among heavy drinkers.

See also: **CHARACTERIZATION OF A FUNCTIONAL POLYMORPHISM IN THE 3' UTR OF SLC6A4 AND ITS ASSOCIATION WITH DRINKING INTENSITY**

<http://www3.interscience.wiley.com/journal/121529895/abstract>

RESEARCHER: ONE IN FIVE MEN AT RISK OF ALCOHOL ABUSE

Research Summary, Join Together, January 26, 2009

At least one in five men in developed countries are at lifetime risk of becoming dependent on or abusing alcohol, according to a review of recent research.

<http://www.jointogether.org/news/research/summaries/2009/study-one-in-five-men-at.html>

See also: **ALCOHOL-USE DISORDERS**

[http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(09\)60009-X/abstract](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(09)60009-X/abstract)

MODERATION MANAGEMENT WORKS FOR SOME, STUDY SAYS

Research Summary, Join Together, January 20, 2009

People who are mildly dependent on alcohol may have success with cutting back on drinking using moderation-management techniques, but more severely

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dependent individuals should seek an abstinence-based approach to recovery, according to researchers.

<http://www.jointogether.org/news/research/summaries/2009/moderation-management-works.html>

STUDY: RECOVERY COACHES REDUCE NUMBER OF SUBSTANCE-EXPOSED BIRTHS

Research Summary, Join Together, January 7, 2009

New research suggests that recovery coaches -- caseworkers with special training in addiction, relapse prevention, case management and counseling -- can cut the number of newborns exposed to alcohol or other drugs and can play an important role in reuniting families.

<http://www.jointogether.org/news/research/summaries/2009/study-recovery-coaches.html>

See also: **RECOVERY COACHES AND SUBSTANCE EXPOSED BIRTHS: AN EXPERIMENT IN CHILD WELFARE**

[http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6V7N-4V0VC0H-1&_user=489277&_coverDate=11%2F30%2F2008&_rdoc=9&_fmt=high&_orig=rowse&_srch=doc-info\(%23toc%235847%232008%23999679988%23730117%23FLA%23display%23Volume\)&_cdi=5847&_sort=d&_docanchor=&_ct=9&_acct=C000022679&_version=1&_urlVersion=0&_userid=489277&_md5=cf166f3abfb4b07f8b24458ecf98b2ea](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6V7N-4V0VC0H-1&_user=489277&_coverDate=11%2F30%2F2008&_rdoc=9&_fmt=high&_orig=rowse&_srch=doc-info(%23toc%235847%232008%23999679988%23730117%23FLA%23display%23Volume)&_cdi=5847&_sort=d&_docanchor=&_ct=9&_acct=C000022679&_version=1&_urlVersion=0&_userid=489277&_md5=cf166f3abfb4b07f8b24458ecf98b2ea)

6. Workplace

Nothing to report

7. Influencing Policy

EFFECTS OF BEVERAGE ALCOHOL PRICE AND TAX LEVELS ON DRINKING: A META-ANALYSIS OF 1003 ESTIMATES FROM 112 STUDIES

Wagenaar AC, Salois MJ, Komro KA. *Addiction* February 2, 2009

We conducted a systematic review of studies examining relationships between measures of beverage alcohol tax or price levels and alcohol sales or self-reported drinking.

http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_93954_1

A NEW MINIMUM LEGAL DRINKING AGE (MLDA)? SOME FINDINGS TO INFORM THE DEBATE

Martinez JA, Muñoz García MA, Sher KJ. *Addictive Behaviours* 2008

Despite support that the minimum legal drinking age (MLDA) of 21 is an important public health provision in the United States, a group of college presidents are petitioning for the MLDA to be lowered.

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http://www.safetylit.org/citations/index.php?fuseaction=citations.viewdetails&citations%5b%5d=citjournalarticle_93827_1

8. Practitioner Resources

SAFETYLIT: INJURY PREVENTION LITERATURE

Weekly Literature Update Bulletin

<http://www.safetylit.org/>

CENTER FOR SUBSTANCE ABUSE RESEARCH (CESAR FAX)

Produced at the University of Maryland

CESAR Fax provides a weekly, one-page overview of timely substance abuse trends or issues.

<http://www.cesar.umd.edu/>

COMMUNITY ANTI-DRUGS COALITION OF AMERICA

Offers Weekly On-line Newsletters

<http://www.cadca.org/>

RETHINKING DRINKING

New NIAAA website

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

9. Other

BINGE DRINKING ENDEMIC IN MILITARY

Research Summary, Join Together, February 17, 2009

A new survey shows that 43 percent of active-duty military personnel engage in frequent binge drinking, including underage soldiers, sailors, airmen and Marines.

<http://www.jointogether.org/news/research/summaries/2009/binge-drinking-endemic-in.html>

See also: **BINGE DRINKING AMONG U.S. ACTIVE-DUTY MILITARY PERSONNEL**

[http://www.ajpm-online.net/article/S0749-3797\(08\)00969-0/abstract](http://www.ajpm-online.net/article/S0749-3797(08)00969-0/abstract)

AUSSIE STUDY SAYS ALCOHOL AIDS MALE SEXUAL PERFORMANCE

Research Summary, Join Together, January 29, 2009

Claims by Australian researchers that the consumption of alcohol enhances male sexual performance are being received with some skepticism.

<http://www.jointogether.org/news/research/summaries/2009/aussie-study-says-alcohol.html>

See also: **ALCOHOL CONSUMPTION AND MALE ERECTILE DYSFUNCTION: AN UNFOUNDED REPUTATION FOR RISK?**

<http://www3.interscience.wiley.com/journal/121633544/abstract>

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AUSTRALIAN STUDY LINKS ALCOHOL-CONTAINING MOUTHWASH TO CANCER

Research Summary, Join Together, January 22, 2009

Scientists at the University of Melbourne are recommending that Australian supermarkets stop selling mouthwash that contains alcohol after a research review found that users may face an increased risk of developing oral cancer.

<http://www.jointogether.org/news/research/summaries/2009/australian-study-links.html>

See also: **THE ROLE OF ALCOHOL IN ORAL CARCINOGENESIS WITH PARTICULAR REFERENCE TO ALCOHOL-CONTAINING MOUTHWASHES**

<http://www3.interscience.wiley.com/journal/121540201/abstract>

REDUCTION IN DRINKING DURING ALCOHOL TREATMENT REDUCES HYPERTENSION

Research Summary, Join Together, January 2009

Controlled studies of persons with hypertension have demonstrated a reduction in blood pressure (BP) if heavy alcohol consumption is reduced or eliminated.

<http://www.jointogether.org/news/research/tprb/jan09/boyle-reduction-in-drinking.html>