

Environmental Strategies: Selection Guide, Reference List, and Examples of Implementation Guidelines

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SELECTING THE APPROPRIATE ENVIRONMENTAL STRATEGY

BEFORE USING THIS BINDER...

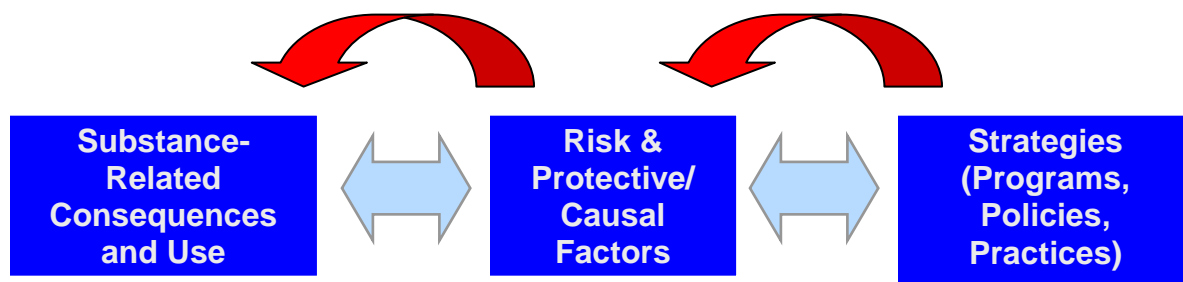
We encourage you to review the information below which summarizes the connection between problem identification, identification of risk/protective/causal factors and the strategies that can be used to bring about change in outcomes. As you know, the choice of strategies is tied to the identified problem and the related risk/protective/causal factors that the strategy addresses.

We strongly encourage you to consult the guidance from the PIRE epi TA group's logic modeling workshop and your CSAP project officer before using the binder to help you identify potential strategies.

OUTCOME-BASED PREVENTION & LOGIC MODEL THINKING

Before determining what strategies to implement, outcome-based prevention indicates the need for understanding two things: 1) the outcomes – substance use and related consequences – to be addressed, and 2) the factors that have been identified as being strongly related to and influence the occurrence and magnitude of substance use and its consequences. Analysis of epidemiological and other data can help us understand and define priority outcomes; and, fortunately, the research literature can provide valuable guidance about contributing factors and their link to substance use and related consequences.

Identifying priority outcomes and the factors contributing to them is critical for next steps – designing and implementing a set of effective strategies that are relevant to the problem. Only after defining priorities and understanding factors contributing to them is it appropriate to review research and experiential evidence to clarify what strategies are effective and relevant for addressing them.



So, ultimately, an outcome based logic model for substance abuse prevention maps a strategic approach for addressing priorities in terms of three components:

1. A clear definition of problem(s) to be addressed (consequences and behaviors)
2. Risk and protective factors/causal factors which have scientific evidence of contributing to the problem, and
3. Prevention strategies (programs, policies, practices) with evidence of effectiveness to impact one or more risk and protective factors/causal factors and/or the targeted problems.

To bring about reductions in community problems, a comprehensive prevention approach must identify and target factors most strongly related to identified-problems. Alternatively, prevention strategies that focus on only one feature of the problem or that address factors only weakly associated with substance use and its consequences offer little promise of eliminating or reducing population-level problems.

WHY IMPLEMENT ENVIRONMENTAL PREVENTION STRATEGIES? OVERVIEW ARTICLES

The articles listed below provide a brief overview of why environmental prevention strategies might work to help prevent or minimize substance abuse in your community.

Northeast CAPT. (1999). Changing the Larger Environment: Critical Components

Treno, A. J. & Lee, J. P. (2002). Approaching Alcohol Problems Through Local Environmental Interventions. *Alcohol Research & Health*, 26, 35.

Fisher, D. Environmental prevention strategies: An introduction and overview.

INTRODUCTION, OVERVIEW AND METHODS

Prepared as part of the Strategic Prevention Framework-State Incentive Grant, funded by the Center for Substance Abuse Prevention (CSAP), Substance Abuse and Mental Health Services Administration (SAMHSA)

Introduction

It is well documented that environmental strategies are an effective way to prevent and reduce substance abuse. Unlike traditional substance abuse interventions, however, there is not a quick, easy curriculum that you can pull off of a shelf and implement. In addition, relatively few environmental strategies are included on lists of evidence-based interventions such as the National Registry of Effective Programs and Practices (NREPP), maintained by SAMHSA.

To assist SPF-SIG state and community grantees in selecting and implementing environmental strategies to prevent and reduce substance abuse, we have created a list of strategies that the grantees may choose, although they are not limited to using the environmental prevention strategies in this list. These strategies utilize diverse approaches in achieving a desired effect including policy change, media campaigns, enforcement/compliance regulations and so forth, and allow the grantee to select a strategy that is most appropriate for their particular goals. This list was created based on a review of the literature as well as input from state SPF-SIG grantees, members of the SPF-SIG Expert Technical Assistance Group and the cross-site evaluators.

Methods

We began with a literature search using PubMed, EBSCO and Google. The search terms used for conducting this literature review were chosen from a matrix of approximately 50 environmental strategies that was created by Jessica Nargiso, a graduate student working with Paul Florin at the University of Rhode Island. In addition, we reviewed the list of resources identified in *Literature and Resources on Environmental Strategies to Prevent Substance Use and Abuse* and included any articles from this list that seemed to fit the data we were seeking. We used the environmental strategy names, or a shortened form if necessary, as our search terms and limited our search to those articles in published journals and to documents provided on organizational Web sites such as the National Highway Traffic and Safety Administration and the Marin Institute. We were specifically looking for articles that 1) described the strategy, 2) provided guidelines for implementation, 3) identified output measures to evaluate the strategy, and 4) evaluated the effectiveness of the strategy at reducing substance abuse.

Through this process we identified 275 potential articles and documents. We reviewed the abstracts and identified 152 articles that fit our search criteria. Teams of two researchers reviewed each of the 152 articles. We followed a systematic review protocol to document whether each article:

- 1) Provided a general description, implementation guidelines, output measures or assessed effectiveness;
- 2) Should be considered evidence-based because it was published in a peer-reviewed journal, listed in NREPP, provided by Centers for the Application of Prevention Technologies (CAPT) or for some other reason;
- 3) Was implemented in the substance abuse prevention field; and
- 4) Described any adaptations that could be made to address setting, target population or specific substance.

The codes were compared and where the coding did not match, the researchers came to a consensus by reviewing the article again and discussing the issues. All article reviews were recorded using an abstract review template to standardize the review process.

Environmental Strategies Selection Guide and Reference List

The Selection Guide is intended to help state and community grantees select an environmental strategy to meet their needs. The chart identifies those strategies for which we found a general description, implementation guidelines and output measures. The chart also indicates if any information was provided to assess the effectiveness of the strategy at preventing or reducing substance abuse. Finally, we provide an indication of what substances are targeted (alcohol, tobacco, other drugs) and whether or not the strategy could be adapted for other substances. We also indicate the target populations (by age) that would be appropriate for these strategies. In addition to providing a Selection Guide in a chart format, we also provide a list of the references we identified. The Reference List was organized by importing all of the reference information to RefMan, a software tool for managing bibliographical data. This reference list includes a key to indicate what type of information we found in the article (i.e., a general description, implementation guidelines, output measures, and/or effectiveness). For those articles that are available electronically, we have also included a URL address to facilitate obtaining these documents. The Reference List is organized in the same order as the list of environmental strategies in the Selection Guide. You will notice that in cases where one reference was used to provide information for multiple strategies, we have included the reference information under all relevant strategies. Those articles that seemed useful, but did not fit our search criteria are documented in a category at the end of the Reference List called Broad Overview. An Effectiveness Analysis also is provided that describes the findings of effectiveness in detail.

Limitations of the Selection Guide

The Selection Guide does not provide an exhaustive list of environmental strategies that can be used to prevent and reduce substance use. We tried to identify as many strategies as possible, and ended up only including those for which we could find appropriate documentation. The Selection Guide only includes environmental strategies that were implemented in the substance abuse prevention field. Our original plan was to expand our literature review to areas outside substance abuse, such as physical activity promotion; however, we felt that we identified enough strategies within the substance abuse prevention field to provide a solid base of environmental strategies from which to choose.

Finally, the Selection Guide tends to focus on environmental strategies that relate to alcohol and tobacco use. Many of these strategies could be adapted for implementation in another setting, for another target population or to address a different substance, but we were unable to find data to document these adaptations.

Examples of Implementation Guidelines

Also included in the binder are Examples of Implementation Guidelines, if such guidelines were identified during our literature review. The examples of implementation guidelines include specific instructions on how to implement a strategy. Some of these guidelines also include examples of how to publicize and evaluate the strategy. In an effort to reduce the length of this document, we only included links for those documents available electronically, with the expectation that the state and community grantees could print out the documents that they need.

Other Useful Publications

In some cases, a publication did not provide information that was specific enough to be considered an example of an implementation guideline, but it did provide a comprehensive overview of a strategy or set of strategies. These resources are listed at the end of the Examples of Implementation Guidelines. Included with these resources is a from The Marin Institute that can be ordered for free entitled, “The Roadmap for Environmental Prevention.” This resource is designed to “help you understand environmental prevention and how it can create policies, settings and community conditions that support positive choices about alcohol. Using real world success stories and engaging illustrations to bring the concepts to life, this publication is designed to help elected officials, foundation leaders, public health practitioners, and local advocates support communities in putting environmental prevention strategies into action.”

The following individuals contributed greatly to this effort:

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In addition, researchers from the Tennessee SPF-SIG and the Pacific Institute of Research and Evaluation (Knowlton Johnson, Bridgett Augustino-Wilke, and Andrew Treno) provided a valuable resource: *Literature and Resources on Environmental Strategies to Prevention Substance Use and Abuse*, which is included towards the end of this document.

Updates Still to Come

This binder is a work in progress. Some of the updates that will occur include:

- Adding a column to the Selection Guide to reflect CSAP's categories of environmental strategies (policy, enforcement, education, communication, collaboration).
- Adding environmental strategies related to illicit drugs and prescription drugs.
- Reviewing the Centers for Disease Control and Prevention Community Guide to identify other appropriate strategies.
- Including measures of implementation fidelity.

ENVIRONMENTAL STRATEGIES SELECTION GUIDE

Environmental Strategy	General Description Provided	Implementation Guidelines Available	Output Measures Defined	Effectiveness Assessed	Evidence-Based				Substance		Appropriate Populations
					Journal article	NREPP or other list	CAPT	Other	Targeted	Other Substances Could be Applied to	
RETAIL ACCESS											
Minimum age of purchase for alcohol and tobacco	✓			✓	✓				A, T		<21
Limit and restrict the location and density of retail alcohol outlets				✓					A		All
Conditional use permits/land use ordinances for alcohol outlets	✓	✓						✓	A		All
Regulations or bans on home delivery of alcohol	✓	✓						✓	A	T, Rx	<21
Responsible beverage service training	✓	✓	✓	✓	✓		✓	✓	A		<21
Checking age identification for alcohol and tobacco	✓	✓	✓	✓				✓	A,T		<21
Increase beverage servers' legal liability	✓		✓	✓	✓				A		<21
Minimum age of seller requirements	✓								A	T	<21
Instituting policies concerning cigarette vending machines	✓			✓	✓		✓		T		<16
Prohibiting minors from bars	No articles found.										
Methamphetamine precursor prohibition	✓	✓						✓	Meth		All

ENVIRONMENTAL STRATEGIES SELECTION GUIDE

Environmental Strategy	General Description Provided	Implementation Guidelines Available	Output Measures Defined	Effectiveness Assessed	Evidence-Based				Substance		Appropriate Populations
					Journal article	NREPP or other list	CAPT	Other	Targeted	Other Substances Could be Applied to	
SOCIAL ACCESS											
Curfews	No articles found.										
Laws against adult provision of alcohol and tobacco	No articles found.										
Teen party ordinances	See Party Patrols.										
Social host liability	✓							✓	A		All
Controls on alcohol service at private parties	No articles found.										
Alcohol restrictions at community events	✓	✓	✓	✓				✓	A	T	All
Beer keg registration	✓	✓						✓	A		All
SOCIAL NORMS											
Alcohol use restrictions in public places	✓								A	T	All
Social norms campaigns/Social marketing	✓	✓	✓	✓	✓			✓	A,T, OD		All
PROMOTION											
Alcohol and tobacco advertising restrictions in public places	✓	✓						✓	A,T		All
Prohibition of alcohol or tobacco sponsorship of events and other promotions	✓	✓					✓	✓	A,T		All
Countermarketing/counteradvertising campaigns	✓		✓	✓	✓			✓	A,T		All
Media advocacy	✓	✓		✓	✓			✓	A,T		All
Media literacy	✓	✓		✓	✓			✓	A,T		All

ENVIRONMENTAL STRATEGIES SELECTION GUIDE

Environmental Strategy	General Description Provided	Implementation Guidelines Available	Output Measures Defined	Effectiveness Assessed	Evidence-Based				Substance		Appropriate Populations
					Journal article	NREPP or other list	CAPT	Other	Targeted	Other Substances Could be Applied to	
PERCEIVED RISK											
Lower (less than .08) blood alcohol content limits	✓			✓					A		All
Graduated licensing policies	✓	✓		✓	✓		✓	✓	A		16-20
Revoke license for impaired drivers	✓	✓		✓	✓			✓	A		All
Use of mass media campaigns appropriately	✓	✓		✓	✓			✓	A,T		All
ATOD warning posters	✓		✓	✓	✓				A,T, OD		All
Media (e.g., billboards, PSAs) that describe penalties for certain offenses	✓			✓	✓				A,T		All
PRICING											
Increase price or taxes on alcohol or tobacco	✓	✓	✓	✓	✓			✓	A,T		All

ENVIRONMENTAL STRATEGIES SELECTION GUIDE

Environmental Strategy	General Description Provided	Implementation Guidelines Available	Output Measures Defined	Effectiveness Assessed	Evidence-Based				Substance		Appropriate Populations
					Journal article	NREPP or other list	CAPT	Other	Targeted	Other Substances Could be Applied to	
ENFORCEMENT											
Business/Merchant											
Compliance checks of alcohol or tobacco retailers	✓	✓	✓	✓	✓			✓	A,T		All
Administrative penalties	✓			✓				✓	A,T		All
Suppliers of Alcohol to Underage Youth											
"Party patrols"	✓	✓						✓	A		<21
"Shoulder-tap" enforcement programs	✓	✓		✓				✓	A		<21
Drivers											
Enforce impaired-driving laws	✓	✓		✓	✓		✓	✓	A		All
Sanctions and monitoring for convicted drunk drivers	✓			✓	✓			✓	A		All
Immobilize or impound the vehicles of those convicted of impaired driving	✓			✓				✓	A		All
Random BAC testing for drivers	✓			✓					A		All
Sobriety checkpoints and use of passive breath sensors	✓		✓	✓				✓	A		All
Highly visible roadside sobriety checkpoints	✓	✓	✓					✓	A		All
Open container laws	✓	✓						✓	A		All
Possession by Youth											
Apply appropriate penalties to minors in possession of alcohol or tobacco	✓	✓	✓	✓	✓	✓		✓	A,T		<21
"Cops in shops"	✓	✓		✓				✓	A	T	<21

ENVIRONMENTAL STRATEGIES SELECTION GUIDE

Environmental Strategy	General Description Provided	Implementation Guidelines Available	Output Measures Defined	Effectiveness Assessed	Evidence-Based				Substance		Appropriate Populations
					Journal article	NREPP or other list	CAPT	Other	Targeted	Other Substances Could be Applied to	
OTHER											
College campus policies (parental notification of campus alcohol infractions; substance-free housing)	✓		✓	✓				✓	A,T		<21
Developing "alcohol units" in law enforcement	✓	✓						✓	A		All
Community Mobilizing for Change on Alcohol	✓			✓	✓	✓			A		All
Community Prevention Trials	✓			✓	✓		✓		A		
Get to know state legislators-general policy development	✓	✓						✓	A,T		All
Support clean indoor air laws	✓			✓					T		All

EFFECTIVENESS ANALYSIS

The following summaries represent our attempt to briefly summarize the findings reported in the research with regard to the effectiveness of each of these strategies. Each summary begins with a list of the articles which provided some discussion of effectiveness.

Responsible Beverage Service Training (voluntary or mandatory)

Buka, S. L., & Birdthistle, I. J. (1999). Long-term effects of a community-wide alcohol server training intervention. *J Stud.Alcohol*, 60, 27-36. GD, E

Saltz, R. F., & Stanghetta, P. (1997). A community-wide Responsible Beverage Service program in three communities: Early findings. *Addiction*, 92, 237-250. GD, IG, E

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Responsible Beverage Service Training. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/rbst.shtm> GD, E

Wagenaar, A. C., Toomey, T. L., & Erickson, D. J. (2005). Preventing youth access to alcohol: outcomes from a multi-community time-series trial*. *Addiction*, 100, 335-345. GD, OM, E

The four articles above discuss the effectiveness of responsible beverage service training at reducing the number of patrons who become intoxicated, and who eventually drive while intoxicated. The general opinion of the articles is that the training is effective; however, the effectiveness varies greatly by the type of training. Training that is focused on specific behaviors, repeated at intervals, and paired with an increase in enforcement of related alcohol laws appears to be more effective.

Buka and Birdthistle (1999) review the results of the Rhode Island Community Alcohol Abuse and Injury Prevention Project, which utilized responsible beverage service training to reduce alcohol related injury and death. The study measured the self-reported behaviors of servers before and after training, and examined the “optimal amount of server training necessary to produce positive, long-lasting effects” (Project Objective, para. 2). They found that those servers participating in the project showed all of the desired behaviors more frequently than before training. While the effects diminished somewhat over time, they did remain significantly higher than the pre-training levels. They note that not all forms of server training are equally effective and suggest that “programs that target specific serving skills in repeat sessions may be most promising for improving server behavior” (Discussion, para. 5). Buka and Birdthistle find the results to be positive with regards to modifying server behavior, and suggest that it would be an effective strategy paired with “public education and programs targeted specifically to problem drinkers.”

Saltz and Stanghetta (1997) discuss the effectiveness of a community-wide responsible beverage service training program at reducing the likelihood of customer intoxication at licensed, on-premise establishments. Responsible beverage service programs were encouraged through a combination of incentives and disincentives, and close collaboration with hospitality industry representatives. An initial analysis of the program showed no significant changes in server

practices. However, the study did see “modest success as measured by the number of targeted businesses that came to training,” and having created a dialogue on responsible beverage service training at the community level (S247). Saltz and Stanghetta recommend increasing enforcement as a means of improving efficacy as the “enforcement of alcohol laws and the public perception of that enforcement is directly tied with the likelihood that skills learned in training will applied on the job” (S248).

The University of Minnesota’s Alcohol Epidemiology Program (2006) presents responsible beverage service training as an effective means of decreasing the likelihood that patrons will be intoxicated, and in turn, decreasing the likelihood that they will drive while intoxicated. They do note that the effectiveness of server training legislation varies greatly and that all laws showed room for improvement. They cite a study by Toomey et al. (2001) that indicated that sales to pseudo-intoxicated patrons at five bars participating in a pilot study decreased by 46% following training. An additional study by Saltz (1987) of server training at a United States Navy base indicated that where training was implemented “customer intoxication at the base was cut in half” (What research studies have shown, para. 2).

Wagenaar, Toomey, and Erickson (2005) assess the impact of training for management of retail alcohol establishments in the Complying with the Minimum Age project community trial. Establishments were offered a free, one-on-one 20-hour training program called the Alcohol Management Express to encourage the implementation of model alcohol policies and practices. Results indicated that the off-premise establishment training “had no effects on the likelihood of illegal sales to youth” (pg. 340). However, on-premise establishment training had an initial, non-significant reduction in sales, and an unexpected, “significant long-term increase in sales of approximately 7%” (pg. 341). They do note that it is possible that the effects of the training were delayed, and that they did observe a decrease in likelihood of sales to youth six weeks after training. Wagenaar, Toomey, and Erickson add that even if more effective training programs can be developed, “the overall effects of voluntary training will be limited by low participation rates”(pg. 343).

Checking Age Identification

Levinson, A. H., Hendershott, S., & Byers, T. E. (2002). The ID effect on youth access to cigarettes. *Tob Control, 11*, 296-299. GD, OM, E

Requirements to check age identification (ID) appear to be somewhat ineffective. The ID effect identified in the article above illustrates how showing a valid, underage ID can actually increase illegal sales of cigarettes. However, it is not implied that the strategy itself is ineffective on the whole, as the cause of the increase in illegal sales may be due a deficiency in the training of retail cigarette clerks on ID checking procedures.

Levinson, Hendershott, and Byers (2002) evaluated the results of a compliance check of age identification checks by retail cigarette clerks. The results indicated that most clerks do ask for ID, but also indicated that ID check requirements, as they currently stand, are not an effective environmental prevention strategy. The experiment found that the presentation of a valid, underage ID increased illegal sales to minors more than six fold compared to those who did not show ID at all. They suggest that additional training for retail clerks may help counter this ID effect.

Alcohol Restrictions at Community Events

Toomey, T. L., Erickson, D. J., Patrek, W., Fletcher, L. A., & Wagenaar, A. C. (2005). Illegal alcohol sales and use of alcohol control policies at community festivals. *Public Health Rep.*, 120, 165-173. GD, OM, E

The above article describes the effectiveness of alcohol restrictions at community festivals. While certain studies find that specific measures (such as compliance checks and server training) can help reduce illegal sales of alcohol to minors and intoxicated persons, the results of this study indicate that the number of policies rather than the specifics of the policies are effective at reducing sales to minors.

Toomey, Erickson, Patrek, Fletcher, and Wagenaar (2005) evaluated the “propensity for alcohol sales to underage customers and obviously intoxicated customers at community festivals” (p. 165). Previous studies have shown that community interventions, such as server training and compliance checks, have been useful at preventing illegal sales to those under 21 years of age. Toomey et al. (2005) utilized telephone interviews of community festival planners to assess implemented alcohol control policies, and utilized pseudo-intoxicated and pseudo-underage individuals to attempt to purchase alcohol. Of the 10 alcohol control policies specified, only restricting the number of servings per customer per sale was significantly related to predicting underage sales. However, there was a significant relationship between the policy index and the underage sales rate; thus suggesting that “festivals with more alcohol control policies in place—representing a more restrictive environment—were less likely to illegally sell alcohol to underage people” (p. 169).

Media Advocacy

Holder, H. D., & Treno, A. J. (1997). Media advocacy in community prevention: News as a means to advance policy change. *Addiction*, 92, S189-S199. GD, E

Wakefield, M., Flay, B., Nichter, M., & Giovino, G. (2003). Role of the media in influencing trajectories of youth smoking. *Addiction*, 98, 79-103. GD, E

The two articles above discuss the effectiveness of using media advocacy to influence the news media in a manner that will encourage both individuals and policy makers to take actions to reduce substance use and abuse behavior. Media advocacy training of community members appears to be an effective means of increasing the visibility of the target message. The effectiveness of the news coverage ultimately depends on the type of coverage, and if the message is linked to a local environmental prevention strategy.

Holder and Treno (1997) address the results of media advocacy in the Community Trials Project. By engaging in skills development training and technical assistance, such as collecting and organizing local data about alcohol-involved problems, learning approaches for interacting with news media, and organizing media events, a “noticeable increase in local news coverage of alcohol issues in the experimental communities” was found (S192). Holder and Treno also cite a study by Voas (1997) that indicates that an increase in local news coverage of DUI enforcement both increased the perceived risk of drunk driving by the public and provided support for increased police enforcement.

Holder and Treno find that the research indicates that training community members in media advocacy techniques will yield an increase in news events, which will in turn create an increase in both print and electronic news coverage of “local alcohol topics necessary to the community prevention effort” (p. S198). They also note that mass communication is best used as a reinforcer of specific environmental efforts and to create support for local prevention strategies (such as the DUI program). They cite an earlier study by Holder (1994) indicating that mass communication alone is not enough to “produce a reduction in alcohol-related trauma” (p. S191).

Wakefield, Flay, Nichter, and Giovino (2003) discuss the importance of media messages and their impact on youth smoking. They cite a study by Laugesen and Meads (1991) that showed that the number of tobacco purchases was significantly related to the number of weekly news stories about tobacco. While the effect was short-lived, it was “estimated that a doubling of news coverage had the same impact as a 10% increase in price” (91). Wakefield et. al (2003) also address the importance of the manner in which the media frames the issue, certain types of framing being more effective than others. They cite a time-series analysis by Fan (1996) indicating that the change in the public perception of drugs as the most important problem facing the United States, from 5% in 1985 to 60% in 1994, was explained “by increases in the news media describing drugs as ‘a crisis’, whereas other types of discussion about drugs contributed negligibly” (p. 91).

Media Literacy

Austin, E. W., Pinkleton, B. E., Hust, S. J. T., & Cohen, M. (2005). Evaluation of an American Legacy Foundation/Washington State Department of Health media literacy pilot study. *Health Communication, 18*, 75-95. GD, E

Gonzales, R., Glik, D., Davoudi, M., & Ang, A. (2004). Media literacy and public health: Integrating theory, research, and practice for tobacco control. *American Behavioral Scientist, 48*, 189-201. GD, E

The two articles on the topic of media literacy both find that media literacy training significantly improves the ability of adolescents to identify and resist tobacco advertising. While these two studies relate specifically to tobacco, there is also a suggestion that media literacy can be effectively used for other topics in health promotion and that it should be used more widely.

Austin, Pinkleton, Hust, and Cohen (2005) evaluated the effectiveness of a pilot program that employed media literacy training of adolescents as a tobacco use prevention strategy. The test group received lessons designed to “educate students about the tobacco industry’s efforts to target young people, help them create counter advertising, and encourage their own participation in tobacco use prevention activities” (80). The study found that the test group displayed a significant increase in understanding of advertising techniques, an increased level of “efficacy regarding the extent to which they would participate in advocacy and prevention activities,” and a reduced belief that most of their peers use tobacco (p. 75). The researchers also suggest that media advocacy may be effective in other decision making situations.

Gonzales, Glik, Davoudi, and Ang (2004) assessed the effectiveness of a media literacy curriculum designed to “raise students’ awareness and critical consciousness about the contemporary marketing strategies of tobacco companies via the media, in addition to advocacy and peer resistance training sessions” (p. 192). Post intervention the intervention group showed a significant increase in knowledge compared to the control group. A “slowing in the growth rate of existing positive attitudes toward tobacco” and a decrease in tobacco use were also found among the intervention group (p. 197). The researchers concluded that the study lends support to the growing body of research indicating that “media literacy is an effective approach to behavior change among adolescents” (p. 197).

Social Norms Campaigns/Social Marketing

- Glider, P., Midyett, S. J., Mills-Novoa, B., Johannessen, K., & Collins, C. (2001). Challenging the collegiate rite of passage: A campus-wide social marketing media campaign to reduce binge drinking. *J. Drug Educ.*, *31*, 207-220. GD, OM, E
- Gomberg, L., Schneider, S. K., & DeJong, W. (2001). Evaluation of a social norms marketing campaign to reduce high-risk drinking at The University of Mississippi. *Am. J Drug Alcohol Abuse*, *27*, 375-389. GD, E
- Haines, M. P., Perkins, H. W., Rice, R. M., & Barker, G. (2005). *A Guide to Marketing Social Norms for Health Promotion in Schools and Communities* National Social Norms Resource Center. <http://www.socialnorms.org/pdf/Guidebook.pdf> GD, IG, OM, E
- Martino-McAllister, J. & Wessel, M. T. (2005). An evaluation of a social norms marketing project for tobacco prevention with middle, high, and college students; use of funds from the Tobacco Master Settlement (Virginia). *J Drug Educ.*, *35*, 185-200. GD, IG, OM, E
- Russell, C. A., Clapp, J. D., & DeJong, W. (2005). Done 4: analysis of a failed social norms marketing campaign. *Health Commun.*, *17*, 57-65. GD, E
- Thombs, D. L., Dotterer, S., Olds, R. S., Sharp, K. E., & Raub, C. G. (2004). A close look at why one social norms campaign did not reduce student drinking. *J Am. Coll. Health*, *53*, 61-68. GD, E

The articles above all view social norms campaigns as effective means of influencing norms regarding tobacco and alcohol use, however, two of the articles illustrate the factors that can cause social norms campaigns to fail. In general, it is important to ensure that the campaign is easy to understand and presents information in a credible manner. One suggested solution is to involve the target audience in the production of the social norms campaign materials.

Glider, Midyett, Mills-Novoa, Johannessen, and Collins (2001) review the effects of a social marketing campaign on alcohol consumption at the University of Arizona. The campaign was developed to advertise majority norms around alcohol use on campus, to provide “a supporting educational component on lesser known or understood facts about alcohol,” and to offer an opportunity to redefine the “public conversation” around alcohol use (p. 210). The major outlet for the advertising effort was the school newspaper. Notably, the campaign avoided negative tactics, instead focusing on messages that were positive, inclusive, and empowering. After the first three years of implementation, the program indicated a 29.2% decrease in the student binge drinking rate and a 38% drop in the number of students who reported using alcohol in the past year. The study also indicated a change in student attitudes towards alcohol consumption, with the number of students believing that college students have 5 or more drinks when they party decreasing by 33.3%. The researchers conclude that social marketing offers a great deal of promise as it is both “cost-effective and community-empowering” (p. 219).

Gomberg, Schneider, and DeJong (2001) review the effects of a peer drinking social norms campaign conducted at the University of Mississippi. Freshmen, the intended primary target of the campaign, were surveyed on their alcohol use, attitudes towards alcohol, and exposure to the campaign. After the campaign the number of students accurately reporting that high risk drinking is not the norm increased from 23% of students to 31.6% of students. There was also a “decrease in freshmen’s self-reported alcohol consumption, although this effect could not be attributed singly to the campaign” (pg. 388). Overall the impact of the campaign was seen as “promising, but inconclusive” as the results could conclusively be attributed to the campaign, and may have simply been reflecting general trends among freshmen during that school year (pg. 386).

Haines et al. (2005) view social norms campaigns as “an evidence-based, data-driven process, and a very cost effective method of achieving large-scale, positive results” (pg. 20). They cite several studies conducted at the high school level as evidence of the effectiveness of social norms campaigns. The DeKalb County Partnership surveyed high school students to obtain an accurate reflection of their norms regarding alcohol and tobacco use and then developed and market tested social norms campaign messages for each school in the project Two years after implementation parents, teachers, and students “more accurately perceived the student norms of nonuse,” alcohol use among students decreased by 30.4%, and tobacco use among students decreased by 34.4 (pg. 14). Haines et al. cite two additional high school studies where strong positive trends were seen after the implementation of social norms campaigns. They conclude that social norms campaigns are a highly effective means of promoting healthy behaviors.

Martino-McAllister and Wessel (2005) discuss the impact of the Harrisonburg/Rockingham Tobacco Use Prevention Project and the Anti-Tobacco Media Blitz social norms marketing campaign. The campaign targeted students age 12-18 and “relied heavily on peer participation in creating, explaining, and disseminating the messages” (pg. 188). The campaign was effective both in that the majority of students surveyed recognized the messages in the ads and posters, and that both middle and high school students “showed a change in the desired direction regarding their perception of the number of their peers who think tobacco use in harmful to health” (pg. 195). However, the students still overestimated negative behaviors and underestimated positive attitudes. Martino-McAllister and Wessel stress that it is key to involve the target audience developing plans for goals for social norms campaigns.

Russell, Clapp, and DeJong (2005) examine the “Done 4” social norms campaign which was shown to be ineffective at changing student norms regarding alcohol consumption. The campaign materials were designed by a professional advertising agency and tested in student focus groups. At the end of the campaign only 9.5% percent of students recognized the campaign slogan, and students continued to overestimate the number of drinks consumed by students when partying. Russell, Clapp, and DeJong surveyed undergraduate marketing students as to the cause of campaign’s failure. They conclude that the campaign was ineffective because the social norms marketing materials were confusing and that students did not believe the statements made regarding norms. They stress that a campaign’s success depends on the “information being salient, understood, and memorable” and that post hoc advertising testing would be superior to focus groups in the design of social norms marketing campaigns (pg. 63).

Thombs et al. (2004) analyze the factors that caused a social norms marketing campaign at Kent State University to be ineffective. The majority of students were either “uncertain” about the validity of the statistics used in the campaign, or they found them to be “unbelievable” or “very unbelievable.” Thombs et al. find that students are reluctant to believe self-reported survey data on student drinking behavior. Students also had trouble understanding the campaign’s purpose. Only 38.5% of students correctly understood the reason of the campaign. Despite these findings Thombs et al. do not find the “conceptual underpinnings of the social norms model” and necessarily challenged (pg. 66). However, they do suggest that they do point to “need to develop more effective applications of the model” (pg. 66).

Graduated Licensing Policies

McIntosh, G., & Katcher, M. (2000). Graduated driver licensing in Wisconsin: A new law for teens and parents. *WMJ.*, 99, 31-3, 30. GD, E

McKnight, A. J., Peck, R. C., & Foss, R. D. (2002). Graduated driver licensing: What works? *Injury Prevention*, ii32-ii38. http://ip.bmjournals.com/cgi/reprint/8/suppl_2/ii32.pdf GD, E

Presser, D., & Stewart, K. (1998). *A Guide to Zero Tolerance and Graduated Licensing: Two Strategies That Work* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. <http://www.udetc.org/documents/Guide2zero.pdf> GD, E

US Department of Transportation, NHTSA. (2004). Graduated Driver Licensing System. 8-2-2006. <http://www.nhtsa.dot.gov/people/injury/new-fact-sheet03/GraduatedDriver.pdf> GD, IG, E

The four articles above address graduated licensing policies as a means of reducing the number of teenage motor vehicle crashes and related fatalities. While limits on blood alcohol levels are a common part of graduated licensing programs, none of the studies address their efficacy specifically. However, graduated licensing policies on the whole do appear to be an effective means of reducing the crash rate among teenagers. The length of the time the driver holds a permit before obtaining a license appears to be one of the more significant elements of the programs.

McIntosh and Katcher (2000) discuss the details of a new graduated licensing program being implemented in Wisconsin. However, the program is too new to have yielded any measurable results. McIntosh and Katcher do find graduated licensing to be an effective policy to “reduce the number of teenage motor vehicle crashes and fatalities” (p. 33). Data cited from a National Highway Traffic Safety Administration report (2000) indicate that a graduated licensing program in Ontario yielded a 73% reduction in the fatal crash rate among 16-year-old drivers. Upon the introduction of similar programs in Maryland and California the teen crash rate decreased by more than 5%.

McKnight, Peck, and Foss (2002) assess the effectiveness of several graduated licensing program elements. On the whole they find graduated licensing an effective means of reducing the per capita crash rate among teens. Specifically, they find that “a major portion of the decline in crashes can be attributed to the greater proportion of time spent driving on a permit” (p. ii34). Additionally, the initial implementation of these programs was found to yield a decrease in the number of young drivers who are licensed, due to the increased time required at the learner’s permit level. The researchers found that the drop in the number of licensed drivers also contributed a great deal to the decrease in crashes. Among the elements assessed, they found “extended learning, accelerated driver improvement interventions, night driving restrictions, and passenger restrictions” to all be effective to varying degrees (p. ii35).

Presseur and Stewart (1998) review graduated licensing as a means of reducing crashes among teenage drivers. They note that restrictions on alcohol levels, paired with restricted unsupervised night driving “should limit the extent to which alcohol and other drugs contribute to crash injury and fatality of young drivers” (p. 16). The researchers find that reductions in fatal crashes among teens have been demonstrated nationally by comparing those states with and without graduated licensing programs. A study by Ferguson, Leaf, Williams, and Presseur (1996) found that states that implemented licensing at an earlier age, but with several key components of graduated licensing, had higher crash rates among 16 year olds than those states which did not begin licensing until age 17. However, the states with graduated licensing began to see lower crash rates as the drivers increased in age, suggesting that those states “were better able to ‘ease’ young drivers into the traffic stream by allowing them to accumulate driving experience during the less hazardous daylight driving situations” (p. 13).

The National Highway Traffic Safety Administration (2004) finds that the effectiveness of adopting graduated licensing laws has been clearly demonstrated. They cite a Florida study (NHTSA, 2002) which found that a graduated licensing law “resulted in a 9 percent reduction in crashes for drivers who were between 16 and 17 years old.” Similar ongoing research in Michigan and North Carolina indicated “a 26 percent and 25 percent reduction respectively in crashes involving 16-year-old drivers.”

Revoke License for Impaired Drivers

Nichols, J. L., & Ross, H. L. (1989). *Surgeon General's Workshop on Drunk Driving: Background Papers: 'The Effectiveness of Legal Sanctions in Dealing with Drinking Drivers'* United States Public Health Service, Office of the Surgeon General.
http://profiles.nlm.nih.gov/NN/B/C/Y/B/_/nnbcyb.pdf GD, E

The study above indicates that revoking licenses for impaired drivers is among the most effective strategies available for deterring driving while intoxicated. In particular, the long-term withdrawal of licenses appears to be more effective than staying or suspending licenses.

Nichols and Ross (1989) review a number of studies on the effects of different types of sanctions as “deterrence-based policies for reducing alcohol-impaired driving” (p. 93). They find the three possible sanctions to be confinement in jails or other facilities, license revocation or suspension, and fines. Of the three, license revocation is both the most cost effective and the most effective at reducing recidivism. They cite a study by Ross (1987) which indicated that after the implementation of a new administrative licensing law a 15% reduction in the proportion of alcohol related fatalities was seen. A study by Sadler and Perrine (1985) found that longer license withdrawal periods yielded fewer subsequent crashes and convictions. Nichols and Ross conclude that the most effective strategies include withdrawing licenses rather than merely staying or suspending them, applying longer sanctions, and “not offering remedial programs in lieu of license actions” (p. 105).

Use of Mass Media Campaigns Appropriately

Eischen, M. H., Brownson, R. C., Davis, J. R., Cooperstock, L. R., Crawford, R., Freeman, D. et al. (1994). Grassroots efforts to promote tobacco-free schools in rural Missouri. *Am.J Public Health, 84*, 1336-1337. GD, E

Jason, L. A., Pokorny, S. B., Kohner, K., & Bennetto, L. (1994). An evaluation of the short-term impact of a media-based substance abuse prevention programme. *Journal of Community & Applied Social Psychology, 4*, 63-69. E

Wallack, L. M. (1981). Mass media campaigns: The odds against finding behavior change. *Health Educ.Q., 8*, 209-260. GD, E

Worden, J. K. (1999). Research in using mass media to prevent smoking. *Nicotine & Tobacco Research, 1*, S117-S121. GD, IG, E

The four articles above discuss the effectiveness of using mass media campaigns to change substance use and abuse behaviors, attitudes, and norms. In general, mass media campaigns have been shown to be most effective when used in conjunction with other environmental or participant-based strategies. Mass media campaigns used as a sole strategy tend to show little if any effect at reducing alcohol, tobacco, or other drug use.

Specifically, Eischen et al. (1994) discuss the results of a coalition-based effort to promote school tobacco policies. One component of the effort was a television campaign that consisted of paid and donated advertising. The messages were designed to address the impact of seeing adults smoking on school campuses and the dangers of second-hand smoke. The researchers conducted a follow-up survey with school districts, 75% of whom responded. They found that 6% (3 schools) had implemented tobacco policies because of the television campaign.

Jason, Pokorny, Kohner, and Bennetto (1994) evaluated a media-based substance abuse prevention campaign designed to “increase knowledge and awareness and to promote and direct audience participation in parent training workshops” (p. 63). The media campaign included newspaper and television advertising and was combined with parent training. The test group of parents received both advertising and parent training. A control group of parents did not receive the parent training. The study found that exposure to the advertising was not significantly different for the two groups. The researchers report that one of the major findings was a significant increase in substance abuse prevention knowledge among the test parents. The information presented in the training was taken directly from information included in the newspaper advertisement. The researchers suggest that this finding indicates that the media campaign alone was not effective at increasing alcohol and other drug knowledge.

Wallack (1981) reviews “the history, commonalities, assumptions and effects of planned, large-scale campaigns to communicate information to the general population to encourage moderation or abstinence in the use of alcohol, drugs, or tobacco” (p. 209). He reports that the impact of mass media campaigns on substance use behaviors is limited. After reviewing many studies on the effectiveness of mass media campaigns, Wallack concludes that while the direct effects of mass media on behavior are limited, “those who considered the use of mass media as

only a part of a comprehensive program to be examined found some interesting and positive results” (p. 230).

Finally, Worden’s (1999) article presents a set of challenges associated with mass media campaigns and a set of recommendations on how to use campaigns effectively. He also discusses a group of tobacco-use prevention studies that were implemented in the mid-1980s to assess the effects of broadcast interventions on youth. The study measured a group of youths who participated in a school-based prevention program. In addition, one group of students received the media campaign. The research found that the group that received both the school-based program and the media campaign reported lower rates of smoking than the group that only received the school-based intervention. In addition, the effects persisted 2 years after the media campaign ended. The study also found that the media campaign was most effective with those students at increased risk of becoming potential smokers.

Compliance Checks

Centers for Disease Control (2004). Enhanced Enforcement of Laws to Prevent Alcohol Sales to Underage Persons --- New Hampshire, 1999--2004. *Morbidity and Mortality Weekly Report*, 23, 452-454. <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5321a2.htm> GD, E

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Compliance Checks. <http://www.epi.umn.edu/alcohol/policy/compchks.shtm> GD, IG, E

Wagenaar, A. C., Toomey, T. L., & Erickson, D. J. (2005). Preventing youth access to alcohol: outcomes from a multi-community time-series trial*. *Addiction*, 100, 335-345. GD, OM, E

The three articles above discuss the effectiveness of compliance checks at reducing sales of alcohol to minors. In general, compliance checks appear to be an effective means of achieving this, especially when paired with increased media coverage and increased penalties for non-compliance.

The Morbidity and Mortality Weekly Report (2004) cites a study of compliance checks conducted by the Concord, New Hampshire Police Department (CPD) and the New Hampshire Liquor Commission. The CPD conducted an increased enforcement campaign, which included quarterly compliance checks of all off-sale alcohol licensees, enhanced administrative penalties for noncompliance, and media coverage of the enhanced enforcement activities. The increased enforcement “resulted in a 64% reduction in retail alcohol sales to underage youths” and at least a temporary decline in the number of students in the study who reported alcohol use and binge drinking (p. 452).

The University of Minnesota’s Alcohol Epidemiology Program (2006) views compliance checks as an effective means to reduce alcohol sales to minors. They cite a study by Waagenar, Toomey, and Erickson (2005), which found that sales to youth were “reduced immediately by 17% in alcohol establishments that experienced a check” (Why compliance checks are important for your community, para. 2). They also cite an article by Kelling (2005) indicating that after two waves of compliance checks, the compliance rate of alcohol establishments in Butte, Montana jumped from 61% after the first wave of checks to 81% after the second. They note that effectiveness may be further increased if compliance checks are “coupled with administrative penalties that allow local governments to impose sanctions on non-compliant licensees” (How compliance checks fit into a larger context, para. 1).

Wagenaar, Toomey, and Erickson (2005) assess the impact of enforcement checks of alcohol establishments in the Complying with the Minimum Age project community trial. Results indicated that there was a 17% decrease in sales of alcohol to youth at off-premise establishments immediately following a law enforcement check. The effect decayed to an 11% decrease two weeks after the check, and to a 3% decrease in the 2 months following an enforcement check. However, “enforcement effects eventually decay to zero, with no residual long-term permanent effect” (p. 340). Enforcement checks at on-premise establishments had a more lasting effect with a long-term decrease in sales of 8.2%. Wagenaar et al. conclude that

enforcement checks are an effective strategy, but that given the rapid decay of the deterrence effect the “common practice of one enforcement check per year is not sufficient” (pg. 341).

“Shoulder-Tap” Enforcement Programs

State of California, Department of Alcoholic Beverage Control. Shoulder Tap Program. 8-1-2006. http://www.abc.ca.gov/programs/Shoulder_tap.html GD, E

Shoulder tap enforcement programs appear to be an effective means of reducing the number of adults purchasing alcohol for minors. In the above study, the use of minors as decoys, paired with working closely with the local police department and the media, yielded a strong reduction in the number of patrons willing to purchase alcohol for minors.

The California Department of Alcoholic Beverage Control (2006) has found positive results from their shoulder tap enforcement programs. By utilizing underage decoys to solicit adults for alcohol purchases, and then drawing media attention to the resulting arrests, they effectively reduced the number of adults willing to buy alcohol for minors from one out of every three to only one out of 35 adults. They also reported that “local liquor stores became more active in calling the police or sheriff’s department to report minors loitering in front of their stores” (Case Example: Sutter County/Yuba City, para. 3).

Enforce Impaired Driving Laws

Voas, R. B. (1997). Drinking and driving prevention in the community: Program planning and implementation. *Addiction, 92 Suppl 2*, S201-S219. GD, IG, E

The enforcement of impaired driving laws, paired with increased media attention to the enforcement, serves as an effective strategy for calling attention to drinking and driving problems and stopping the trend of lower numbers of arrests. The article above also notes that sustained efforts are needed for any long-term effects, as the impact of the program will diminish if discontinued.

Voas (1997) reviewed the results of the drinking and driving component of the Community Trials Project, which was designed to “reduce alcohol-involved crashes through an increase in drunk driving enforcement and public awareness of enforcement” (S201). The study combined state grants for additional officer hours for enforcement, the provision of new breathalyzer equipment, and high visibility DUI enforcement, with media advocacy and a community leader task force. Voas cites Vingilis and Salutin (1980) to state that it is the perception of risk, and not the actual detection risk, which is significant to the deterrence of drunk driving; thus the media component is key to effectiveness.

The results differed somewhat between the test sites, but overall the drinking and driving component was effective at stopping “the trend to lower numbers of arrests and attract increased public attention to the drinking driving problem” (S218). Voas finds that the most effective new element to the program was the use of media advocacy to attract coverage to the new enforcement efforts. He adds that enforcement efforts that cannot be permanently sustained are “likely to lose impact once terminated” (S202). However, a study by Voas and Hause (1987) did find that after the completion of such a program, the nighttime motor vehicle crash rate leveled off at about 10% below the pre-program period, indicating that enforcing impaired driving law programs does have some lasting effect.

Apply Appropriate Penalties to Minors

Lazovich, D., Ford, J., Forster, J., & Riley, B. (2001). A Pilot Study to Evaluate a Tobacco Diversion Program. *American Journal of Public Health, 91*, 1790. GD, OM, E

Martin, S. (1996). Zero tolerance laws: Effective public policy? *Alcohol Clin.Exp.Res.*, 20, 147A-150A. GD, OM, E

Presseur, D., & Stewart, K. (1998). *A Guide to Zero Tolerance and Graduated Licensing: Two Strategies That Work*. Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice.
<http://www.udetc.org/documents/Guide2zero.pdf> GD, E

Wakefield, M., & Giovino, G. (2003). Teen penalties for tobacco possession, use, and purchase: Evidence and issues. *Tob Control, 12 Suppl 1*, i6-13. GD, E

All of the above articles deal with applying appropriate penalties to minors; two deal specifically with zero tolerance policies for youth driving while under the influence, and two deal with youth tobacco possession, use, and purchase (PUP) laws. Zero tolerance laws appear to be an effective means of reducing the number of youths who drink and drive, especially when paired with a media effort to raise awareness and the impression of risk among youths. However, PUP laws come across as less effective, largely due to the fact that the laws are more difficult to enforce compared to zero tolerance laws. For both types of policies, media advocacy is key to ensure that individuals are aware of the laws and the fact that they are being enforced.

Lazovich, Ford, Forster, and Riley (2001) studied the effects of a tobacco diversion program on youth smoking habits. Youths cited for smoking received the option of choosing between a fine and attending a tobacco diversion program. The program utilized open discussions, visual aids, and participatory exercises in addition to providing resources for smoking cessation. The study found only minor differences in readiness to quit smoking after attending the program compared to the initial interview. Also, only 35% of those in the study sample chose the program over the fine. The researchers suggested that youth receptiveness to the program might be reduced if they view the program as punishment or coercive. The study also found that 23.3% of those who paid the fine reported not smoking in the past month, compared to only 5.1% of those who attended the program. The study indicates that tobacco diversion programs, as applied in the study, are not an effective means of reducing youth tobacco use.

Martin (1996) evaluated the impact of the California Zero Tolerance Law for drivers under the age of 21 on the attitudes and behaviors of youth, including driving and drinking and fatalities related to driving under the influence. In the first year of the zero tolerance law the total number of citations to underage drivers remained essentially the same, and in the first two years of the law “the perceived risk of being stopped or being tested and suspended did not change significantly” (p. 149A). However, the law did appear effective in that the “proportion of tested drivers in fatal crashes with positive BALs (Blood Alcohol Levels) and the proportion of fatal crashes that involve single vehicles at night” showed a greater post-law decline among youth under 21 years of age in California than was found in comparison states or among older

drivers in California (p. 149A). Martin suggests that the effectiveness may increase over time as attitudes change and enforcement begins to improve.

Presseur and Stewart (1998) discuss zero tolerance laws as a means of preventing drunk driving by youth. They cite a study by Hingson, Heeren, and Winter (1991) on the first four states to establish zero tolerance laws. These states saw a 34% decline in nighttime fatal crashes among the target group of adolescents, and a decline that was “one-third greater than a similar decline observed in four selected nearby comparison states” (p. 5). They add that public awareness campaigns can increase the effectiveness of zero tolerance laws even further. They cite a study by Blomberg (1993) which indicated that upon enacting their zero tolerance law, Maryland experienced an 11% statewide reduction in the number of drivers under age 21 who crashed after drinking, while those counties that implemented special public education campaigns saw alcohol related crashes reduced by as much as 50%. Presseur and Stewart conclude that the zero tolerance laws are highly effective as they have created a substantial reduction in crashes, “particularly in those places where the law has been well publicized” (p. 7).

Wakefield and Giovino (2003) address the effectiveness of PUP laws as a means of reducing youth smoking at the population level. They discuss several studies on the implementation of the laws and find it “difficult to conclude that there are strong positive effects from PUP laws” (p. i11). While certain studies do indicate slight positive effects, Wakefield and Giovino argue that on a theoretical and practical level PUP laws are ineffective because the offenders have a low likelihood of detection and an uncertain punishment, there is a large potential for active avoidance of the law, and there is a long time delay between the offense and the punishment. They note that enforcement efforts would need to be “accompanied by concerted media advocacy” to let people know the law is being enforced (p. i8). Additionally, the strategy may be more effective with “younger and more conventional youth” than with “older and more marginal youth” (p. i11). They also express concern that PUP laws may divert attention from tobacco control strategies that have been proven effective.

Cops in Shops

The Century Council. Cops in Shops. 8-3-2006.

<http://www.centurycouncil.org/underage/cops.html> GD, E

The article above discusses the effectiveness of Cops in Shops program at preventing youth access to alcohol. Cops in Shops programs appear to be effective at both reducing the number of adults willing to purchase alcohol for minors, and increasing the chance that minors attempting purchases will be apprehended.

The Century Council (2006) finds that Cops in Shops programs have been effective as a means to “stop underage alcohol purchases and prevent adults from purchasing for kids” (Cops in Shops, para. 1). A survey of high school and college students in communities with Cops in Shops programs found that adults were less likely to be willing to purchase alcohol for minors, and that “it was more likely someone under the age of 21 would get caught and arrested for purchasing alcohol following the launch of the program” (Program Success, para. 2). An evaluation of a number of underage drinking prevention projects, conducted by the National Highway Traffic Safety Administration, found that the Cops in Shops program was the only program to have a significant “impact on reducing underage alcohol-related crashes among youth” (Program Success, para. 1).

REFERENCE LIST

Key:

GD: General description provided
IG: Implementation guidelines provided
OM: Output measures provided
E: Effectiveness assessed

RETAIL ACCESS

Minimum age of purchase for alcohol and tobacco

Ahmad, S. (2005). Closing the youth access gap: the projected health benefits and cost savings of a national policy to raise the legal smoking age to 21 in the United States. *Health Policy*, 75, 74-84. GD

Ahmad, S. (2005). The cost-effectiveness of raising the legal smoking age in California. *Med Decis.Making*, 25, 330-340. GD

Ahmad, S. & Billimek, J. (2006). Limiting youth access to tobacco: Comparing the long-term health impacts of increasing cigarette excise taxes and raising the legal smoking age to 21 in the United States. *Health Policy*. GD

Limit and Restrict the Location and Density of Retail Alcohol Outlets

Treno, A. J., Gruenewald, P. J., & Johnson, F. W. (2001). Alcohol availability and injury: the role of local outlet densities. *Alcohol Clin.Exp.Res.*, 25, 1467-1471. E

Conditional Use Permits/Land Use Ordinances for Alcohol Outlets

The Marin Institute. (2006). Land-Use Ordinances Action Pack. 7-27-2006.
http://www.marininstitute.org/action_packs/land_use.htm GD, IG

Regulations or Bans on Home Delivery of Alcohol

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Alcohol Home Delivery Restrictions. 7-28-2006. <http://www.epi.umn.edu/alcohol/policy/homdeliv.shtm> GD, IG

Responsible Beverage Service Training (voluntary or mandatory)

Buka, S. L. & Birdthistle, I. J. (1999). Long-term effects of a community-wide alcohol server training intervention. *J Stud.Alcohol*, 60, 27-36. GD, E

Daly, J. B., Campbell, E. M., Wiggers, J. H., & Considine, R. J. (2002). Prevalence of responsible hospitality policies in licensed premises that are associated with alcohol-related harm. *Drug & Alcohol Review*, 21, 113-120. GM, OM

National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, Alcohol Policy Information System. (2004). Selected Policy: Beverage Service Training. <http://alcoholpolicy.niaaa.nih.gov/> GD

Pacific Institute for Research and Evaluation. Preventing Sales of Alcohol to Minors: What You Should Know About Merchant Education Programs. Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. 8-1-2006. <http://www.udetc.org/documents/merchanted.pdf> GD

Saltz, R. F. & Stanghetta, P. (1997). A community-wide Responsible Beverage Service program in three communities: early findings. *Addiction*, 92, 237-250. GD, IG, E

Toomey, T. L., Kilian, G. R., Gehan, J. P., Perry, C. L., Jones-Webb, R., & Wagenaar, A. C. (1998). Qualitative assessment of training programs for alcohol servers and establishment managers. *Public Health Rep.*, 113, 162-169. GD, OM

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Responsible Beverage Service Training. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/rbst.shtm> GD, E

University of Nebraska-Lincoln, Office of Extended Education & Outreach Web Design Team. (2002). Responsible Beverage Service Training. 8-1-2006. <http://eeando.unl.edu/rbst/ne/> GD, IG

Wagenaar, A. C., Toomey, T. L., & Erickson, D. J. (2005). Preventing youth access to alcohol: outcomes from a multi-community time-series trial*. *Addiction*, 100, 335-345. GD, OM, E

Checking Age Identification for Alcohol and Tobacco

Levinson, A. H., Hendershott, S., & Byers, T. E. (2002). The ID effect on youth access to cigarettes. *Tob Control*, 11, 296-299. GD, OM, E

National Highway Traffic Safety Administration, U.S. Department of Transportation (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation. http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html GD, IG

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Checking Age Identification. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/checkid.shtm> GD, IG

Increase Beverage Servers' Legal Liability

Wagenaar, A. C. & Holder, H. D. (1991). Effects of alcoholic beverage server liability on traffic crash injuries. *Alcohol Clin.Exp.Res.*, 15, 942-947. GD, OM, E

Minimum Age of Seller Requirements

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Minimum Age of Seller Requirements. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/sellrage.shtm> GD

Instituting Policies Concerning Cigarette Vending Machines

Forster, J. L., Hourigan, M. E., & Kelder, S. (1992). Locking Devices on Cigarette Vending Machines: Evaluation of a City Ordinance. *American Journal of Public Health, 82*, 1217. GD, E

Lando, H. A., Bluhm, J., & Forster, J. (1991). The Ban on Cigarette Vending Machines in Bloomington, Minnesota. *American Journal of Public Health, 81*, 1339-1340. GD

Prohibiting Minors from Bars

No articles found.

Methamphetamine Precursor Prohibition

State of Illinois, Office of the Attorney General. (2005). *Training for Retailers on the Methamphetamine Precursor Control Act (MPCA)* State of Illinois, Office of the Attorney General.

http://www.illinoisattorneygeneral.gov/methnet/laws_legislation/MPCA_retailer_training.pdf GD, IG

SOCIAL ACCESS

Curfews

No articles found.

Laws Against Adult Provision of Alcohol and Tobacco

No articles found.

Teen Party Ordinances/Party Patrols

Michigan Office of Highway Safety Planning & U.S. Department of Justice. Underage Alcohol Enforcement Response Team. 8-1-2006.

[http://michigan.gov/documents/Underage Drinking Response Team Manual 110124 7.pdf](http://michigan.gov/documents/Underage_Drinking_Response_Team_Manual_110124_7.pdf) GD, IG

Morrison, W. & Didone, T. (2005). *A Practical Guide to Preventing and Dispersing Underage Drinking Parties* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice.

<http://www.udetc.org/documents/UnderageDrinking.pdf> GD, IG

National Highway Traffic Safety Administration, U. S. Department of Transportation (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.

[http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book 5 Enforcement.html](http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html) GD, IG

Social Host Liability

Institute for Public Strategies. (2003). *Adult Accountability for Underage Drinking: The Case for Social Host Laws*. 8-1-2006.

http://www.publicstrategies.org/pdfs/East_Social_Host_5_03.pdf GD

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). *Social Host Liability*. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/hostliab.shtm> GD

Controls on Alcohol Service at Private Parties

No articles found.

Alcohol Restrictions at Community Events

Institute for Public Strategies. (2003). *Issue briefing: Keeping your special event festive and safe: A planning guide for Ventura County communities*.

http://www.publicstrategies.org/pdfs/ventura_special_events_updated.pdf GD, IG

Toomey, T. L., Erickson, D. J., Patrek, W., Fletcher, L. A., & Wagenaar, A. C. (2005). *Illegal alcohol sales and use of alcohol control policies at community festivals. Public Health Rep., 120, 165-173.* GD, OM, E

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Alcohol Restrictions at Community Events. 7-28-2006. <http://www.epi.umn.edu/alcohol/policy/atevents.shtml> GD

Beer Keg Registration

National Institutes of Health, N. I. o. A. A. a. A. A. P. I. S. (2004). Selected Policy: Keg Registration. <http://alcoholpolicy.niaaa.nih.gov/> GD

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Beer Keg Registration. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/beerkeg.shtml> GD, IG

Wagenaar, A. C., Harwood, E. M., Silianoff, C., & Toomey, T. L. (2005). Measuring public policy: The case of beer keg registration laws . *Evaluation and Program Planning*, 359-367. <http://legistar.cityofgainesville.org/attachments/2333.pdf> GD

SOCIAL NORMS

Alcohol Use Restrictions in Public Places

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Alcohol Restrictions on Public Property. 7-28-2006. <http://www.epi.umn.edu/alcohol/policy/userestr.shtml> GD

Social Norms Campaigns/ Social Marketing

Community Tool Box. (2006). Implementing a Social Marketing Effort. University of Kansas. 7-27-2006. http://ctb.ku.edu/tools/tk/en/tools_tk_13.jsp GD

Glider, P., Midyett, S. J., Mills-Novoa, B., Johannessen, K., & Collins, C. (2001). Challenging the collegiate rite of passage: a campus-wide social marketing media campaign to reduce binge drinking. *J. Drug Educ.*, 31, 207-220. GD, OM, E

Gomberg, L., Schneider, S. K., & DeJong, W. (2001). Evaluation of a social norms marketing campaign to reduce high-risk drinking at The University of Mississippi. *Am. J Drug Alcohol Abuse*, 27, 375-389. GD, E

Haines, M. P., Perkins, H. W., Rice, R. M., & Barker, G. (2005). *A Guide to Marketing Social Norms for Health Promotion in Schools and Communities* National Social Norms Resource Center. <http://www.socialnorms.org/pdf/Guidebook.pdf> GD, IG, OM, E

Higher Education Center. (12-12-2002). Research and Evaluation of Social Norms Campaigns. <http://www.higheredcenter.org/socialnorms/research.html> GD, IG, OM

Lin, C. A. & Hullman, G. A. (2005). Tobacco-Prevention Messages Online: Social Marketing via the Web. *Health Communication*, 18, 177-193. GD, IG

- Martino-McAllister, J. & Wessel, M. T. (2005). An evaluation of a social norms marketing project for tobacco prevention with middle, high, and college students; use of funds from the Tobacco Master Settlement (Virginia). *J Drug Educ.*, 35, 185-200. GD, IG, OM, E
- Ott, C. H. & Haertlein, C. (2002). Social norms marketing: a prevention strategy to decrease high-risk drinking among college students. *Nurs.Clin.North Am.*, 37, 351-64, ix. GD
- Russell, C. A., Clapp, J. D., & DeJong, W. (2005). Done 4: analysis of a failed social norms marketing campaign. *Health Commun.*, 17, 57-65. GD, E
- Thombs, D. L., Dotterer, S., Olds, R. S., Sharp, K. E., & Raub, C. G. (2004). A close look at why one social norms campaign did not reduce student drinking. *J Am.Coll.Health*, 53, 61-68. GD, E

PROMOTION

Alcohol and Tobacco Advertising Restrictions in Public Places

- Hackbarth, D. P., Schnopp-Wyatt, D., Katz, D., Williams, J., Silvestri, B., & Pflieger, M. (2001). Collaborative research and action to control the geographic placement of outdoor advertising of alcohol and tobacco products in Chicago. *Public Health Rep.*, 116, 558-567. GD, IG

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Alcohol Advertising Restrictions. 7-28-2006. <http://www.epi.umn.edu/alcohol/policy/adrstrct.shtm> GD

Prohibition of Alcohol or Tobacco Sponsorship of Public Events

- The Center on Alcohol Marketing and Youth. (2006). Legal Resources. 7-28-2006. <http://camy.org/action/legalresources.php> GD

Public Health Institute, Technical Assistance Legal Center. (6-24-2003). Model Policy for Motor Sports: Prohibiting Tobacco Sponsorship. http://talc.phlaw.org/pdf_files/0004.pdf IG

Public Health Institute, Technical Assistance Legal Center. (6-24-2003). Model Policy for Rodeos: Prohibiting Tobacco Sponsorship. http://talc.phlaw.org/pdf_files/0003.pdf IG

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Alcohol Sponsorship Restrictions. 7-28-2006. <http://www.epi.umn.edu/alcohol/policy/sponsrad.shtm> GD

Countermarketing/Counteradvertising Campaigns

- Agostinelli, G. & Grube, J. W. (2002). Alcohol Counter--Advertising and the Media. *Alcohol Research & Health*, 26, 15. GD, E

Andrews, J. C., Netemeyer, R. G., Burton, S., Moberg, D. P., & Christiansen, A. (2004). Understanding Adolescent Intentions to Smoke: An Examination of Relationships Among Social Influence, Prior Trial Behavior, and Antitobacco Campaign Advertising. *Journal of Marketing*, 68, 110-123. GD, E

- Block, L. G., Morwitz, V. G., Putsis, W. P., Jr., & Sen, S. K. (2002). Assessing the impact of antidrug advertising on adolescent drug consumption: results from a behavioral economic model. *Am.J.Public Health, 92*, 1346-1351. E
- Farrelly, M. C., Heaton, C. G., Davis, K. C., Messeri, P., Hersey, J. C., & Haviland, M. L. (2002). Getting to the Truth: Evaluating National Tobacco Countermarketing Campaigns. (Cover story). *American Journal of Public Health, 92*, 901. GD, OM, E
- McKenna, J. W. & Williams, K. N. (1993). Crafting effective tobacco counteradvertisements: lessons from a failed campaign directed at teenagers. *Public Health Rep., 108 Suppl 1*, 85-89. GD, OM, E
- Niederdeppe, J., Farrelly, M. C., & Haviland, M. L. (2004). Confirming "truth": More Evidence of a Successful Tobacco Countermarketing Campaign in Florida. *American Journal of Public Health, 94*, 255-257. OM, E
- Niederdeppe, J., Hersey, J. C., Farrelly, M. C., Haviland, M. L., & Heaton, C. G. (2005). Comparing Adolescent Reactions to National Tobacco Countermarketing Advertisements Using Web TV. *Social Marketing Quarterly, 11*, 3-18. E
- Sly, D. F., Heald, G. R., & Ray, S. (2001). The Florida "truth" anti-tobacco media evaluation: design, first year results, and implications for planning future state media evaluations. *Tob.Control, 10*, 9-15. GD, OM, E
- Wakefield, M., Flay, B., Nichter, M., & Giovino, G. (2003). Role of the media in influencing trajectories of youth smoking. *Addiction, 98*, 79-103. GD, E
- Zucker, D., Hopkins, R. S., Sly, D. F., Urich, J., Kershaw, J. M., & Solari, S. (2000). Florida's "truth" campaign: a counter-marketing, anti-tobacco media campaign. *J.Public Health Manag.Pract., 6*, 1-6. GD, OM, E

Media Advocacy

- Holder, H. D. & Treno, A. J. (1997). Media advocacy in community prevention: news as a means to advance policy change. *Addiction, 92*, S189-S199. GD, E
- The Marin Institute. (2006). Media Advocacy Action Pack. 7-27-2006.
http://www.marininstitute.org/action_packs/media_advocacy.htm GD, IG
- US Department of Transportation, National Highway Traffic Safety Administration. Zero Tolerance Means Zero Chances. 8-3-2006.
<http://www.nhtsa.dot.gov/people/injury/alcohol/zero/> GD, IG
- Wakefield, M., Flay, B., Nichter, M., & Giovino, G. (2003). Role of the media in influencing trajectories of youth smoking. *Addiction, 98*, 79-103. GD, E
- Wilbur, P. M. & Stewart, K. (1999). *Strategic Media Advocacy for Enforcement of Underage Drinking Laws* Pacific Institute for Research and Evaluation in support of the OJJDP

Enforcing the Underage Drinking Laws Program.
<http://prev.org/documents/mediaadvocacy.pdf> GD, IG

Media Literacy

Austin, E. W., Pinkleton, B. E., Hust, S. J. T., & Cohen, M. (2005). Evaluation of an American Legacy Foundation/Washington State Department of Health Media Literacy Pilot Study. *Health Communication, 18*, 75-95. GD, E

Gonzales, R., Glik, D., Davoudi, M., & Ang, A. (2004). Media Literacy and Public Health: Integrating Theory, Research, and Practice for Tobacco Control. *American Behavioral Scientist, 48*, 189-201. GD, E

U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse and Prevention, with the Centers for Disease Control and Prevention Office of Smoking and Health. Mediasharp: Analyzing tobacco and alcohol messages leader's guide.
http://www.cdc.gov/tobacco/educational_materials/mdiashrp.pdf GD, IG

PERCEIVED RISK

Lower (Less than .08) BAC Limits

Fell, J. C. & Voas, R. B. (2006). The effectiveness of reducing illegal blood alcohol concentration (BAC) limits for driving: Evidence for lowering the limit to .05 BAC. *Journal of Safety Research, 233-243*. GD, E

Graduated Licensing Policies

Branche, C., Williams, A. F., & Feldman, D. (2002). Graduated Licensing for Teens: Why Everybody's Doing It. *Journal of Law, Medicine & Ethics, 30*, 146. GD

Fildes, B. & Langford, J. (2002). Graduated licensing programmes and young-driver crashes. *Lancet, 359*, 725. GD

McIntosh, G. & Katcher, M. (2000). Graduated driver licensing in Wisconsin: a new law for teens and parents. *WMJ., 99*, 31-3, 30. GD, E

McKnight, A. J., Peck, R. C., & Foss, R. D. (2002). Graduated driver licensing: What works? *Injury Prevention, ii32-ii38*. http://ip.bmjournals.com/cgi/reprint/8/suppl_2/ii32.pdf GD, E

Pressieur, D. & Stewart, K. (1998). *A Guide to Zero Tolerance and Graduated Licensing: Two Strategies That Work* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice.
<http://www.udetc.org/documents/Guide2zero.pdf> GD, E

Steenbergen, L. C., Kidd, P. S., Pollack, S., McCoy, C., Pigman, J. G., & Agent, K. R. (2001). Kentucky's graduated driver licensing program for young drivers: barriers to effective local implementation. *Inj.Prev.*, 7, 286-291. GD, IG

US Department of Transportation, N. H. T. S. A. (2004). Graduated Driver Licensing System. 8-2-2006. <http://www.nhtsa.dot.gov/people/injury/new-fact-sheet03/GraduatedDriver.pdf> GD, IG, E

Revoke License for Impaired Drivers

Nichols, J. L. & Ross, H. L. (1989). *Surgeon General's Workshop on Drunk Driving: Background Papers: 'The Effectiveness of Legal Sanctions in Dealing with Drinking Drivers'* United States Public Health Service, Office of the Surgeon General. http://profiles.nlm.nih.gov/NN/B/C/Y/B/_/nnbcyb.pdf GD, E

U.S. Department of Transportation, National Highway Traffic Safety Administration. (2003). Administrative License Revocation (Suspension). 8-3-2006. <http://www.nhtsa.dot.gov/people/injury/New-fact-sheet03/AdminLicenseRevocn.pdf> GD, IG

Use of Mass Media Campaigns Appropriately

Dejong, W. (2002). The role of mass media campaigns in reducing high-risk drinking among college students. *J.Stud.Alcohol Suppl*, 182-192. GD, IG

Eischen, M. H., Brownson, R. C., Davis, J. R., Cooperstock, L. R., Crawford, R., Freeman, D. et al. (1994). Grassroots efforts to promote tobacco-free schools in rural Missouri. *Am.J Public Health*, 84, 1336-1337. GD, E

Jack, S. M., Bouck, L. M., Beynon, C. E., Ciliska, D. K., & Mitchell, M. J. (2005). Marketing a hard-to-swallow message: recommendations for the design of media campaigns to increase awareness about the risks of binge drinking. *Can.J.Public Health*, 96, 189-193. GD, IG

Jason, L. A., Pokorny, S. B., Kohner, K., & Bennetto, L. (1994). An Evaluation of the Short-term Impact of a Media-based Substance Abuse Prevention Programme. *Journal of Community & Applied Social Psychology*, 4, 63-69. E

Kelder, S. H., Maibach, E., Worden, J. K., Biglan, A., & Levitt, A. (2000). Planning and initiation of the ONDCP National Youth Anti-Drug Media Campaign. *J.Public Health Manag.Pract.*, 6, 14-26. GD, IG

National Highway Traffic Safety Administration, U.S. Department of Transportation. (2001). *Community How to Guide On Media Relations* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation. http://www.nhtsa.dot.gov/people/injury/alcobol/Community%20Guides%20HTML/Book7_MediaRelations.html#Intro GD, IG

Wallack, L. M. (1981). Mass media campaigns: the odds against finding behavior change. *Health Educ.Q.*, 8, 209-260. GD, E

Worden, J. K. (1999). Research in using mass media to prevent smoking. *Nicotine & Tobacco Research*, 1, S117-S121. GD, IG, E

ATOD Warning Posters

Fenaughty, A. M. & MacKinnon, D. P. (1993). Immediate Effects of the Arizona Alcohol Warning Poster. *Journal of Public Policy & Marketing*, 12, 69-77. GD, OM, E

Media (e.g. billboards, PSAs) that Describes Penalties for Certain Offenses

Duhl, L. J. & Drake, J. F. (1995). The healing power of art. *Trustee*, 48, 24. GD

Just say no (2000). *Economist*, 357, 36-37. E

PRICING

Increase Price or Taxes on Alcohol or Tobacco

Ahmad, S. (2005). Increasing excise taxes on cigarettes in California: a dynamic simulation of health and economic impacts. *Prev.Med*, 41, 276-283. GD

Ahmad, S. & Billimek, J. (2006). Limiting youth access to tobacco: Comparing the long-term health impacts of increasing cigarette excise taxes and raising the legal smoking age to 21 in the United States. *Health Policy*. GD

Babor, T., Caetano, R., Casswell, S., Edwards, G., Giesbrecht, K., Graham, K. et al. (2003). *Alcohol: No Ordinary Commodity: Research and Public Policy*. New York: Oxford University Press. GD, E

Chaloupka, F. J., Grossman, M., & Saffer, H. (2002). The effects of price on alcohol consumption and alcohol-related problems. *Alcohol Res.Health*, 26, 22-34. GD, OM, E

DeSimone, J. & Farrelly, M. C. (2003). Price and Enforcement Effects on Cocaine and Marijuana Demand. *Economic Inquiry*, 41, 98-115. <http://economics.sbs.ohio-state.edu/Fleisher/courses/econH200sp05/docs/PriceEnforceMarijCocaine.pdf> E

Hyland, A., Higbee, C., Bauer, J. E., Giovino, G. A., & Cummings, K. M. (2004). Cigarette purchasing behaviors when prices are high. *J Public Health Manag.Pract.*, 10, 497-500. GD, E

Leverett, M., Ashe, M., Gerard, S., Jenson, J., & Woollery, T. (2002). Tobacco use: the impact of prices. *J Law Med Ethics*, 30, 88-95. GD, IG, E

Sung, H. Y., Hu, T. W., Ong, M., Keeler, T. E., & Sheu, M. L. (2005). A major state tobacco tax increase, the master settlement agreement, and cigarette consumption: the California experience. *Am.J Public Health, 95*, 1030-1035. GD, E

Thomson, C. C., Fisher, L. B., Winickoff, J. P., Colditz, G. A., Camargo, C. A., Jr., King, C., III et al. (2004). State tobacco excise taxes and adolescent smoking behaviors in the United States. *J Public Health Manag.Pract., 10*, 490-496. GD, E

ENFORCEMENT

Compliance Checks

Alcohol Epidemiology Program (2000). *Alcohol compliance checks: A procedures manual for enforcing alcohol age-of-sale laws* Minneapolis: University of Minnesota.
<http://www.epi.umn.edu/alcohol/manual/manual.pdf> GD, IG

Centers for Disease Control (2004). Enhanced Enforcement of Laws to Prevent Alcohol Sales to Underage Persons --- New Hampshire, 1999--2004. *Morbidity and Mortality Weekly Report, 23*, 452-454. <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5321a2.htm>
GD, E

Freisthler, B., Gruenewald, P. J., Treno, A. J., & Lee, J. (2003). Evaluating alcohol access and the alcohol environment in neighborhood areas. *Alcohol Clin.Exp.Res., 27*, 477-484. GD, OM

Grube, J. W. & Stewart, K. (1999). *Guide to Conducting Alcohol Purchase Surveys* The Office of Juvenile Justice and Delinquency Prevention and the Underage Drinking Enforcement Training Center. <http://www.udetc.org/documents/purchase.pdf> GD, IG

Natanblut, S. L., Mital, M., & Zeller, M. R. (2001). The FDA's enforcement of age restrictions on the sale of cigarettes and smokeless tobacco. *J Public Health Manag.Pract., 7*, 1-10. GD, IG

National Highway Traffic Safety Administration, U.S. Department of Transportation. (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.
http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html GD, IG

Scribner, R. & Cohen, D. (2001). The Effect of Enforcement on Merchant Compliance with the Minimum Legal Drinking Age Law. *Journal of Drug Issues, 31*, 857. GD, OM

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Compliance Checks.
<http://www.epi.umn.edu/alcohol/policy/compchks.shtm> GD, IG, E

Wagenaar, A. C., Toomey, T. L., & Erickson, D. J. (2005). Preventing youth access to alcohol: outcomes from a multi-community time-series trial*. *Addiction*, *100*, 335-345. GD, OM, E

Washington State Department of Health (2006). *Tobacco Compliance Check Guidelines*. <http://www.doh.wa.gov/tobacco/compliance/ProtocolFinal.pdf> GD, IG

Willingham, M. Reducing Alcohol Sales to Underage Purchasers: A Practical Guide to Compliance Investigations. Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. 8-1-2006. <http://www.udetc.org/documents/ReduceAlsal.pdf> GD, IG, OM

Administrative Penalties

Stout, E. M., Sloan, F. A., Liang, L., & Davies, H. H. (2000). Reducing harmful alcohol-related behaviors: effective regulatory methods. *J Stud.Alcohol*, *61*, 402-412. GD, E

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Administrative Penalties. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/admnpnl.shtm> GD

“Party Patrols”

Michigan Office of Highway Safety Planning & U.S. Department of Justice. Underage Alcohol Enforcement Response Team. 8-1-2006.
http://michigan.gov/documents/Underage_Drinking_Response_Team_Manual_110124_7.pdf GD, IG

Morrison, W. & Didone, T. (2005). *A Practical Guide to Preventing and Dispersing Underage Drinking Parties* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice.
<http://www.udetc.org/documents/UnderageDrinking.pdf> GD, IG

National Highway Traffic Safety Administration, U. S. Department of Transportation (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.
http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html GD, IG

“Shoulder-tap” Enforcement Programs

National Highway Traffic Safety Administration, U. S. Department of Transportation. (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.
http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html GD, IG

State of California, Department of Alcoholic Beverage Control. Shoulder Tap Program. 8-1-2006. http://www.abc.ca.gov/programs/Shoulder_tap.html GD, E

Enforce Impaired Driving Laws

National Highway Traffic Safety Administration, U.S. Department of Transportation. Direct Enforcement Strategies. Youth Impaired Driving Manual for Sheriffs. 7-27-2006.
<http://www.nhtsa.dot.gov/people/injury/alcohol/Sherrifs%20Web/toc.html> GD

Stewart, K. A Guide for Enforcing Impaired Driving Laws for Youth. Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. 8-2-2006. <http://www.udetc.org/documents/EnforceImp.pdf> GD

Voas, R. B. (1997). Drinking and driving prevention in the community: program planning and implementation. *Addiction*, 92 Suppl 2, S201-S219. GD, IG, E

Sanctions and Monitoring for Convicted Drunk Drivers

National Commission Against Drunk Driving. (1997). *Combating Hardcore Drunk Driving: A Source Book of Promising Strategies, Laws, and Programs: Sanctions*. 8-2-2006.
<http://www.ncadd.com/060.cfm> GD

Nichols, J. L. & Ross, H. L. (1989). *Surgeon General's Workshop on Drunk Driving: Background Papers: 'The Effectiveness of Legal Sanctions in Dealing with Drinking*

Drivers' United States Public Health Service, Office of the Surgeon General.
http://profiles.nlm.nih.gov/NN/B/C/Y/B/_/nnbcyb.pdf GD, E

Immobilize or Impound the Vehicles of Those Convicted of Impaired Driving

Cooper, D., Chira-Chavala, T., & Gillen, D. (2000). *Safety and Other Impacts of Vehicle Impound Enforcement* Institute of Transportation Studies, University of California at Berkeley. <http://www.its.berkeley.edu/publications/UCB/2000/RR/UCB-ITS-RR-2000-1.pdf> GD, E

Deyoung, D. J. (1999). An evaluation of the specific deterrent effects of vehicle impoundment on suspended, revoked, and unlicensed drivers in California. *Accid.Anal.Prev.*, 31, 45-53.
GD, E

US Department of Transportation, National Highway Traffic Safety Administration. (2004). Vehicle and License Plate Sanctions. 8-2-2006.
<http://www.nhtsa.dot.gov/people/injury/New-fact-sheet03/VehicleLicensePlate.pdf> GD, E

Random BAC Testing for Drivers; No Probable Cause Required

McCaul, K. A. & McLean, A. J. (1990). Publicity, police resources and the effectiveness of random breath testing. *Med.J Aust.*, 152, 284-286. GD, E

Combine Sobriety Checkpoints with Positive Passive Breath Sensors

Wisconsin Department of Transportation (2002). *Passive Alcohol Sensors: A Study Focusing on their Use, Performance, Effectiveness, and Policy Implications for Traffic Enforcement.*
<http://www.dot.state.wi.us/library/publications/topic/safety/pascomplete.pdf> GD, OM, E

Highly Visible Roadside Sobriety Checkpoints

Office of Enforcement and Emergency Services, Office of Enforcement and Emergency Services. (1990). The Use of Sobriety Checkpoints for Impaired Driving Enforcement. 8-8-2006. <http://www.nhtsa.dot.gov/people/injury/alcohol/Checkpt.html> GD, IG, OM

National Highway Traffic Safety Administration (2002). *Sobriety Patrols and Sobriety Checkpoints Guide: A how to guide for planning and publicizing impaired driving enforcement efforts.*
http://www.nhtsa.dot.gov/people/injury/alcohol/saturation_patrols/SatPats2002.pdf GD, IG, OM

National Highway Traffic Safety Administration, U. S. Department of Transportation. Use of Sobriety Checkpoints for Effective Impaired Driving Enforcement. 7-27-2006.
<http://www.nhtsa.dot.gov/people/outreach/safesobr/16qp/checkpoint.html> GD, IG, OM

Open Container Laws

US Department of Transportation, National Highway Traffic Safety Administration. (2004). Open Container Laws. 8-2-2006. <http://www.nhtsa.dot.gov/people/injury/new-fact-sheet03/OpenContainer.pdf> GD, IG

Apply Appropriate Penalties to Minors

Canadian Cancer Society (2001). *Youth Tobacco Possession Laws*.

<http://fctc.org/documents/youthtobaccopossessionlaws.pdf> GD

Lazovich, D., Ford, J., Forster, J., & Riley, B. (2001). A Pilot Study to Evaluate a Tobacco Diversion Program. *American Journal of Public Health, 91*, 1790. GD, OM, E

Martin, S. (1996). Zero tolerance laws: effective public policy? *Alcohol Clin.Exp.Res.*, 20, 147A-150A. GD, OM, E

Presseur, D. & Stewart, K. (1998). *A Guide to Zero Tolerance and Graduated Licensing: Two Strategies That Work* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice.

<http://www.udetc.org/documents/Guide2zero.pdf> GD, E

Stewart, K. A Guide for Enforcing Impaired Driving Laws for Youth. Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. 8-2-2006. <http://www.udetc.org/documents/EnforceImp.pdf> GD

US Department of Transportation, N. H. T. S. A. Zero Tolerance Means Zero Chances. 8-3-2006. <http://www.nhtsa.dot.gov/people/injury/alcohol/zero/> GD, IG

Wakefield, M. & Giovino, G. (2003). Teen penalties for tobacco possession, use, and purchase: evidence and issues. *Tob Control, 12 Suppl 1*, i6-13. GD, E

Cops in Shops

National Highway Traffic Safety Administration, U. S. D. o. T. (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.

http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html GD, IG

The Century Council. Cops in Shops. 8-3-2006.

<http://www.centurycouncil.org/underage/cops.html> GD, E

OTHER

College Campus Policies

Borders, T. F., Xu, K. T., Bacchi, D., Cohen, L., & SoRelle-Miner, D. (2005). College campus smoking policies and programs and students' smoking behaviors. *BMC.Public Health, 5*, 74. GD, OM, E

DeJong, W., Vince-Whitman, C., Colthurst, T., Cretella, M., Rosati, M., Gilbreath, M. et al. (1998). *Environmental Management: A Comprehensive Strategy for Reducing Alcohol and Other Drug Use on College Campuses* Higher Education Center for Alcohol and Other Drug Prevention, Education Development Center.

http://eric.ed.gov/ERICDocs/data/ericdocs2/content_storage_01/0000000b/80/11/00/0f.pdf GD

Fisher, D. A. (2000). *Environmental Strategies To Prevent Alcohol Problems on College Campuses* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. <http://www.udetc.org/documents/EnviroStrat.pdf> GD

National Advisory Council on Alcohol Abuse and Alcoholism, Task Force on College Drinking. (9-23-2005). 4 Tiers. College Drinking-Changing the Culture. 7-28-2006. <http://www.collegedrinkingprevention.gov/StatsSummaries/4tier.aspx> GD

U.S. Department of Education's Higher Education Center for Alcohol and Other Drug Abuse and Violence Prevention. Environmental Management: A Comprehensive Strategy for Reducing Alcohol and Other Drug Use on College Campuses. 7-28-2006. <http://www.higheredcenter.org/framework/> GD

Wechsler, H., Seibring, M., Chao Liu, M., & Ahl, M. (2004). Colleges Respond to Student Binge Drinking: Reducing Student Demand or Limiting Access. *Journal of American College Health*, 52, 159-168. GD

Wechsler, H., Kelley, K., Seibring, M., Kuo, M., & Rigotti, N. A. (2001). College Smoking Policies and Smoking Cessation Programs: Results of a Survey of College Health Center Directors. (Cover story). *Journal of American College Health*, 49, 205. GD

Developing “Alcohol Units” in Law Enforcement

National Highway Traffic Safety Administration, U.S. Department of Transportation. (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation. http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html GD, IG

Communities Mobilizing for Change on Alcohol (CMCA)

Holder, H. D. (2004). Community Prevention of Young Adult Drinking and Associated Problems. *Alcohol Research & Health*, 28, 245-249. GD, E

Treno, A. J. & Holder, H. D. (1997). Community mobilization: Evaluation of an environmental approach to local action. *Addiction*, 92, S173-S187. GD, E

Community Prevention Trials

Grube, J. W. (1997). Preventing sales of alcohol to minors: results from a community trial. *Addiction*, 92, S251-S260. GD, E

Holder, H. D. & Saltz, R. F. (1997). A community prevention trial to reduce alcohol-involved accidental injury and death: overview. *Addiction*, 92, S155-S171. GD

Holder, H. D. & Saltz, R. F. (1997). Summing up: lessons from a comprehensive community prevention trial. *Addiction*, 92, S293-S301. E

Get to Know State Legislators – General Policy Development

National Highway Traffic Safety Administration, U.S. Department of Transportation. (2001). *Community How to Guide On Public Policy* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.
http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book6_PublicPolicy.html GD, IG

The Marin Institute. (2006). California Legislation Action Pack. 7-27-2006.
http://www.marininstitute.org/action_packs/CA_leg.htm GD, IG

Support Clean Indoor Air Laws

Brownson, R. C., Eriksen, M. P., Davis, R. M., & Warner, K. E. (1997). Environmental Tobacco smoke: Health Effects and Policies to Reduce Exposure. *Annual Review of Public Health*, 18, 163. E

Jacobson, P. D. & Wassermann, J. (1999). The implementation and enforcement of tobacco control laws: Policy implications for activists and the Industry. *Journal of Health Politics, Policy & Law*, 24, 567-598. GD

Broad Overview

Alcohol Epidemiology Program (2000). *Alcohol policies in the United States: Highlights from the 50 states* Minneapolis: University of Minnesota.

<http://www.epi.umn.edu/alcohol/uspolicy/chrtbook.pdf>

Cummings, K. M. (1999). Community-wide interventions for tobacco control. *Nicotine.Tob Res., 1 Suppl 1*, S113-S116.

Edwards, G. & Holder, H. D. (2000). The alcohol supply: its importance to public health and safety, and essential research questions. *Addiction, 95*, 621-627.

Fisher, D. A. (2006). Environmental Prevention Strategies: An Introduction and Overview. www.tmfnet.org/rchc/environmental.pdf

Fisher, D. A. (2000). *Environmental Strategies To Prevent Alcohol Problems on College Campuses* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. <http://www.udetc.org/documents/EnviroStrat.pdf>

Gorman, D. M., Gruenewald, P. J., Hanlon, P. J., Mezic, I., Waller, L. A., Castillo-Chavez, C. et al. (2004). Implications of systems dynamic models and control theory for environmental approaches to the prevention of alcohol- and other drug use-related problems. *Subst.Use.Misuse., 39*, 1713-1750.

Grube, J. W. & Nygaard, P. (2001). Adolescent drinking and alcohol policy. *Contemporary Drug Problems, 28*.

Hingson, R. W. & Howland, J. (2002). Comprehensive community interventions to promote health: implications for college-age drinking problems. *J.Stud.Alcohol Suppl*, 226-240.

Hingson, R., McGovern, T., Howland, J., Heeren, T., Winter, M., & Zakocs, R. (1996). Reducing Alcohol-Impaired Driving in Massachusetts: The Saving Lives Program. *American Journal of Public Health, 86*, 791.

Holder, H. D. & Reynolds, R. I. (1997). Application of local policy to prevent alcohol problems: experiences from a community trial. *Addiction, 92*, S285-S292.

Holder, H. D. (1993). Changes in access to and availability of alcohol in the United States: research and policy implications. *Addiction, 88*, 67S-74S.

Lantz, P. M., Jacobson, P. D., Warner, K. E., Wasserman, J., Pollack, H. A., Berson, J. et al. (2000). Investing in youth tobacco control: a review of smoking prevention and control strategies. *Tob Control, 9*, 47-63.

Mosher, J. F. & Stewart, K. (1999). *Regulatory Strategies for Preventing Youth Access to Alcohol: Best Practices*. Pacific Institute for Research and Evaluation. <http://www.udetc.org/documents/accesslaws.pdf>

- Scott, M. S., Emerson, N. J., Antonacci, L. B., & Plant, J. B. (2006). *Drunk Driving* (Rep. No. 36). Office of Community Oriented Policing Services, U.S. Department of Justice. <http://www.cops.usdoj.gov/mime/open.pdf?Item=1665>
- Stewart, K. & Carmona, M. (2006). Environmental Prevention Strategies: Evidence of Effectiveness. <http://wch.uhs.wisc.edu/docs/SIG/fisher-EnvironmentalPreventionStrategies.pdf>
- Stivers, C. (1994). Grassroots efforts pursue alcohol policy reform: refocusing upstream in New Mexico. *Am.J Health Promot.*, 9, 125-136.
- The effects of environmental factors on alcohol use and abuse. (2006). http://www.alcoholpolicysolutions.net/research_studies_effects.htm
- Toomey, T. L. & Wagenaar, A. C. (2002). Environmental policies to reduce college drinking: options and research findings. *J Stud.Alcohol Suppl*, 193-205.
- Toomey, T. L. & Wagenaar, A. C. (1999). Policy options for prevention: the case of alcohol. *J Public Health Policy*, 20, 192-213.
- Treno, A. J. & Lee, J. P. (2002). Approaching Alcohol Problems Through Local Environmental Interventions. *Alcohol Research & Health*, 26, 35.
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Western Center for the Application of Prevention Technologies. (2006). Environmental prevention strategies: Putting theory into practice training and resource guide. Rockville, MD, National Clearinghouse for Alcohol and Drug Information. <http://www.nebraskaprevlink.ne.gov/training/pptdoc/ptip%5B1%5D.ppt>
- Wolfson, M. & Toomey, T. L. (1996). Alcohol outlet policies and practices concerning sales to underage people. *Addiction*, 91, 589-602.

EXAMPLES OF IMPLEMENTATION GUIDELINES: LINKS & ARTICLES

RETAIL ACCESS

Conditional Use Permits/Land Use Ordinance for Alcohol Outlets

The Marin Institute. (2006). Land-Use Ordinances Action Pack. 7-27-2006.

http://www.marininstitute.org/action_packs/land_use.htm

Regulations or Bans on Home Delivery of Alcohol

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Alcohol Home Delivery Restrictions. 7-28-2006.

<http://www.epi.umn.edu/alcohol/policy/homdeliv.shtm>

Responsible Beverage Service Training

University of Nebraska-Lincoln, Office of Extended Education & Outreach Web Design Team. (2002). Responsible Beverage Service Training. 8-1-2006.

<http://eeando.unl.edu/rbst/ne/>

Checking Age Identification

National Highway Traffic Safety Administration, U.S. Department of Transportation (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209).

National Highway Traffic Safety Administration, U.S. Department of Transportation.

http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Checking Age Identification. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/checkid.shtm>

Meth Precursor Prohibition

State of Illinois, Office of the Attorney General. (2005). *Training for Retailers on the Methamphetamine Precursor Control Act (MPCA)* State of Illinois, Office of the Attorney General.

http://www.illinoisattorneygeneral.gov/methnet/laws_legislation/MPCA_retailer_training.pdf

SOCIAL ACCESS

Alcohol Restrictions at Community Events

Institute for Public Strategies. (2003). Issue briefing: Keeping your special event festive and safe: A planning guide for Ventura County communities.

http://www.publicstrategies.org/pdfs/ventura_special_events_updated.pdf

Beer Keg Registration

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Beer Keg Registration. 8-1-2006. <http://www.epi.umn.edu/alcohol/policy/beerkeg.shtm>

SOCIAL NORMS

Social Norms Campaigns/Social Marketing

Haines, M. P., Perkins, H. W., Rice, R. M., & Barker, G. (2005). *A Guide to Marketing Social Norms for Health Promotion in Schools and Communities* National Social Norms Resource Center. <http://www.socialnorms.org/pdf/Guidebook.pdf>

Higher Education Center. (12-12-2002). Research and Evaluation of Social Norms Campaigns. <http://www.higheredcenter.org/socialnorms/research.html>

Lin, C. A. & Hullman, G. A. (2005). Tobacco-Prevention Messages Online: Social Marketing via the Web. *Health Communication*, 18, 77-193.

Martino-McAllister, J. & Wessel, M. T. (2005). An evaluation of a social norms marketing project for tobacco prevention with middle, high, and college students; use of funds from the Tobacco Master Settlement (Virginia). *J Drug Educ.*, 35, 185-200.

PROMOTION

Alcohol and Tobacco Advertising Restrictions in Public Places

Hackbarth, D. P., Schnopp-Wyatt, D., Katz, D., Williams, J., Silvestri, B., & Pflieger, M. (2001). Collaborative research and action to control the geographic placement of outdoor advertising of alcohol and tobacco products in Chicago. *Public Health Rep.*, 116, 558-567.

Prohibition of Alcohol or Tobacco Sponsorship of Public Events

Public Health Institute, Technical Assistance Legal Center. (6-24-2003). Model Policy for Motor Sports: Prohibiting Tobacco Sponsorship. http://talc.phlaw.org/pdf_files/0004.pdf

Public Health Institute, Technical Assistance Legal Center. (6-24-2003). Model Policy for Rodeos: Prohibiting Tobacco Sponsorship. http://talc.phlaw.org/pdf_files/0003.pdf

Media Advocacy

The Marin Institute. (2006). Media Advocacy Action Pack. 7-27-2006.

http://www.marininstitute.org/action_packs/media_advocacy.htm

Wilbur, P. M. & Stewart, K. (1999). *Strategic Media Advocacy for Enforcement of Underage Drinking Laws*. Pacific Institute for Research and Evaluation in support of the

OJJDP Enforcing the Underage Drinking Laws Program.
<http://prev.org/documents/mediaadvocacy.pdf>

Media Literacy

U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse and Prevention, with the Centers for Disease Control and Prevention Office of Smoking and Health. Mediasharp: Analyzing tobacco and alcohol messages leader's guide.
http://www.cdc.gov/tobacco/educational_materials/mdiashrp.pdf

PERCEIVED RISK

Graduated Licensing

US Department of Transportation, N. H. T. S. A. (2004). Graduated Driver Licensing System. 8-2-2006. <http://www.nhtsa.dot.gov/people/injury/new-fact-sheet03/GraduatedDriver.pdf>

Revoke License for Impaired Drivers

U.S. Department of Transportation, National Highway Traffic Safety Administration. (2003). Administrative License Revocation (Suspension). 8-3-2006.
<http://www.nhtsa.dot.gov/people/injury/New-fact-sheet03/AdminLicenseRevocn.pdf>

Use of Mass Media Appropriately

National Highway Traffic Safety Administration, U.S. Department of Transportation. (2001). *Community How to Guide On Media Relations* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.
http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book7_MediaRelations.html#Intro

PRICING

Increase Price or Taxes on Alcohol or Tobacco

Leverett, M., Ashe, M., Gerard, S., Jenson, J., & Woollery, T. (2002). Tobacco use: the impact of prices. *J Law Med Ethics*, 30, 88-95.

ENFORCEMENT

Compliance Checks

Alcohol Epidemiology Program (2000). *Alcohol compliance checks: A procedures manual for enforcing alcohol age-of-sale laws* Minneapolis: University of Minnesota.
<http://www.epi.umn.edu/alcohol/manual/manual.pdf>

Grube, J. W. & Stewart, K. (1999). *Guide to Conducting Alcohol Purchase Surveys* The Office of Juvenile Justice and Delinquency Prevention and the Underage Drinking Enforcement Training Center. <http://www.udetc.org/documents/purchase.pdf>

Natanblut, S. L., Mital, M., & Zeller, M. R. (2001). The FDA's enforcement of age restrictions on the sale of cigarettes and smokeless tobacco. *J Public Health Manag. Pract.*, 7, 1-10.

National Highway Traffic Safety Administration, U.S. Department of Transportation. (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation. http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html

University of Minnesota Alcohol Epidemiology Program. (1-6-2006). Compliance Checks. <http://www.epi.umn.edu/alcohol/policy/compchks.shtm>
Washington State Department of Health (2006). *Tobacco Compliance Check Guidelines*. <http://www.doh.wa.gov/tobacco/compliance/ProtocolFinal.pdf>

Willingham, M. Reducing Alcohol Sales to Underage Purchasers: A Practical Guide to Compliance Investigations. Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. 8-1-2006. <http://www.udetc.org/documents/ReduceAlsal.pdf>

Party Patrols

Morrison, W. & Didone, T. (2005). *A Practical Guide to Preventing and Dispersing Underage Drinking Parties* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. <http://www.udetc.org/documents/UnderageDrinking.pdf>

National Highway Traffic Safety Administration, U. S. Department of Transportation (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation. http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html

Shoulder Tap Programs

National Highway Traffic Safety Administration, U. S. Department of Transportation. (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation. http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html

Enforce Impaired Driving Laws

Voas, R. B. (1997). Drinking and driving prevention in the community: program planning and implementation. *Addiction*, 92 Suppl 2, S201-S219

Sobriety Checkpoints

Office of Enforcement and Emergency Services, Office of Enforcement and Emergency Services. (1990). The Use of Sobriety Checkpoints for Impaired Driving Enforcement. 8-8-2006. <http://www.nhtsa.dot.gov/people/injury/alcohol/Checkpt.html>

Sobriety Patrols and Sobriety Checkpoints Guide: A how to guide for planning and publicizing impaired driving enforcement efforts National Highway Traffic Safety Administration (2002). *Sobriety Patrols and Sobriety Checkpoints Guide: A how to guide for planning and publicizing impaired driving enforcement efforts*.
http://www.nhtsa.dot.gov/people/injury/alcohol/saturation_patrols/SatPats2002.pdf

Open Container Laws

US Department of Transportation, National Highway Traffic Safety Administration. (2004). Open Container Laws. 8-2-2006. <http://www.nhtsa.dot.gov/people/injury/new-fact-sheet03/OpenContainer.pdf>

Apply Appropriate Penalties to Minors

US Department of Transportation, N. H. T. S. A. Zero Tolerance Means Zero Chances. 8-3-2006. <http://www.nhtsa.dot.gov/people/injury/alcohol/zero/>

Cops in Shops

National Highway Traffic Safety Administration, U. S. D. o. T. (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.
http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html

OTHER STRATEGIES

Developing Alcohol “Units” in Law Enforcement

Developing Alcohol Units in Law Enforcement: National Highway Traffic Safety Administration, U.S. Department of Transportation. (2001). *Community How to Guide On Enforcement* (Rep. No. DOT HS 809 209). National Highway Traffic Safety Administration, U.S. Department of Transportation.

http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book5_Enforcement.html

Get to Know Your State Legislators

National Highway Traffic Safety Administration, U.S. Department of Transportation. (2001). *Community How to Guide On Public Policy* (Rep. No. DOT HS 809 209).

National Highway Traffic Safety Administration, U.S. Department of Transportation.

http://www.nhtsa.dot.gov/people/injury/alcohol/Community%20Guides%20HTML/Book6_PublicPolicy.html

Marin Institute California Legislation Action Pack

The Marin Institute. (2006). California Legislation Action Pack. 7-27-2006.

http://www.marininstitute.org/action_packs/CA_leg.htm

Other Useful Publications

Mosher, J. F. & Stewart, K. (1999). *Regulatory Strategies for Preventing Youth Access to Alcohol: Best Practices*. Pacific Institute for Research and Evaluation.

<http://www.udetc.org/documents/accesslaws.pdf>

Stewart, K. A Guide for Enforcing Impaired Driving Laws for Youth. Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. 8-2-2006. <http://www.udetc.org/documents/EnforceImp.pdf>

Fisher, D. A. (2000). *Environmental Strategies To Prevent Alcohol Problems on College Campuses* Office of Juvenile Justice and Delinquency Prevention, Office of Justice Programs, U.S. Department of Justice. <http://www.udetc.org/documents/EnviroStrat.pdf>

The Marin Institute. Solutions for Community Alcohol Problems. A Roadmap for Environmental Prevention. <http://www.marininstitute.org/roadmap/index.htm>

LITERATURE AND RESOURCES ON ENVIRONMENTAL STRATEGIES TO PREVENT SUBSTANCE USE AND ABUSE

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Environmental Strategies Literature: Published and Unpublished Sources

I. Published Documents

- Allamani, A., Casswell, S., Graham, K., Holder, H.D., Holmila, M., Larsson, S., and Nygaard, P. "Community action and the prevention of alcohol-related problems at the local level," Substance Use & Misuse (special issue), 35(1&2):1-10, 2000.
- Ames, G. "Alcohol-related movements and their effects on drinking policies in the American workplace: An historical review," Journal of Drug Issues, 19(4):489-510, 1989.
- Ames, G. "The workplace as an enabling environment for alcohol problems," The Anthropology of Work Review, 11(3):12-16, 1990.
- Ames, G. "Research and strategies for primary prevention of workplace alcohol problems," Alcohol Health & Research World, 17(1):19-27, 1993.
- Ames, G. and Cunradi, C. "Alcohol use and preventing alcohol-related problems among young adults in the military," Alcohol Research & Health, 28(4):252-257, 2004/2005.
- Ames, G. and Delaney, W. "Minimization of workplace alcohol problems: The supervisor's role," Alcoholism: Clinical and Experimental Research, 16(2):180-189, 1992.
- Ames, G., Delaney, W., and Janes, C. "Obstacles to effective alcohol policy in the workplace: A case study," British Journal of Addiction, 87(7):1055-1069, 1992.
- Ames, G. and Janes, C. "Drinking, social networks and the workplace: Results of an environmentally-focused study." In P. Roman (ed.) Alcohol Problem Intervention in the Workplace: Employee Assistance Programs and Strategic Alternatives, pp. 95-111. Westport, CT: Quorum Books, 1990.
- Ames, G. and Mora, J. "Alcohol problem prevention in Mexican-American populations." In M.J. Gilbert (ed.) Alcohol Consumption Among Mexicans and Mexican Americans: A Binational Perspective, pp. 253-281. Spanish Speaking Mental Health Research Center, University of California, Los Angeles, 1988.
- Anthony, J.C. "US policy on illegal drugs: What we don't know keeps hurting us—A perspective on future research needs." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 325-336. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Babor, T., Caetano, R., Cassell, S., Edwards, G., Giesbrecht, N., Graham, K., Grube, J., Gruenewald, P., Hill, L., Holder, H., Homel, R., Österberg, E., Rehm, J., Room, R., and Rossow, I. Alcohol: No Ordinary Commodity. Research and Public Policy. New York: Oxford University Press, 2003.

- Baer, J.S., Kivlahan, D.R., Blume, A.W., Mc Knight, P., and Marlatt, G.A. "Brief intervention for heavy drinking college students: Four-year follow-up and natural history," American Journal of Public Health, 91(8):1310-1316, 2001.
- Baker, T.K., Johnson, M.B., Voas, R.B., and Lange, J.E. "Reduce youthful binge drinking: Call an election in Mexico," Journal of Safety Research, 31(2):61-69, 2000.
- Bako, G., MacKenzie, W.C., and Smith, E.S.O. "The effect of legislated lowering of the drinking age on total highway accidents among young drivers in Alberta, 1970-1972," Canadian Journal of Public Health, 67(2):161-163, 1976.
- Baltagi, B.H. and Levin, D. "Estimating dynamic demand for cigarettes using panel data: The effects of bootlegging, taxation, and advertising reconsidered," The Review of Economics and Statistics, 68:148-155, 1986.
- Blose, J.O. and Holder H.D. "Public availability of distilled spirits: Structural and reported consumption changes associated with liquor-by-the drink," Journal of Studies on Alcohol, 48(4):371-379, 1987.
- Blose, J.O. and Holder, H.D. "Liquor-by-the-drink and alcohol-related traffic crashes: A natural experiment using time-series analysis," Journal of Studies on Alcohol, 48(1):52-60, 1987.
- Boase, P. and Tasca, L. Graduated Licensing System Evaluation: Interim Report '98. Toronto: Ministry of Transportation of Ontario, 1998.
- Brady, M. "Alcohol policy issues of indigenous people in the United States, Canada, Australia and New Zealand," Contemporary Drug Problems, 27(3):435-510, 2000.
- Brownson, R., Eriksen, M., Davis, R., and Warner, K. "Environmental tobacco smoke: Health effects and policies to reduce exposure," Annual Review of Public Health, 18:163-185, 1997.
- Buka, S.L. and Birdthistle, I.J. "Long-term effects of a community-wide alcohol server training intervention," Journal of Studies on Alcohol, 60(1):27-36, 1999.
- Caetano, R. and Cunradi, C. "Alcohol dependence: A public health perspective," Addiction, 97(6):633-645, 2002.
- Canty, C., Sutton, A., and James, S. "Strategies for community-based drug law enforcement: from prohibition to harm reduction." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou, and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 225-236. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Casswell, S. and Gilmore, L. "An evaluated community action project on alcohol," Journal of Studies on Alcohol, 50:339-346, 1989.

- Casswell, S., Holder, H., Holmila, M., Larsson, S., Midford, R., Barnes, H.M., Nygaard, P., and Stewart, L. Kettil Bruun Society Thematic Meeting: Fourth Symposium on Community Action Research and the Prevention of Alcohol and Other Drug Problems. New Zealand: Alcohol & Public Health Research Unit, University of Auckland, 1999.
- Cavanagh, D.P. Relations Between Increases in the Certainty, Severity, and Celerity of Punishment for Drug Crimes and Reductions in the Level of Crime, Drug Crime, and the Effects of Drug Abuse. Cambridge, MA: BOTEC Analysis Corporation, 1993.
- Chaloupka, F.J., Grossman, M., and Saffer, H. "The effects of price on alcohol consumption and alcohol-related problems," Alcohol Research and Health, 26(1):22-34, 2002.
- Chaloupka, F.J. and Pacula, R.L. "Sex and race differences in young people's responsiveness to price and tobacco control policies," Tobacco Control, 8(4):373-377, 1999.
- Chaloupka, F.J., Saffer, H., and Grossman, M. "Alcohol control policies and motor vehicle fatalities," Journal of Legal Studies, 22(1):161-186, 1993.
- Cheadle, A., Wagner, E., Koepsell, T., Kristal, A., and Patrick, D. "Environmental indicators: A tool for evaluating community-based health-promotion programs," American Journal of Preventive Medicine, 8(6):345-350, 1992.
- Chen, M., Grube, J.W., Bersamin, M., Waiters, E., and Keefe, D.B. "[Alcohol advertising: What makes it attractive to youth?](#)," Journal of Health Communication, 2005.
- Chikritzhs, T. and Stockwell, T. "The impact of later trading hours for Australian public houses (hotels) on levels of violence," Journal of Studies on Alcohol, 63:591-599, 2002.
- Chikritzhs, T., Stockwell, T., and Masters, L. Evaluation of the Public Health and Safety Impact of Extended Trading Permits for Perth Hotels and Night-Clubs, Western Australia: National Centre for Research Into the Prevention of Drug Abuse, 1997.
- Clapp, J.D. "A conceptual model of the alcohol environment of college students," Journal of Human Behavior in the Social Environment, 2001.
- Clapp, J.D., Shillington, A.M., and Segars, L.B. "Deconstructing contexts of binge drinking among college students," American Journal of Drug and Alcohol Abuse, 26(1):139-154, 2000.
- Clark, W.C. "Social Learning." In A. Goudie and D.J. Cuff (eds.) Encyclopedia of Global Change. Oxford University Press, 2002.
- Cook, P.J. and Tauchen, G. "The effect of liquor taxes on heavy drinking," Bell Journal of Economics, 13(2):379-390, 1982.

- DeJong, W., Vince-Whitman, C., Colthurst, T., Cretella, M., Gilbreath, M. Rosati, M.; and Zweig, K. Environmental Management: A Comprehensive Strategy for Reducing Alcohol and Other Drug Use on College Campuses, 1998.
- Delaney, W. and Ames, G.M. "Shop steward handling of alcohol-related problems," Addiction, 88(9):1205-1214, 1993.
- Delewski, C. and Saltz, R.F. "A community action approach to server intervention in two California counties," Contemporary Drug Problems, 17(3):345-368, 1990.
- Desimone, J. "The effect of cocaine prices on crime," Economic Inquiry, 39:627-643, 2001.
- Desimone, J. and Farrelly, M.C. "Price and enforcement effects on cocaine and marijuana demand," Economic Inquiry, 41:98-115, 2003.
- DiFranza, J.R., Savageau, J.A., and Aisquith, B.F. "Youth access to tobacco: The effects of age, gender, vending machine locks, and "it's the law" programs," American Journal of Public Health, 86(2):221-224, 1996.
- DiNardo, J. "Law enforcement, the price of cocaine and cocaine use," Mathematical and Computer Modelling, 17(2):53-64, 1993.
- Dishion, T.J. and McMahon, R.J. "Parental monitoring and the prevention of child and adolescent problem behavior: A conceptual and empirical formulation," Clinical Child and Family Psychology Review, 1(1):61-75, 1998.
- Donnelly, N. and Briscoe, S. "Intelligence-led regulation of licensed premises." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 257-266. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Dresser, J. and Gliksman, L. "Comparing statewide alcohol server training systems," Pharmacology, Biochemistry, and Behavior, 61:150, 1998.
- Edwards, G. and Holder, H.D. "The alcohol supply: Its importance to public health and safety, and essential research questions," Addiction, 95(Supple. 4):S621-S627, 2000.
- Farrelly, M.C., Pechacek, T.F., and Chaloupka, F.J. "The impact of tobacco control program expenditures on aggregate cigarette sales: 1981-2000," Journal of Health Economics, 22(5):843-859, 2003.
- Feighery, E., Altman, D.G., and Shaffer, G. "The effects of combining education and enforcement to reduce tobacco sales to minors," Journal of the American Medical Association, 266(22):3168-3171, 1991.
- Fichtenberg, C.M. and Glantz, S.A. "Youth access interventions do not affect youth smoking," Pediatrics, 109:1088-1092, 2002.

- Forster, J.L. and Wolfson, M. "Youth access to tobacco: Policies and politics," American Review of Public Health, 19:203-235, 1998.
- Forster, J.L., Hourigan, M., and McGovern, P. "Availability of cigarettes to underage youth in three communities," Preventive Medicine, 21(3):320-328, 1992.
- Forster, J.L., McGovern, P.G., Wagenaar, A.C., Wolfson, M., Perry, C.L., and Anstine P.S. "The ability of young people to purchase alcohol without age identification in Northeastern Minnesota, USA," Addiction, 89:699-705, 1994.
- Forster, J.L., Murray, D.M., Wolfson, M., Blaine, T.M., Wagenaar, A.C., and Henrikus, D.J. "The effects of community policies to reduce youth access to tobacco," American Journal of Public Health, 88(8):1193-1198, 1998.
- Forster, J.L., Murray, D.M., Wolfson, M., and Wagenaar, A.C. "Commercial availability of alcohol to young people: Results of alcohol purchase attempts," Preventive Medicine, 24:342-347, 1995.
- Forster, J.L., Wolfson, M., Murray, D.M., Wagenaar, A.C., and Claxton, A.J. "Perceived and measured availability of tobacco in 14 Minnesota communities: The TPOP Study," American Journal of Preventive Medicine, 13(3):167-174, 1997.
- Freisthler, B. and Gruenewald, P.J. "Social ecology and the invention of new regulatory strategies for preventing drug and alcohol problems." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou, and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 291-306. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Freisthler, B., Gruenewald, P.J., Johnson, F.W., Treno, A.J., and LaScala, E.A. "An exploratory study examining the spatial dynamics of illicit drug availability and rates of drug use," Journal of Drug Education, 35(1):15-27, 2005.
- Freisthler, B., Gruenewald, P.J., Treno, A.J., and Lee, J. "Evaluating alcohol access and the alcohol environment in neighborhood areas," Alcoholism: Clinical and Experimental Research, 27(3):477-484, 2003.
- Freisthler, B., Midanik, L.T., and Gruenewald, P.J. "Alcohol outlets and child physical abuse and neglect: Applying routine activities theory to the study of child maltreatment," Journal of Studies on Alcohol, 65(5):586-592, 2004.
- Gorman, D.M., Gruenewald, P.J., Hanlon, P.J., Mezic, I., Waller, L.A., Castillo-Chavez, C., Bradley, E., and Mezic, J. "Implications of systems dynamic models and control theory for environmental approaches to the prevention of alcohol- and other drug-related problems." In press, Substance Use and Misuse, 39(12): 1713-1750, 2004.
- Gorman, D.M., Speer, P.W., Gruenewald, P.J., and Labouvie, E.W. "Spatial dynamics of alcohol availability, neighborhood structure and violent crime," Journal of Studies on Alcohol, 62:628-636, 2001.

- Graham, K., Osgood, D.W., Zibrowski, E., Purcell, J., Gliksman, L., Leonard, K., Pernanen, K., Saltz, R.F., and Toomey, T.L. "The effect of the Safer Bars programme on physical aggression in bars: Results of a randomized controlled trial," Drug and Alcohol Review, 23(1): 31-41, 2004.
- Gray, D., Saggars, S., Atkinson, D., Sputore, B., and Bourbon, D. "Beating the grog: Evaluation of the Tennant Creek liquor licensing restrictions," Australian and New Zealand Journal of Public Health, 24(1):39-44, 2000.
- Greenberg, M.T., Feinberg, M.E., Gomez, B.J., and Osgood, D.W. "Testing a community prevention focused model of coalition functioning and sustainability: A comprehensive study of communities that case in Pennsylvania." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou, and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 129-142. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Grossman, M., Coate, D., and Arluck, G.M. "Price sensitivity of alcoholic beverages in the United States: Youth alcohol consumption." In H.D. Holder (ed.) Control Issues in Alcohol Abuse Prevention: Strategies for States and Communities, pp. 169-918. Greenwich, NY: JAI Press, Inc., 1987.
- Grube, J. "Preventing alcohol-related problems: Public policy strategies." In Transportation Research Board of the National Academies Implementing Impaired Driving Countermeasures: Putting Research into Action, A Symposium, August 21-23, 2003, Irvine, California, (Transportation Research Circular E-C072), pp. 97-126: <http://trb.org/publications/circulars/ec072.pdf>, 2005.
- Grube, J.W. "Preventing sales of alcohol to minors: Results from a community trial," Addiction, 92(Supple. 2):S251-S260, 1997.
- Grube, J.W. and Kearney, K.A. "A 'mandatory' jail sentence for drinking and driving," Evaluation Review, 7(2):235-246, 1983.
- Grube, J.W. and Nygaard, P. "Adolescent drinking and alcohol policy," Contemporary Drug Problems, 28(1):87-131, 2001.
- Grube, J.W. and Nygaard, P. "Alcohol policy and youth drinking: Overview of effective interventions for young people." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou, and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 113-127. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Grube, J.W. and Stewart, K. "Preventing impaired driving using alcohol policy," Traffic Injury Prevention, 5(3):199-207, 2004.
- Grube, J.W. and Voas, R.B. "Predicting underage drinking and driving behaviors," Addiction, 91(12):1843-1857, 1996.
- Gruenewald, P.J. "Alcohol problems and the control of availability: Theoretical and empirical issues." In M.E. Hilton and G. Bloss (eds.) Economics and the Prevention of Alcohol-Related Problems, NIAAA Research Monograph #25 (NIH

- Pub. #93-3513), pp. 59-90. Rockville, MD: U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, 1993.
- Gruenewald, P.J. "The epiphenomena of beverage specific effects," Addiction, 95(3):347-350, 2000.
- Gruenewald, P.J. "Pricing and taxation." In T. Babor, R. Caetano, S. Casswell, G. Edwards, N. Giesbrecht, K. Graham, J. Grube, P. Gruenewald, L. Hill, H. Holder, R. Homel, E. Österberg, J. Rehm, R. Room, and I. Rossow (eds.) Alcohol: No Ordinary Commodity: Research and Public Policy, pp. 101-115. New York: Oxford University Press, 2003.
- Gruenewald, P.J. "Regulating the physical availability of alcohol." In T. Babor, R. Caetano, S. Casswell, G. Edwards, N. Giesbrecht, K. Graham, J. Grube, P. Gruenewald, L. Hill, H. Holder, R. Homel, E. Österberg, J. Rehm, R. Room, and I. Rossow (eds.) Alcohol: No Ordinary Commodity: Research and Public Policy, pp. 117-139. New York: Oxford University Press, 2003.
- Gruenewald, P.J. "The policy arena." In T. Babor, R. Caetano, S. Casswell, G. Edwards, N. Giesbrecht, K. Graham, J. Grube, P. Gruenewald, L. Hill, H. Holder, R. Homel, E. Österberg, J. Rehm, R. Room, and I. Rossow (eds.) Alcohol: No Ordinary Commodity: Research and Public Policy, pp. 245-259. New York: Oxford University Press, 2003.
- Gruenewald, P.J. "Commentary – From the ecological to the individual and back again," Addiction, 99:1249-1250, 2004.
- Gruenewald, P.J. "Introduction to interventions in the community: Illustrative case studies." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou, and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 145-147. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Gruenewald, P.J. "Introduction to the evidence base for prevention in broad perspective." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou, and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 309-311. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Gruenewald, P.J. "Book review of Licensed Premises: Law & Practice," Addiction, 101:459-460, 2006.
- Gruenewald, P.J., Freisthler, B., Remer, L., LaScala, E.A., and Treno, A. "Ecological models of alcohol outlets and violent assaults: Crime potentials and geospatial analysis," Addiction, November 14, 2005. (accepted for publication)
- Gruenewald, P.J., Holder, H.D., and Treno, A.J. "Environmental approaches to prevention." In A.W. Graham, T.K. Schultz, M.F. Mayo-Smith, R.K. Ries, and B.B. Welford (eds.) Principles of Addiction Medicine (3rd ed.), pp. 383-394. Chevy Chase, MD: American Society of Addiction Medicine, 2003.

- Gruenewald, P. and Janes, K. "Alcohol control in the United States: The range of regulation," Alkoholipoliitikka, 54(1):29-35, 1989.
- Gruenewald, P.J., Johnson, F.W., Millar, A., and Mitchell, P.R. "Drinking and driving: Explaining beverage specific risks," Journal of Studies on Alcohol, 61(4):515-523, 2000.
- Gruenewald, P.J., Johnson, F.W. and Treno, A.J. "Outlets, drinking and driving: A multilevel analysis of availability," Journal of Studies on Alcohol, 63(4):460-468, 2002.
- Gruenewald, P.J., Madden, P., and Janes, K. "Alcohol availability and the formal power and resources of state alcohol beverage control agencies," Alcoholism: Clinical and Experimental Research, 16(3):591-597, 1992.
- Gruenewald, P.J., Millar, A., Ponicki, W.R., and Brinkley, G. "Physical and economic access to alcohol: The application of geostatistical methods to small area analysis in community settings." In R. Wilson and M. DuFour (eds.) The Epidemiology of Alcohol Problems in Small Geographic Areas (NIAAA Research Monograph #36), pp. 163-212. Bethesda, MD: U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, 2000.
- Gruenewald, P.J., Millar, A.B., and Roeper, P. "Access to alcohol: Geography and prevention for local communities," Alcohol Health & Research World, 20(4):244-251, 1996.
- Gruenewald, P.J., Millar, A.B., and Treno, A.J. "Alcohol availability and the ecology of drinking behavior," Alcohol Health & Research World, 17(1):39-45, 1993.
- Gruenewald, P.J., Millar, A.B., Treno, A.J., Yang, Z., Ponicki, W.R., and Roeper, P. "The geography of availability and driving after drinking," Addiction, 91(7):967-983, 1996.
- Gruenewald, P.J., Ponicki, W.B., Holder, H.D. "The relationship of outlet densities to alcohol consumption: A time series cross-sectional analysis," Alcoholism: Clinical and Experimental Research, 17(1):38-47, 1993.
- Gruenewald, P.J., Ponicki, W.R., Holder, H.D., and Romelsjö, A. "Alcohol prices, beverage quality, and the demand for alcohol: Quality substitutions and price elasticities," Alcoholism: Clinical and Experimental Research, 30(1):96-105, 2006.
- Gruenewald, P.J., Remer, L., and Lipton, R. "Evaluating the alcohol environment: Community geography and alcohol problems," Alcohol Research and Health, 26(1):42-48, 2002.
- Gruenewald, P.J.; Stockwell, T.; Beel, A.; and Dyskin, E.V. "Beverage sales and drinking and driving: The role of on-premise drinking places," Journal of Studies on Alcohol, 60(1):47-53, 1999.

- Gruenewald, P. J. and Treno, A. J. "Local and global alcohol supply: Economic and geographic models of community systems," Addiction, 95 (Supple.4):S537-S549, 2000.
- Gruenewald, P.J., Treno, A.J., Nephew, T.M., and Ponicki, W.R. "Routine activities and alcohol use: Constraints on outlet utilization," Alcoholism: Clinical and Experimental Research, 19(1):44-53, 1995.
- Gruenewald, P.J., Treno, A.J., Taff, G., and Klitzner, M. Measuring Community Indicators: A Systems Approach to Drug and Alcohol Problems (Applied Social Research Methods Series Volume 45). Thousand Oaks: Sage Publications, Inc., 1997.
- Hahn, R.W., Olmstead, S.M. and Stavins, R.N. "Environmental regulation during the 1990s: A retrospective analysis," Harvard Environmental Law Review, 27.2:377-415, 2003.
- Haines, B. and Graham, K. "Violence prevention in licensed premises." In Stockwell, T., Gruenewald, P.J., Toumbourou, J.W. and Loxley, W. (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 163-176. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Halprin-Felscher, B. and Biehl, M. "Developmental and environmental influences on underage drinking: A general overview." In R. Bonnie and M.E. O'Connell (eds.) Reducing Underage Drinking: A Collective Responsibility, Background Papers [CD-ROM]. Committee on Developing a Strategy to Reduce and Prevent Underage Drinking. Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press, 2004.
- Harrison, P.A., Fulkerson, J.A. and Park, E. "The relative importance of social versus commercial sources in youth access to tobacco, alcohol, and other drugs," Preventive Medicine, 31(1):39-48, 2000.
- Hennessy, M. and Saltz, R.F. "Modeling social influences on public drinking," Journal of Studies on Alcohol, 54(2):139-145, 1993.
- Hertz-Picciotto, I. "Environmental epidemiology." In K.J. Rothman and S. Greenland (eds.) Modern Epidemiology (Second Edition), pp. 555-583. Philadelphia, PA: Lippincott-Raven Publishers, 1998.
- Hingson, R. "Prevention of alcohol-impaired driving," Alcohol Health & Research World, 17(1):28-34, 1993.
- Hingson, R. "Reducing alcohol-impaired driving in Massachusetts: The Saving Lives Program," American Journal of Public Health, 86:791-797, 1996.
- Hingson, R.W., Heeren, T., and Winter, M. "Effects of lower legal blood alcohol limits for young and adult drivers," Alcohol, Drugs and Driving, 10:243-252, 1994.

- Hingson, R.W. and Howland, J. "Comprehensive community interventions to promote health: Implications for college-age drinking problems," Journal of Studies on Alcohol, Supplement 14, 2002.
- Holder, H.D. "Changes in access to and availability of alcohol in the United States: Research and policy implications," Addiction, 88(Supple.):67S-74S, January 1993.
- Holder, H.D. "The state monopoly as a public policy approach to consumption and alcohol problems: A review of research evidence," Contemporary Drug Problems, 20(2):293-322, 1993.
- Holder, H.D. "Changes in the form of alcohol availability: Illustration of design and analyses for policy-relevant research," Applied Behavioral Science Review, 2(1):15-27, 1994.
- Holder, H.D. "Public health approaches to the reduction of alcohol problems," Substance Abuse, 15(2):123-138, 1994.
- Holder, H.D. Alcohol and the Community: A Systems Approach to Prevention. Cambridge, UK: Cambridge University Press, 1999.
- Holder, H.D. "Prevention aimed at the environment." In B.S. McCrady and E.E. Epstein (eds.) Addictions: A Comprehensive Guidebook, pp. 573-594. New York: Oxford University Press, 1999.
- Holder, H.D. "Community prevention of alcohol problems," Addictive Behaviors, 25:843-859, 2000.
- Holder, H.D. "Alcohol monopolies in the U.S.: Changes and trends." In E. Österberg (ed). International Seminar on Alcohol Retail Monopolies: Exchange of Information and Experience: Proceedings of a Seminar Held in Saariselkä, Ivalo, Finland, September 21-23, 1999 (Themes 5/2000), pp. 17-45. Helsinki, Finland: STAKES, 2000.
- Holder, H.D. "The supply side initiative as an international collaboration to study alcohol supply, drinking, and consequences: Current knowledge, policy issues, and research opportunities," Addiction, 95(Supple. 4):S461-S463, 2000.
- Holder, H.D. "Prevention of Alcohol Problems." In M. Galanter and H.D. Kleber (eds.) Textbook of Substance Abuse Treatment (3rd edition), pp. 611-624. New York: The American Psychiatric Press, 2004.
- Holder, H.D. "Supply side approaches to reducing underage drinking: An assessment of the scientific evidence." In National Research Council and Institute of Medicine Reducing Underage Drinking: A Collective Responsibility, Background Papers, pp. 458-489 [CD-ROM]. Washington, DC: National Academy of Sciences, 2004.
- Holder, H.D. and Blöse, J.O. "Impact of changes in distilled spirits availability on alcohol distribution," Alcohol, 2:541-544, 1985.

- Holder, H., Boyd, G., Howard, J., Flay, B., Voas, R., and Grossman, M. "Alcohol-problem prevention policy: The need for a phases research model," Journal of Public Health Policy, 16(3):324-346, 1995.
- Holder, H.D. and Edwards, G. (eds.). Alcohol and Public Policy: Evidence and Issues. New York: Oxford University Press, 1995.
- Holder, H.D., Grube, J.W., Gruenewald, P.J., Saltz, R.F., Treno, A.J., and Voas, R. "Community approaches to prevention of alcohol-related accidents." In R.R. Watson (ed.) Drug and Alcohol Abuse Reviews, Vol. 7: Alcohol, Cocaine, and Accidents, pp. 175-194. Totowa, NJ: Humana Press, Inc., 1995.
- Holder, H.D., Gruenewald, P.J., Ponicki, W.R., Treno, A.J., Grube, J.W., Saltz, R.F., Voas, R.B., Reynolds, R., Davis, J., Sanchez, L., Gaumont, G., and Roeper, P. "Effect of community-based interventions on high-risk drinking and alcohol-related injuries," Journal of the American Medical Association, 284:2341-2347, 2000.
- Holder, H.D. and Janes, K.M. "Control of alcoholic beverage availability: State alcoholic beverage control systems having monopoly functions in the United States." In T. Kortteinen (ed.) State Monopolies and Alcohol Prevention: Report and Working Papers of a Collaborative International Study, Report No. 181, pp. 355-460. Helsinki, Finland: The Social Research Institute of Alcohol Studies, 1989.
- Holder, H.D., and Moore, R.S. "Institutionalization of community action projects to reduce alcohol-use related problems: Systematic facilitators," Substance Use and Misuse, 35(1&2):75-86, 2000.
- Holder, H.D. and Reynolds, R. "Application of local policy to prevent alcohol problems: Experiences from a community trial," Addiction, 92(Supple. 2):S285-S292, 1997.
- Holder, H.D. and Reynolds, R. "Science and alcohol policy at the local level: A respectful partnership," Addiction, 93(10):1467-1473, 1998.
- Holder, H.D. and Roeper, P. "Community action cuts drink-driving deaths," Drug and Alcohol Findings, 4:15, 2000.
- Holder, H.D., Saltz, R.F., and Grube, J.W. "A community prevention trial to reduce alcohol-involved accidental injury and death: Overview," Addiction, 92(S):S155-171, 1997.
- Holder, H.D., Saltz, R.F., Grube, J.W., Treno, A.J., Reynolds, R.I., Voas, R.B., and Gruenewald, P.J. "Summing up: Lessons from a comprehensive community prevention trial," Addiction, 92(Supple. 2):S293-S301, 1997.
- Holder, H.D., Saltz, R.F., Treno, A.J., Grube, J.W., and Voas, R.B. "Evaluation design for a community prevention trial: An environmental approach to reduce alcohol-involved trauma," Evaluation Review, 21(2):140-165, 1997.
- Holder, H.D. and Stoil, M.J. "Beyond prohibition: The public health approach to prevention," Alcohol Health & Research World, 12(4):292-297, 1988.

- Holder, H.D. and Treno, A.J. "Media advocacy in community prevention: News as a means to advance policy change," Addiction, 92(Supple. 2):S189-S199, June 1997.
- Holder, H.D. and Treno, A.J. "Moving toward a common evidence base for alcohol and other drug prevention policy." In Stockwell, T., Gruenewald, P.J., Toumbourou, J.W. and Loxley, W. (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 351-366. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Holder, H.D., Treno, A., and Levy, D. "Community systems and ecologies of drug and alcohol problems." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 149-161. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Holder, H.D., Treno, A.J., Saltz, R.F., and Grube, J.W. "Summing up: Recommendations and experiences for evaluation of community-level prevention programs," Evaluation Review, 21(2):268-277, 1997.
- Holder, H.D. and Wagenaar, A.C. "Effects of the elimination of a state monopoly on distilled spirits' retail sales: A time-series analysis of Iowa," British Journal of Addiction, 85(12):1615-1625, 1990.
- Holder, H.D. and Wagenaar, A.C. "Mandated server training and reduced alcohol-involved traffic crashes: A time series analysis of the Oregon experience," Accident Analysis and Prevention, 26(1):89-97, 1994.
- Holder, H.D. and Wallack, L. "Contemporary perspectives for preventing alcohol problems: An empirically-derived model," Journal of Public Health Policy, 7(3):324-339, 1986
- Holdren, J.P. "Environmental change and the human condition," Bulletin of the American Academy of Arts and Sciences, 24-31, 2003.
- Holmila, M. "Community action on alcohol: Experiences of the Lahti Project in Finland," Health Promotion International, 10:283-291, 1995.
- Holmila, M. Community Prevention of Alcohol Problems, London: MacMillan Press, Ltd., 1997.
- Homel, R., Policing the Drinking Driver: Random Breath Testing and the Process of Deterrence. Canberra: ACT, Federal Office of Road Safety, 1986.
- Homel, R. "Random breath testing and random stopping programs in Australia." In R.J. Wilson and R.E. Mann (eds.) Drinking and Driving: Advances in Research and Prevention. New York: Guilford Publications, 1990.
- Homel R., Carvolth R., Hauritz M., McIlwain G., and Teague R. "Making licensed venues safer for patrons: What environmental factors should be the focus of interventions?," Drug and Alcohol Review, 23(1):19-29, 2004.

- Homel, R., Hauritz, M., Worthley, R., McIlwain, G. and Carvolth, R. Preventing alcohol-relating crime through community action: The Surfers Paradise Safety Action Project. Policing for Prevention: Reducing Crime, Public Intoxication, and Injury, Crime Prevention Studies. Monsey: Criminal Justice Press, 1997.
- Homel, R., McIlwain, G., and Carvolth, R. "Creating safer drinking environments." In N. Heather, T.J. Peters, and T. Stockwell (eds.) International Handbook of Alcohol Dependence and Problems, pp. 721-740. Chichester, England: John Wiley and Sons Ltd., 2001.
- Jaffe, A.B., Newell, R.G., and Stavins, R.N. "Environmental policy and technological change," Environment and Resource Economics, 22:41-69, 2000.
- Jaffe, A.B., Newell, R.G., and Stavins, R.N. "Technological change and the environment." In K-G. Mäler and J. Vincent (eds.) Handbook of Environmental Economics, Volume 1. Elsevier Science, 2003.
- Janes, K.M. and Gruenewald, P.J. "The role of formal law in alcohol control systems: A comparison among states," The American Journal of Drug and Alcohol Abuse, 17(2):199-214, 1991.
- Jewell, R.T. and Brown, R.W. "Alcohol availability and alcohol-related motor vehicle accidents," Applied Economics, 27:759-765, 1995.
- Kaskutas, L.A., Schmidt, L.A., Weisner, C., and Greenfield, T. "Methods for evaluating policy changes in alcohol services," Addiction, 95(Supple. 3):S329-S345, 2000.
- Keeler, T.E., Hu, T.W., Barnett, P.G., and Manning, W.G. "Taxation, regulation, and addiction: A demand function for cigarettes based on time-series evidence," Journal of Health Economics, 12:1-18, 1993.
- Kenkel, D.S. "Drinking, driving and deterrence: The effectiveness and social costs of alternative policies," Journal of Law and Economics, 36(2):877-913, 1993.
- Klepp, K.I., Schmid, L.A., and Murray, D.M. "Effects of the increased minimum drinking age law on drinking and driving behavior among adolescents," Addiction Research, 4(3):237-244, 1996.
- Klitzner, M., Stewart, K., and Fisher, D. "Reducing underage drinking and its consequences," Alcohol Health & Research World, 17(1):12-18, 1993.
- Knox, C. and Hughes, J. "Policy evaluation in community development: Some methodological considerations," Community Development Journal, 29(3):239-250, 1994.
- Landrine, H., Klonoff, E.A., and Reina-Patton, A. "Minors' access to tobacco before and after the California STAKE Act," Tobacco Control, 9(Suppl 2):ii15-ii17, 2000.
- Lang, E., Stockwell, T., Rydon, P., and Beel, A. "Use of pseudo-patrons to assess compliance with laws regarding underage drinking," Australian and New Zealand Journal of Public Health, 20(3):296-300, 1996.

- Lang, E., Stockwell, T., Rydon, P., and Beel, A. "Can training bar staff in responsible serving practices reduce alcohol-related harm?," Drug and Alcohol Review, 17(1):39-50, 1998.
- Lange, J., Voas, R., and Johnson, M. "South of the border: A legal haven for underage drinking," Addiction, 97: 1995-1203, 2001.
- Langley, J.D., Wagenaar, A.C., and Begg, D.J. "An evaluation of the New Zealand graduated driver licensing system," Accident Analysis and Prevention, 28(2): 139-146, 1996.
- Lantz, P.M., Jacobson, P.D., Warner, K.E., Wasserman, J., Pollack, H.A., Berson, J., and Ahstrom, A. "Investing in youth tobacco control: a review of smoking prevention and control strategies," Tobacco Control, 9:47-63, 2000.
- Lapham, S.C., Gruenewald, P.J., Remer, L., and Layne, L. "New Mexico's 1998 drive-up liquor window closure. Study I: Effect on alcohol-involved crashes," Addiction, 99(5):598-606, 2004.
- Lee, J.P., Moore, R.S., and Martin, S.E. "Unobtrusive observations of smoking in urban California bars," Journal of Drug Issues, 33(4):983-999, 2003.
- Lenton, S. "Deterrence theory and the limitations of criminal penalties for cannabis use." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 267-277. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Levy, D., Mumford, E., and Pesin, B. "Tobacco control policies, and reductions in smoking rates and smoking-related deaths: Results from the SimSmoke model," Expert Review of Pharmacoeconomics & Outcomes Research, 3(4), 2003.
- Levy, D. and Sheflin, N. "New evidence on controlling alcohol use through price," Journal of Studies on Alcohol, 44:920-937, 1983.
- Levy, D.T., Friend, K., Holder, H.D., and Carmona, M. "Effect of policies directed at youth access to smoking: Results from the *SimSmoke* computer simulation model," Tobacco Control, 10:108-116,2001.
- Lewis, R., Paine-Andrews, A., Fawcett, S., Francisco, V., Richter, K., Copple, B., et al. "Evaluating the effects of a community coalition's efforts to reduce illegal sales of alcohol and tobacco products to minors," Journal of Community Health, 21, 429-436, 1996.
- Lewit, E.M. and Coate, D. "The potential for using excise taxes to reduce smoking," Journal of Health Economics, 1:121-145, 1982.
- Liben, C.B., Vingilis, E.R., and Blefgen, H. "The Canadian drinking-driving countermeasure experience," Accident Analysis and Prevention, 19(3):159-181, 1987.

- Liberman, J. and Borland, R. "Regulating tobacco to minimize harms." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 245-255. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Ling, P.M., Landman, A., and Glantz, S.A. "It is time to abandon youth access tobacco programs," Tobacco Control, 11:3-16, 2002.
- Lipton, R.; Gorman, D.M.; Wieczorek, W.F. and Gruenewald, P. "The application of spatial analysis to the public health understanding of alcohol and alcohol-related problems." In O.A. Khan and R. Skinner (eds.) Geographic Information Systems and Health Applications, pp. 57-79. Hershey, PA: Idea Group Publishing, 2003.
- Logan, R.A. "Hospital smoking bans and employee smoking behavior: Results of a national survey," Journal of the American Medical Association, 275(16):1252-1257, 1996.
- Loxley, W. "Introduction." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 239-243. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Loxley, W. "Interventions for illicit drug users within the criminal justice system: A review of some programmes in Australia, the United Kingdom and the United States." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 279-289. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Luke, D., Stamatakis, K., and Brownson, R. "State youth-access tobacco control policies and youth smoking behavior in the United States," American Journal of Preventive Medicine, 19(3):180-187, 2000.
- Mann, R.E., Stoduto, G., Anglin, L., Pavic, B., Fallon, F., Lauzon, R., and Amitay, O.A. "Graduated licensing in Ontario: Impact of the 0 BAL provision on adolescents' drinking-driving." In C. Mercier-Guyon (ed.) Alcohol, Drugs, and Traffic Safety, Vol. 3, pp. 1055-1060. Annecy, France: Centre d'Etudes et de Recherches en Médecine du Trafic, 1997.
- Manning, W.G. "Alternative econometric models of alcohol demand." In K.J. Bryant, M. Windle, and S.G. West (eds.) The Science of Prevention: Methodological Advances From Alcohol and Substance Abuse Research, pp. 101-121. Washington, DC: American Psychological Association, 1997.
- Martin, S.E., Grube, J.W., Voas, R.V., Baker, J., and Hingson, R. "Zero tolerance laws: Effective public policy?," Alcoholism: Clinical and Experimental Research, 20(Suppl 8):147A-150A, 1996.
- McKnight, A.J. and Voas, R.B. "Prevention of alcohol-related road crashes." In N. Heather, T.J. Peters, and T. Stockwell (eds.) International Handbook of Alcohol

- Dependence and Problems, pp. 741-769. Chichester, England: John Wiley and Sons Ltd., 2001.
- Meyerson, B., Chu, B.-C., and Mills, M.V. "State agency policy and program coordination in response to the co-occurrence of HIV, chemical dependency, and mental illness," Public Health Reports, 118:408-414, 2003.
- Midford, R., Boots, K., Masters, L. and Chikritzhs, T. "Time series analysis of outcome measures from a community alcohol harm reduction project in Australia." In S. Casswell, H. Holder, M. Holmila, S. Larsson, R. Midford, H. Barnes, P. Nygaard, and L. Stewart (eds.) Kettil Bruun Society Thematic Meeting: Fourth Symposium on Community Action Research and the Prevention of Alcohol and Other Drug Problems. Auckland, New Zealand: Alcohol & Public Health Research Unit, University of Auckland, 1999.
- Midford, R., Boots, K., Masters, L., and Cutmore, T. "Compari: A three year community based alcohol harm reduction project in Australia." In Community Action to Prevent Alcohol Problems, pp. 215-226. Copenhagen: World Health Organization, 1999.
- Midford, R., Welander, F., and Allsop, S. "Preventing alcohol and other drug problems in the workplace." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 191-205. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Moore, R.S. and Holder, H.D. "Issues surrounding the institutionalization of local action programmes to prevent alcohol problems: Results from a community trial in the United States," Nordic Studies on Alcohol and Drugs, 20:41-55, 2003.
- Mosher, J. and Stewart, K. Regulatory Strategies for Preventing Youth Access to Alcohol: Best Practices. Report prepared by Pacific Institute for Research and Evaluation for the OJJDP National Leadership Conference, July 11-14, 1999, Reston, Virginia, in support of the OJJDP Enforcing the Underage Drinking Laws Program, 1999.
- Nochajski, T.H., Miller, B.A., Wieczorek, W.F., and Whitney, R. "The effects of a drinker-driver treatment program: Does criminal history make a difference?," Criminal Justice and Behavior, 20(2):174-189, 1993.
- Nordlund, S. Effects of Saturday Closing of Wine and Spirits Shops in Norway (SIFA Mimeograph No. 5/85). Oslo: National Institute for Alcohol Research, 1985.
- Nygaard, P. "Decentralisation, local ownership and the role of the researchers." In S. Larsson and B.S. Hanson (eds.) Community Based Alcohol Prevention in Europe—Research and Evaluations, pp. 200-207. Sweden: University of Lund, 1999.
- Nygaard, P. "Intervention in social networks: A new method in the prevention of alcohol-related problems," Addiction Research & Theory, 9(3):221-237, 2001.

- Nygaard, P. "Focus on secondary prevention: Implications of a study on intervention in social networks," Substance Use & Misuse, September 9, 2005. (in press)
- Nygaard, P. and Elmeland, K. "Aspects of communication and its consequences in community action projects." In S. Casswell, H. Holder, M. Holmila, S. Larsson, R. Midford, H.M. Barnes, P. Nygaard and L. Stewart (eds.) Kettil Bruun Society Thematic Meeting: Fourth Symposium on Community Action Research and the Prevention of Alcohol and Other Drug Problems, pp. 220-228. New Zealand: Alcohol & Public Health Research Unit, University of Auckland, 1999.
- O'Grady, B., Ashbridge, M., & Abernathy, T. "Analysis of factors related to illegal tobacco sales to young people in Ontario," Tobacco Control, 8(3):301-305, 1999.
- Olsson, O. and Wikström, P-O.H. "Effects of the experimental Saturday closing of liquor retail stores in Sweden," Contemporary Drug Problems, 11(3):325-353, 1982.
- Österberg, E. "Effects of price and taxation." In N. Heather, T.J. Peters, and T. Stockwell (eds.) International Handbook of Alcohol Dependence and Problems, pp. 685-698. Chichester, England: John Wiley and Sons Ltd., 2001.
- Partanen, J. and Simpura, J. "International trends in alcohol production and consumption." In N. Heather, T.J. Peters, and T. Stockwell (eds.) International Handbook of Alcohol Dependence and Problems, pp. 379-394. Chichester, England: John Wiley and Sons Ltd., 2001.
- Paschall, M.J., Bersamin, M., Fearnow-Kenney, M., Wyrick, D., and Currey, D. "Short-term evaluation of a web-based college alcohol misuse and harm prevention course (College Alc)," Journal of Alcohol and Drug Education, January 26, 2006. (in press)
- Pentz, M.A., Dwyer, J.H., MacKinnon, D.P., Flay, B.R., Hansen, W.B., Wang, E.Y., and Johnson, C.A. "A multi-community trial for primary prevention of adolescent drug abuse: Effects on drug use prevalence," Journal of the American Medical Association, 261:3259-3266, 1989.
- Ponicki, W., Holder, H.D., Gruenewald, P.J., and Romelsjö, A. "Altering alcohol price by ethanol content: Results from a Swedish tax policy in 1992," Addiction, 92(7):859-870, 1997.
- Preusser, D., Williams, A., and Weinstein, H. "Policing underage alcohol sales," Journal of Safety Research, 25:127-133, 1994.
- Putnam, S.L., Rockett, I.R.H., and Campbell, M.K. "Methodological issues in community-based alcohol-related injury prevention projects: Attribution of program effects." In T.K. Greenfield and R. Zimmerman (eds.) Experiences with Community Action Projects: New Research in the Prevention of Alcohol and Other Drug Problems. Rockville: Center for Substance Abuse Prevention, 1993.
- Rasmussen, D. "Reducing the harms of drug policy: An economic perspective," Substance Use and Abuse, 34(1):49-67, 1999.

- Ross, H., and Chaloupka, F. "The effect of cigarette prices on youth smoking," Health Economics, 12:217-230, 2003.
- Ross, H.L. "British drink-driving policy," British Journal of Addiction, 83(8):863-865, 1988.
- Ross, H.L. "Deterrence-based policies in Britain, Canada and Australia." In M.D. Laurence, J.R. Snortum, and F.E. Zimring (eds.) Social Control of the Drinking Driver, pp. 64-78, Chicago, IL: The University of Chicago Press, 1988.
- Ruhm, C.J. "Alcohol policies and highway vehicle fatalities," Journal of Health Economics, 15:435-454, 1996.
- Russ, A.J. and Ames, G.M. "Policy and prevention as competing imperatives in US Navy life and medicine," Culture, Health & Sexuality, December 14, 2005. (in press)
- Ryan, B.E., Colthurst, T., and Segars, L. College Alcohol Risk Assessment Guide: Environmental Approaches to Prevention. Newton, MA: The Higher Education Center for Alcohol and Other Drug Prevention, revised 1997.
- Rydell, C.P. and Everingham, S.S. Controlling Cocaine: Supply Versus Demand Programs. Santa Barbara: Rand Corporation, 1994.
- Rydon, P, and Stockwell, T. "Local regulation and enforcement strategies for licensed premises." In M. Plant, E. Single, and T. Stockwell (eds.) Alcohol: Minimising the Harm. What Works?, p. 2110232. London: Free Association Books, Ltd., 1997.
- Saltz, R. "The role of evaluation in the prevention of college student drinking problems." Prepared for the National Institute on Alcohol Abuse and Alcoholism's National Advisory Council on Alcohol Abuse and Alcoholism Subcommittee on College Drinking Panel 2 - Prevention and Treatment, Bethesda, MD, February 8-9, 2000.
- Saltz, R.F. "Server intervention and responsible beverage serving programs and dram shop liability." Prepared for the 35th International Institute on the Prevention and Treatment of Alcoholism, 18th International Institute on the Prevention and Treatment of Drug Dependence, organized by the International Council on Alcohol and Addictions, Berlin, June 1990.
- Saltz, R.F. "Server intervention: Conceptual overview and current developments," Alcohol, Drugs and Driving: Abstracts and Reviews, 1(4):1-13, 1985.
- Saltz, R.F. "Server intervention: Will it work?" Alcohol Health & Research World, 10(4):12-19, 1986.
- Saltz, R.F. "The role of bars and restaurants in preventing alcohol-impaired driving: An evaluation of server intervention," Evaluation and the Health Professions, 10(1):5-27, 1987.

- Saltz, R.F. "Research in environmental and community strategies for the prevention of alcohol problems," Contemporary Drug Problems, 15(1):67-81, 1988.
- Saltz, R.F. "Server intervention and responsible beverage service programs." In Surgeon General's Workshop on Drunk Driving—Background Papers, pp. 169-179. Rockville, MD: U.S. Department of Health and Human Services, Public Health Service, Office of the Surgeon General, December 14-16, 1988.
- Saltz, R.F. "The use of evaluation data in intervention program design and implementation: A case study in a Responsible Beverage Service Program." In Community Action to Prevent Alcohol Problems, pp. 90-100. Copenhagen: World Health Organization, 1998.
- Saltz, R.F. "Research needs and opportunities in server intervention programs," Health Education Quarterly, 16(3):429-438, 1989.
- Saltz, R.F. "The introduction of dram shop legislation in the United States and the advent of server training," Addiction, 88(Supple.):95S-103S, 1993.
- Saltz, R.F. "Where we are in the evolution of responsible beverage service program evaluations," Alcohol, Drugs and Driving, 10(3-4):277-285, 1994.
- Saltz, R.F. "Can illicit drug use be prevented?," Contemporary Psychology, 40(5):436-438, 1995.
- Saltz, R.F. "Evaluating specific community structural changes: Examples from the assessment of responsible beverage service," Evaluation Review, 21(2):246-267, April 1997.
- Saltz, R.F. "Prevention where alcohol is sold and consumed: Server intervention and responsible beverage service." In M. Plant, E. Single, and T. Stockwell (eds.) Alcohol: Minimising the Harm, pp. 72-84. London: Free Association Books, Ltd., 1997.
- Saltz, R.F. "Preventing alcohol-related problems on college campuses," Alcohol Research & Health, 28(4):249-251, 2004/2005.
- Saltz, R.F. "What is "evidence", and can we provide it?" In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 313-323. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Saltz, R.F., Gruenewald, P.J., and Hennessy, M. "Candidate alcohol problems and implications for measurement: General alcohol problems, outcome measures, instrumentation, and surrogates." In H.D. Holder and J.M. Howard (eds.) Community Prevention Trials for Alcohol Problems: Methodological Issues, pp. 35-56. Westport, CT: Praeger Publishers, 1992.
- Saltz, R.F. and Hennessy, M. "The efficacy of "responsible beverage service" programs in reducing intoxication." Berkeley, CA: Prevention Research Center, July 1990.

- Saltz, R.F., Holder, H.D., Grube, J.W., Gruenewald, P.J., and Voas, R.B. "Prevention strategies for reducing alcohol problems including alcohol-related trauma." In R.R. Watson (ed). Drug and Alcohol Abuse Reviews, Vol. 7: Alcohol, Cocaine, and Accidents, pp. 57-83. Totowa, NJ: Humana Press, Inc., 1995.
- Saltz, R.F. and Stanghetta, P. "A community-wide responsible beverage service program in three communities: Early findings," Addiction, 92(Supplement 2):S237-S249, 1997.
- Scribner, R.A., MacKinnon, D.P., and Dwyer, J.H. "Alcohol outlet density and motor vehicle crashes in Los Angeles County cities," Journal of Studies on Alcohol, 55:447-453, 1994.
- Scribner, R.A., MacKinnon, D.P., and Dwyer, J.H. "The risk of assaultive violence and alcohol availability in Los Angeles County," American Journal of Public Health, 85:335-340, 1995.
- Smeaton, J., Eadline, M., Egolf, B., and DeJong, W. "Lehigh University's project impact: An environmental management case study," Journal of Drug Education and Awareness, 1:59-75, 2003.
- Stavins, R.N. "Experience with Market-Based Environmental Policy Instruments." In K.G. Mäler and J.R. Vincent (eds.) Handbook of Environmental Economics (ed. 1, volume 1), pp. 355-345. Elsevier Science, 2003.
- Stavins, R.N., and Goulder, L.H. "An eye on the future: How economists' controversial practice of discounting really affects the evaluation of environmental policies," Nature, 419:673-674, 2002.
- Stephens, P., Pederson, L., Koval, J., and Kim, C. "The relationship of cigarette prices and no-smoking bylaws to the prevalence of smoking in Canada," American Journal of Public Health, 87(9):1519-1521, 1997.
- Stewart, K. and Ellingstad, V.S. "Rehabilitation countermeasures for drinking drivers." In Surgeon General's Workshop on Drunk Driving: Background Papers, pp. 234-246. Washington, DC: United States Public Health Service, Office of the Surgeon General, 1989.
- Stewart, K. "Alcohol and Drugs: The nature of and reasons for the decline in drinking and driving in the United States. An Update." In Proceedings of the Conference: Road Safety in Europe and Strategic Highway Research Program, pp. 1-2. VTI konferens No. 4A, Part 3. Swedish National Road and Transport Research Institute, Linköping, Sweden, 1996.
- Stewart, K. "Environmentally oriented alcohol prevention policies for young adults." In Secretary's Youth Substance Abuse Initiative: Resource Papers, pp. 107-158. Rockville, MD: U.S. Department of Health and Human Services, Center for Substance Abuse Prevention, March 1997.

- Stewart, K. Strategies to Reduce Underage Alcohol Use: Typology and Brief Overview. Report prepared by Pacific Institute for Research and Evaluation in support of the OJJDP Enforcing the Underage Drinking Laws Program, 1999.
- Stewart, K. On DWI Laws in Other Countries. Report to the National Highway Traffic Safety Administration, U.S. Department of Transportation, DOT HS 809 037, March 2000.
- Stewart, K. "Low blood alcohol content: Overview of performance, safety and policy implications." In D.R. Mayhew and C. Dussault (eds.) Proceedings of the 16th International Conference on Alcohol, Drugs and Traffic Safety, Montreal, Canada, August 4-9, 2002, pp. 951-954. Quebec, Canada: Société de l'assurance automobile du Québec, 2002.
- Stewart, K. "Putting research into action: Barriers and tools for the implementation of research-based countermeasures." In J. Oliver, P. Williams and A. Clayton (eds.) The Proceedings of the 17th International Conference on Alcohol, Drugs, and Traffic Safety, Glasgow, Scotland, August 8-13, 2004. International Council on Alcohol, Drugs and Traffic Safety (ICADTS), 2004.
- Stewart, K. "Introduction to the special issue on alcohol and drug impaired driving," Traffic Injury Prevention, 5(3):173-174, 2004.
- Stewart, K. (ed.) Implementing Impaired Driving Countermeasures: Putting Research into Action, A Symposium, August 21-23, 2003, Irvine, California, (Transportation Research Circular E-C072). Washington, DC: Transportation Research Board of the National Academies. <http://trb.org/publications/circulars/ec072.pdf>, January 2005.
- Stewart, L. & Casswell, S. "Media advocacy for alcohol policy support: Results from the New Zealand Community Action Project," Health Promotion International, 8:167-175, 1993.
- Stewart, K., Grube, J.W., and Reynolds, R. "Drinking in the United States: Myths, realities, and prevention policy." In D.R. Mayhew and C. Dussault (eds.) Proceedings of the 16th International Conference on Alcohol, Drugs and Traffic Safety, Montreal, Canada, August 4-9, 2002, pp. 729-733. Quebec, Canada: Société de l'assurance automobile du Québec, 2002.
- Stewart, K., Gruenewald, P.J., and Parker, R.N. "Assessing legal change: Recidivism and administrative per se laws," Journal of Quantitative Criminology, 8(4):375-394, 1992.
- Stewart, K., Hickes, R., and Harpster, G.F. Law Enforcement and Higher Education: Finding Common Ground to Address Underage Drinking on Campus. Report prepared by Pacific Institute for Research and Evaluation in support of the OJJDP Enforcing the Underage Drinking Laws Program, 2001.
- Stockwell, T., Chikritzhs, T., Hendrie, D., Fordham, R., Ying, F., Phillips, M., Cronin, J., and O'Reilly, B. "The public health and safety benefits of the Northern Territory's Living with Alcohol programme," Drug and Alcohol Review, 20:167-180, 2001.

- Stockwell, T., Gruenewald, P.J., Toumbourou, J.W., and Loxley, W. (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Stout, E., Sloan, F.A., Liang, L., and Davies, H.H. "Reducing harmful alcohol-related behaviors: Effective regulatory methods," Journal of Studies on Alcohol, 61:402-412, 2000.
- Stuster, J.W. and Blowers, P.A. Experimental Evaluation of Sobriety Checkpoint Programs, National Highway Traffic Safety Administration, Washington, DC, 1995.
- Sweedler, B.M., Stewart, K., and Voas, R.B. "Impaired driving: Vehicle sanctions around the world." In J. Oliver, P. Williams and A. Clayton (eds.) The Proceedings of the 17th International Conference on Alcohol, Drugs, and Traffic Safety, Glasgow, Scotland, August 8-13, 2004. International Council on Alcohol, Drugs and Traffic Safety (ICADTS), 2004.
- Toomey, T., and Wagenaar, A. "Policy options for prevention: The case of alcohol," Journal of Public Health Policy, 20(2):193-212, 1999.
- Toomey, T.L., and Wagenaar, A.C. "Environmental policies to reduce college drinking: Options and research findings," Journal of Studies on Alcohol, 14(Suppl.):193-205, 2002.
- Toomey, T.L., Wagenaar, A.C., Kilian, G., Fitch, O., Rothstein, C., and Fletcher, L. "Alcohol sales to pseudo-intoxicated bar patrons," Public Health Reports, 114:337-342, 1999.
- Treno, A.J., Breed, L., Holder, H.D., Roeper, P., Thomas, B.A., and Gruenewald, P.J. "Evaluation of media advocacy efforts within a community trial to reduce alcohol-involved injury: Preliminary newspaper results," Evaluation Review, 20(4):404-423, 1996.
- Treno, A.J., Grube, J.W., and Martin, S.E. "Alcohol availability as a predictor of youth drinking and driving: A hierarchical analysis of survey and archival data," Alcoholism: Clinical and Experimental Research, 27(5):835-840, 2003.
- Treno, A.J., Gruenewald, P.J., and Johnson, F.W. "Alcohol availability and injury. The role of local outlet densities," Alcoholism: Clinical and Experimental Research, 25(10), 1467-1471, 2001.
- Treno, A.J. and Holder, H.D. "Community mobilization, organizing, and media advocacy: A discussion of methodological issues," Evaluation Review, 21(2):166-190, 1997.
- Treno, A.J. and Holder, H.D. "Community mobilization: Evaluation of an environmental approach to local action," Addiction, 92(Supplement 2):S173-S187, 1997.
- Treno, A.J. and Holder, H.D. "Evaluating efforts to reduce community-level problems through structural rather than individual change: A multicomponent community

- trial to prevent alcohol-involved problems," Evaluation Review, 21(2):133-139, 1997.
- Treno, A.J. and Holder, H.D. "Environmental approaches to reducing underage drinking," Juvenile Justice, 5(2):20-27, 1998.
- Treno, A.J. and Holder, H.D. "Prevention at the local level." In N. Heather, T.J. Peters, and T.R. Stockwell (eds.) International Handbook of Alcohol Dependence and Problems, pp. 771-783. New York: John Wiley & Sons, Ltd., 2001.
- Treno, A.J. and Lee, J.P. "Approaching alcohol problems through local environmental interventions," Alcohol Research & Health, 26(1):35-40, 2002.
- Treno, A.J., Lee, J.P., Freisthler, B., Remer, L.G. Gruenewald, P.J. "Application of evidence-based approaches to Community interventions." In T. Stockwell, P. Gruenewald, J. Toumbourou, and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 177-189. New York: John Wiley & Sons Ltd., 2005.
- Treno, A.J.; Nephew, T.M.; Ponicki, W.R.; and Gruenewald, P.J. "Alcohol beverage price spectra: Opportunities for substitution," Alcoholism: Clinical and Experimental Research, 17(3):675-680, 1993.
- Trolldal, B. and Ponicki, W. "Alcohol price elasticities in control and license states in the United States, 1982-99," Addiction, 100(8):1158-1165, 2005.
- U.S. Congress House Subcommittee on Crime. International Drug Supply, Control, and Interdiction: Hearing Before the U.S. House Subcommittee on Crime and Criminal Justice of the Committee on the Judiciary, July 15, 1993, Washington, DC, 1994.
- U.S. Department of Health and Human Services. Reducing Tobacco Use: A Report of the Surgeon General, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health, Atlanta, GA, 2000.
- Uchida, C., Forst, B., and Annan, S. Controlling Street-Level Drug Trafficking: Evidence from Oakland and Birmingham, Bureau of Justice Assistance, Office of Justice Programs, U.S. Department of Justice, Washington, DC, 1992.
- Ulmer, R.G., Ferguson, S.A., Williams, A.F., and Preusser, D.F. Teenage Crash Reduction Associated with Delayed Licensure in Connecticut, Arlington, VA, 2000.
- Voas, R., Holder, H. and Gruenewald, P. "The effect of drinking and driving interventions on alcohol-involved traffic crashes with a comprehensive community trial," Addiction, 2(Suppl.):s221-s236, 1997.

- Voas, R., Lange, J. and Johnson, M. "Reducing high-risk drinking by young Americans south of the border: The impact of a partial ban on sales of alcohol," Journal of Studies on Alcohol, 286-292, 2001.
- Voas, R., Tippetts, S., Johnson, M., Lange, J. and Baker, J. "Operation safe crossing: Using science within a community intervention," Addiction, 97:1205-1214, 2001.
- Voas, R.B., Furr-Holden, D., Lauer, E., Bright, K., Johnson, M.B., and Miller, B. "Portal surveys of time-out drinking locations: A tool for studying binge drinking and AOD use," Evaluation Review, 30(1):44-65, 2006.
- Voas, R.B., Holder, H.D., and Gruenewald, P.J. "The effect of drinking and driving interventions on alcohol-involved traffic crashes within a comprehensive community trial," Addiction, 92(Supplement 2):S221-S236, 1997.
- Voas, R.B., Johnson, M., and Lange, J. "Permission to cross the border: Effective policy reduces high-risk drinking by Marines," Journal of Studies on Alcohol, 63(6):645-648, 2002.
- Voas, R.B., Lange, J., and Treno, A.J. "Documenting community-level outcomes: Lessons from drinking and driving," Evaluation Review, 21(2):191-208, 1997.
- Wagenaar, A. and Holder, H.D. "Changes in alcohol consumption resulting from elimination of retail wine monopolies: Results from five U.S. states," Journal of Studies on Alcohol, 56(5):566-572, 1995.
- Wagenaar, A., O' Malley, P., and LaFond, C. "Lowered legal blood alcohol limits for young drivers: Effects on drinking, driving, and driving after drinking behaviors in 30 states," American Journal of Public Health, 91(5):801-804, 2001.
- Wagenaar, A.C. "Alcohol outlet policies and practices concerning sales to underage people," Addiction, 91(4):589-602, 1996.
- Wagenaar, A.C. and Holder, H.D. "Effects of alcoholic beverage server liability on traffic crash injuries," Alcoholism: Clinical and Experimental Research, 15(6):942-947, 1991.
- Wagenaar, A.C. and Holder, H.D. "The scientific process works: Seven replications now show significant wine sales increases after privatization (A Letter to the Editor)," Journal of Studies on Alcohol, 57(5):575-576, 1996.
- Wagenaar, A.C. and Holder, H.D. "Wine privatization in Iowa: A response to Mulford, Ledolter and Fitzgerald," (A Letter to the Editor) Journal of Studies on Alcohol, 54(2):251-252, 1993.
- Wagenaar, A.C., Murray, D.M., and Toomey, T.L. "Communities Mobilizing for Change on Alcohol (CMCA): Effects of a randomized trial on arrests and traffic crashes," Addiction, 95(2):209-217, 2000.
- Wagenaar, A.C., Murray, D.M., Gehan, J.P., Wolfson, M., Forster, J.L., Toomey, T.L., Perry, C.L., and Jones-Webb, R. "Communities mobilizing for change on alcohol:

- Outcomes for a randomized community trial," Journal of Studies on Alcohol, 61(1):85-94, 2000.
- Wagenaar, A.C. and Toomey, T.L. "Effects of minimum drinking age laws: Review and analyses of the literature from 1960 to 2000." Journal of Studies on Alcohol, Supplement 14, 2002
- Wagenaar, A.C. and Wolfson, M. "Deterring sales and provision of alcohol to minors: A study of enforcement in 295 counties in four states," Public Health Reports, 110:419-427, 1995.
- Wagenaar, A.C. and Wolfson, M. "Enforcement of the legal minimum drinking age in the United States," Journal of Public Health Policy, 15:37-53, 1994.
- Wakefield, M. and Chaloupka, F. "Effectiveness of comprehensive tobacco control programmes in reducing teenage smoking in the USA," Tobacco Control, 9(2):177-186, 2000.
- Wakefield, M., Flay, B., Nichter, M., and Giovino, G. Role of Media in Influencing Trajectories of Youth Smoking, Chicago, IL: Health Research and Policy Centers, University of Illinois, 2001.
- Wallin, E. and Andréasson, S. "Effects of a community action program on problems related to alcohol consumption at licensed premises." In T. Stockwell, P.J. Gruenewald, J.W. Toumbourou, and W. Loxley (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 207-223. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Wechsler, H., Lee, J., and Rigotti, N. "Cigarette use by college students in smoke-free housing: Results of a national study." American Journal of Preventive Medicine, 20(3):202-207, 2001.
- Wilbur, P.M. and Stewart, K. Strategic Media Advocacy for Enforcement of Underage Drinking Laws. Report prepared by Pacific Institute for Research and Evaluation in support of the OJJDP Enforcing the Underage Drinking Laws Program, 1999.
- Wilkey, M.B., Woodruff, S.I., Pampalone, S.Z., and Conway, T.L. "Self-service sale of tobacco: How it contributes to youth access," Tobacco Control, 4:355-361, 1995.
- Younie, S., Scollo, M., Hill, D., and Borland, R. "Preventing tobacco use and harm: What is evidence based policy?" In Stockwell, T., Gruenewald, P.J., Toumbourou, J.W. and Loxley, W. (eds.) Preventing Harmful Substance Use: The Evidence Base for Policy and Practice, pp. 337-350. Chichester, West Sussex, England: John Wiley & Sons, Ltd., 2005.
- Zador, P., Lund, A., Fields, M., and Weinberg, K. "Fatal crash involvement and laws against alcohol-impaired driving," Journal of Public Health Policy, 10:467-485, 1989.

Zaza, S., Sosin, D.M., Thompson, R.S., and the Task Force on Community Preventive Services. "Review of evidence regarding interventions to reduce alcohol-impaired driving," American Journal of Preventive Medicine, 31(Supple. 4):66-88, 2001.

II. Unpublished Documents

Alcohol Epidemiology Program. (2000). *Alcohol compliance checks: A procedures manual for enforcing alcohol age-of-sale laws*. Minneapolis: University of Minnesota. Retrieved January 27, 2005, from <http://www.epi.umn.edu/alcohol/pdf/manual.pdf>

Alcohol Epidemiology Program. (November 2000). *Alcohol policies in the United States: Highlights from the 50 states*. Minneapolis: University of Minnesota. Available online at <http://www.epi.umn.edu/alcohol/pdf/Chrtbook.pdf>

Alcohol Epidemiology Program. (November 2000). *Alcohol policies in the United States: Highlights from the 50 states*. Minneapolis: University of Minnesota. Available online at <http://www.epi.umn.edu/alcohol/pdf/Chrtbook.pdf>

Alcohol Policies in the United States: Highlights from the 50 States

Looks at alcohol policies in the 50 states and how they have used environmental strategies to change local policies and norms. Examining how alcohol is produced, distributed, taxed, and used can be effective tools to diminish the persistent and costly social and health problems associated with alcohol use. www.epi.umn.edu/alcohol/pdf/Chrtbook.pdf

American Medical Association Office of Alcohol and Other Drug Use. (2002). *Alcohol Issues: Partner or foe? The alcohol industry, youth alcohol problems, and alcohol policy strategies*. Retrieved January 27, 2005, from http://www.alcoholpolicysolutions.net/alcoholpolicymd/alcohol_policy/foe_final.pdf

American Medical Association. (n.d.). *The effects of environmental factors on alcohol use and abuse*. Retrieved November 18, 2004, from http://www.alcoholpolicysolutions.net/research_studies_effects.htm

American Medical Association. *The impact of alcohol pricing and promotional activities on high-risk drinking*. Retrieved November 17, 2004, from http://www.alcoholpolicysolutions.net/research_studies_impact_pricing.htm

Americans Nonsmokers' Rights Foundation. (2004). *Smokefree ordinance lists*. Retrieved January 27, 2005, from <http://www.no-smoke.org/goingsmokefree.php?dp=d13|p140>

Ames, G.M. "Revisiting environmental approaches to prevention of workplace alcohol problems: Where do we go from here?" Berkeley, CA: Prevention Research Center, 2000.

Bickford, A.J., Ames, G.M., and Moore, R.S. "Alcohol policy in the United States Navy: The ideal and the real," Berkeley, CA: Prevention Research Center, December 16, 2003.

Changing the Larger Environment: Critical Components

This material excerpts key points made in Science-Based Prevention Strategies, with a particular focus on the environment.

www.northeastcapt.org/products/critical/envicr/envicr.pdf

Clark, W.C., and Dickson, N.M. "Sustainability Science: The Emerging Research Program." *Proceedings of the National Academy of Sciences of the United States of America* 100.14 (2003): 8059-8061.

Czart, C., Pacula, R., Chaloupka, F., and Wechsler, H. "The Impact of Prices and Control Policies on Cigarette Smoking Among College Students." *Contemporary Economic Policy*. 19:2 (2001): 135-149.

<http://repositories.cdlib.org/tc/reports/YO2/>

Environmental Prevention Strategies: An Introduction and Overview

Discusses the advantages of environmental strategies and why this comprehensive approach is successful and reducing substance abuse.

www.tmfnet.org/rchc/environmental.pdf

Environmental Prevention Strategies: Evidence of Effectiveness

Provides examples of environmental strategies regarding alcohol, drug, and tobacco use and the effects.

www.healthiercommunities.org/info/Stewart.htm

Environmental Prevention Strategies: Putting Theory into Practice

This video and accompanying 116 page guide are intended to be used to raise awareness and increase knowledge about environmental prevention strategies in youth drug abuse prevention.

The video is available to purchase from the National Clearinghouse for Alcohol and Drug Information (NCADI) by calling (800) 729-6686 and requesting inventory number VHS122. You can preview the video online at:

<http://overhill.health.org/asf1/InventoryVideos/Environmental.aspx>

Epstein, J., Higher Education Center for Alcohol and Other Drug Prevention. (January 1999). *The Higher Education Amendments*. Retrieved November 11, 2004, from

<http://www.edc.org/hec/pubs/prev-updates/higher-ed-amend.html>

Farrelly, M., Evans, W., and Sfekas, A. "The Impact of Workplace Smoking Bans: Results from a National Survey." *Tobacco Control*. 8:3 (1999):272-277.

<http://tc.bmjournals.com/cgi/content/full/8/3/272>

Fisher, D. A. (n.d.). *Environmental prevention strategies: An introduction and overview*.

Retrieved January 26, 2005, from <http://www.northeastcapt.org/csap/>

G-CAP, "Proper Steps to Conducting Effective Compliance Checks on Tobacco or Alcohol Retailers." <http://www.epi.umn.edu/alcohol/policy/compchks.html>

Gorman, D.M., Mezic, J., Mezic, I., and Gruenewald, P.J. "Agent-based modeling of drinking behavior: A preliminary model and potential applications to theory and practice," September 30, 2005. (under review)

- Grube, J.W., and Stewart, K. Guide to Conducting Alcohol Purchase Surveys. Prepared by the Office of Juvenile Justice and Delinquency Prevention and the Underage Drinking Enforcement Training Center. Calverton, MD: Pacific Institute for Research and Evaluation, 1999.
- Gruenewald, P.J. "Community-based prevention programs." Presented at the National Institute on Alcohol Abuse and Alcoholism Research Forum "Alcohol Research and Applications to Prevention and Treatment" at the Annual Meeting of the National Association of State Alcohol and Drug Abuse Directors, Salt Lake City, UT, May 30, 1998.
- Gruenewald, P.J. "Sources of alcohol: The central role of availability in alcohol studies." Paper prepared for the October 6, 1998 NIAAA sponsored meeting on the Prevention Portfolio, Bethesda, MD, October 6, 1998. Harwood, E., Wagenaar, A., and Bernat, D. (2002). *Youth access to alcohol survey: Summary report*. Minneapolis: University of Minnesota.
- Gruenewald, P.J., Hill, M., Treno, A., and Taff, G.A. "Community indicators related to substance use: The complementarity of archival and survey data." Paper presented at the conference "Community Score Cards: Measures of Success or Failure in Fighting Substance Abuse," sponsored by Join Together, Boston, MA, September 20-22, 1993. Harwood, H. (n.d.). *Economic costs of fetal alcohol syndrome* [Presentation]. Retrieved January 27, 2005, from <http://www.fascenter.samhsa.gov/gq/economicCostsOfFAS.cfm>
- Gruenewald, P.J., Janes, K., Klitzner, M., Madden, P.A., Nephew, T.M., Ponicki, W.R., and Treno, A.J. "Health consequences of alcohol use and societal impacts of policy." Paper presented at the 67th Annual Western Economic Association International Conference, San Francisco, CA, July 10, 1992.
- Gruenewald, P. and Klitzner, M. "The impact of normative vs. statutory regulation of alcohol beverages on alcohol consumption." Paper presented at the 1989 meeting of the International Conference on Alcohol, Drugs and Traffic Safety, Chicago, IL, October 24-27, 1989.
- Gruenewald, P.J. and Mitchell, P.R. "Access to alcohol: The role of availability in individual alcohol use." Presented at the Annual Meeting of the Research Society on Alcoholism, Steamboat Springs, CO, June 18, 1995.
- Gruenewald, P.J., Ponicki, W.R., Roeper, P., Johnson, F.W., and Remer, L. "Geostatistical evaluation of community interventions." Paper presented at the Annual Meetings of the Research Society on Alcoholism, Santa Barbara, CA, June 26, 1999.
- Gruenewald, P.J. and Remer, L. "Changes in outlet densities affect violence rates," January 4, 2006. (under review)
- Harwood, E., Wagenaar, A., and Bernat, D. *Youth access to alcohol survey: Summary report*. Minneapolis: University of Minnesota, 2002.

Higher Education Center for Alcohol and Other Drug Prevention. (1998). *Environmental management: A comprehensive strategy for reducing alcohol and other drug use on college campuses*. Retrieved December 2, 2004, from <http://www.edc.org/hec/pubs/enviro-mgmt.html>

Holder, H.D. "A public health model for the prevention and reduction of alcohol problems." Testimony prepared for Governmental Affairs Committee, U.S. Senate, September 28, 1988.

Holder, H.D. "Monopoly retail sale of alcohol and changes in availability: Results from the United States." Prepared for Social Research Unit on Alcohol Studies, STAKES, Helsinki, Finland, October 10, 1997.

Howard, J., Taylor, J.A., Ganikos, M.L., Holder, H.D., Godwin, D.F., and Taylor, E.D. "An overview of prevention research: Issues, answers and new agendas," *Public Health Reports* 103(6):674-683, November/December 1988. (Available from Dr. Jan Howard, NIAAA, 6000 Executive Boulevard, Suite 505, Rockville, MD 20892)

Institute for Public Strategies. (1999). *San Diego issue briefing: U.S. teens and young adults drinking in Tijuana: An international exchange of problems and opportunities*. Retrieved January 27, 2005, from http://www.publicstrategies.org/bp_ib_eng_97.htm

Institute for Public Strategies. (August 2003). *Issue briefing: Keeping your special event festive and safe: A planning guide for Ventura County communities*. Retrieved January 27, 2005, from <http://www.publicstrategies.org/publications.htm>

Integrating Environmental Change Theory Into Prevention Practice

This document provides information about developing environmental strategies and the important components.

Join Together, Boston University. *Beyond Anecdote: Using Local Indicators to Guide Your Community Strategy to Reduce Substance Abuse*. 1999 Monthly Action Kit. Available through www.jointogether.org.

Keep Kids Alcohol Free: Strategies for Action

Describes the public and private application of three science-based prevention models. Informative online "e-sources" that highlight prevention strategies in action are also included. www.alcoholfreechildren.org/en/pubs/pdf/prevention.pdf

Klitzner, M. (n.d.). *Integrating environmental change theory into prevention practice* [PowerPoint presentation]. Retrieved December 17, 2004, from <http://www.northeastcapt.org/resources/csap/presentations/klitzner/>

Lee, J.P. and Treno, A.J. "The utility of rapid assessment methods in community-based alcohol problem prevention." Berkeley, CA: Prevention Research Center, November 12, 2002.

Longo, D., Johnson, J., Kruse, R., Brownson, R., and Hewett, J. "A Prospective Investigation of the Impact of Smoking Bans on Tobacco Cessation and

- Relapse." *Tobacco Control*. 10(2001):267-72.
<http://tc.bmjournals.com/cgi/content/full/10/3/267>
- Mancuso, R.F., Miller, B.A., Smyth, N.J., and Maguin, E. "Environmental effects on measures of adolescents' risk and resilience," December 18, 2003. (under review)
- McCrary, B.S., Zucker, R.A., Molina, B., Ammon, L., Ames, G.M., and Longabaugh, R. "Social environmental influences on the development and resolution of alcohol problems," November 23, 2005. (under review)
- Minnesota Prevention Resource Center. (n.d.). *Environmental approaches to prevention*. Retrieved November 16, 2004, from <http://www.emprc.org/sept98/envapp.html>
- Moore, R.S., Bickford, A.J., and Ames, G.M. "Tobacco control policy in the United States Navy: Progress towards smokefree workplaces," *Tobacco Control*, October 31, 2004. (under review)
- Moore, R.S., Delaney, W.P., and Ames, G.M. "Industrial work teams as health risk reducers," June 15, 2004. (under review)
- Moore, R.S., Lee, J.P., and Martin, S.E. "Correlates of persistent smoking in bars subject to smokefree workplace policy," *Tobacco Control*, November 15, 2004. (under review)
- Moore, R.S., Lee, J.P., Antin, T.M.J., and Martin, S.E. "Tobacco-free workplace policies and low SES female bartenders in San Francisco," *Journal of Epidemiology and Community Health* October 20, 2005. (under review)
- Mosher, J. and Stewart, K. Regulatory Strategies for Preventing Youth Access to Alcohol: Best Practices. Report prepared by Pacific Institute for Research and Evaluation for the OJJDP National Leadership Conference, July 11-14, 1999, Reston, Virginia, in support of the OJJDP Enforcing the Underage Drinking Laws Program, 1999.
- National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, Alcohol Policy Information System. (January 2004). *Selected policy topics: Keg registration*. Retrieved January 27, 2005, from <http://alcoholpolicy.niaaa.nih.gov/>
- National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, Alcohol Policy Information System. (January 2004). *Selected policy topics: Beverage service training and related practices*. Retrieved November 17, 2004, from <http://alcoholpolicy.niaaa.nih.gov/>
- National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, Alcohol Policy Information System. (January 2004). *Selected policy topics: Beverage service training and related practices as of January 1, 2004*. Retrieved January 27, 2005, from <http://alcoholpolicy.niaaa.nih.gov/>
- National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, Alcohol Policy Information Center. *Selected policy topics: Alcohol and pregnancy:*

- Mandatory warning signs as of January 1, 2004.* Retrieved January 27, 2005, from <http://alcoholpolicy.niaaa.nih.gov/>
- National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism. (April 9, 2002). *College drinking hazardous to campus communities: Task force calls for research-based prevention programs* [press release]. Retrieved December 17, 2004, from <http://www.niaaa.nih.gov/press/2002/college.htm>
- National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism. (April 2002.). *A call to action: Changing the culture of drinking at U.S. colleges.* Retrieved December 17, 2004, from http://www.collegedrinkingprevention.gov/Reports/TaskForce/TaskForce_TOC.aspx
- National Training Center for Middle School Drug Prevention and School Safety Coordinators. *Assessing Local Needs and Assets in Your School and Community* (1998). Available at <http://notes.edc.org/HHD/MS/mcres.nsf/Format> under the section titled "MSC Training Manual."
- Northeast Center for Healthy Communities. *Environmental strategies for substance abuse prevention.* (March 2003). PowerPoint presentation first shown as part of a training on March 3, 2003. Retrieved January 26, 2005, from <http://www.nc4hc.org/presentations.htm>
- Office of Juvenile Justice and Delinquency Prevention, U.S. Department of Justice. *Environmental Strategies to Prevent Alcohol Problems on College Campuses.* Available through the Pacific Institute for Research and Evaluation, www.pire.org.
- OJJDP – “*Environmental Strategies to Prevent Alcohol Problems on College Campuses*”
This document describes strategies that are used to create healthier campus environments in which alcohol is less available, more responsibly promoted and served, and poses less of a threat to the health, safety, and well-being of all students.
www.udetc.org/documents/EnviroStrat.pdf
- Ott, K.M., Ches, M.S., Quinn, L., and Thompson, S. J. A social ecological analysis of fetal alcohol spectrum disorders prevention programming. *Journal of FAS*, 2, e11, 2004. Available online at <http://www.motherisk.org/JFAS/archive.php?issue=3>
- Ponicki, W.R. and Gruenewald, P.J. "The impact of alcohol taxation on liver cirrhosis mortality," *Journal of Studies on Alcohol* January 27, 2006. (under review)
- Saltz, R.F. "Testimony before Government Organizational Committee of the California State Senate regarding SB1595—The Responsible Server Training Act," Berkeley, CA: Prevention Research Center, April 1986.
- Saltz, R.F. and Hennessy, M. "Reducing intoxication in commercial establishments: An evaluation of responsible beverage service practices." Berkeley, CA: Prevention Research Center, 1990.

Saltz, R.F., Light, J.M., Ames, G.M., and Moore, R.S. "Identifying group-level workplace influences on drinking." Berkeley, CA: Prevention Research Center, 2001.

Saltz, R.F., Woodall, W.G., and Wheeler, D. "Does gender matter when serving obviously-intoxicated patrons?" Berkeley, CA: Prevention Research Center, August 30, 2001.

Schneider Institute for Health Policy. Substance Abuse: The Nation's Number One Health Problem. 2001. (1993 edition also exists). Copies of the 2001 report can be ordered or downloaded at http://www.rwjf.org/app/rw_substance_abuse/rw_res_sa_chartbook.html. The Schneider Institute at Brandeis University prepared these lists of the key indicators for substance abuse with funding from the Robert Wood Johnson Foundation.

Science-Based Prevention Strategies

The Northeast CAPT has compiled the following information on science-based strategies, which is drawn in large part from the Center for Substance Abuse Preventions (CSAP's) Science-Based Practices in Substance Abuse Prevention. www.northeastcapt.org/products/critical/sciencestrat/strategies.pdf

Sprattler, K.M., Parker, R.N., and Gruenewald, P.J. "Administrative license revocation statutes: Do they really deter drunk driving?" Presented at the Annual Meeting of the Law and Society Association, Berkeley, CA, June 1990. Journal of Quantitative Criminology, February 1992.

State of Alaska, Department of Health and Social Services, (n.d.). *Fetal Alcohol Spectrum Disorders*. Retrieved January 27, 2005, from <http://health.hss.state.ak.us/dbh/prevention/programs/fasd/default.htm>

State of Alaska, Department of Health and Social Services, Division of Behavioral Health. (September 13, 2004). *Alaska's FASD Project* [Memorandum]. Obtained from L. Diane Casto, Program Manager, State of Alaska, Department of Health and Social Services, Office of Fetal Alcohol Syndrome.

State of Alaska, Department of Health and Social Services, Office of Fetal Alcohol Syndrome. (n.d.). *Alaska's FAS challenge*. Retrieved January 27, 2005, from <http://health.hss.state.ak.us/fas/AKfiveyrgoal/challenge.htm>

State of Alaska, Department of Health and Social Services, Office of Fetal Alcohol Syndrome. (n.d.). *Alaska's Birth Defects Registry*. Retrieved January 27, 2005, from <http://health.hss.state.ak.us/fas/Data/birthdefects.htm>

Stewart, K., Gruenewald, P., and Roth, T. "An evaluation of the specific deterrence effects of administrative license revocation." Paper presented at the 35th International Congress on Alcoholism and Drug Dependence, Oslo, Norway, July 31 - August 6, 1988.

The Department of Health and Human Services, State of Alaska, Office of Fetal Alcohol Syndrome. (n.d.). The office of FAS Media Campaign. Retrieved December 2, 2004, from <http://www.hss.state.ak.us/fas/Resources/media.htm>

- The Marin Institute. (n.d.). *Alcohol advertising and youth*. Retrieved November 16, 2004, from http://www.marininstitute.org/Youth/alcohol_ads.htm
- Treno, A.J.; Gruenewald, P.J.; Wood, D.S.; and Ponicki, W.R. "The price of alcohol: A consideration of contextual factors," June 9, 2005. (under review)
- U.S. Code, Title 21, Chapter 13, Subchapter I, Part D, 860. *Distribution or manufacturing in or near schools and colleges*.
- U.S. Department of Education's Higher Education Center for Alcohol and Other Drug Abuse and Violence Prevention. (June 1999). *College alcohol risk assessment guide: Prevention strategies*. Retrieved September 8, 2004, from <http://www.edc.org/hec/pubs/cara/prevent.html>
- U.S. Department of Education's Higher Education Center for Alcohol and Other Drug Abuse and Violence Prevention. (February 2003). *What campuses and communities are doing: Vassar College*. Retrieved January 27, 2005, from <http://www.edc.org/hec/ideasamplers/alpha.html>
- U.S. Department of Education's Higher Education Center for Alcohol and Other Drug Abuse and Violence Prevention. (February 2003). *What campuses and communities are doing: Texas A&M University*. Retrieved January 27, 2005, from <http://www.edc.org/hec/ideasamplers/alpha.html>
- U.S. Department of Health and Human Services Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. (n.d.). *General alcohol information* [Fact sheet]. Retrieved November 16, 2004, from http://www.cdc.gov/alcohol/factsheets/general_information.htm
- U.S. Department of Health and Human Services, Centers for Disease Control and National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, Task Force of the National Advisory Council on Alcohol Abuse and Alcoholism. (April 2002). Creating an environment that discourages high-risk drinking. *How to reduce high risk college drinking: Use proven strategies, fill research gaps*. Retrieved November 16, 2004, from http://www.collegedrinkingprevention.gov/Reports/Panel02/KeyResearch_02.asp
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Fetal Alcohol Spectrum Disorders Center for Excellence. (n.d.). *State laws related to posting of alcohol warnings at point of sale*. Retrieved December 2, 2004, from <http://www.fascenter.samhsa.gov/resource/signageLaws.cfm>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse and Prevention, with the Centers for Disease Control and Prevention Office of Smoking and Health, the American Academy of Pediatrics, and the National Education Association Health Information Network (n.d.). *Mediasharp: Analyzing tobacco and alcohol messages leader's guide*. Retrieved November 16, 2004, from http://www.cdc.gov/tobacco/educational_materials/mdiashrp.pdf

- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration. (n.d.). *Border binge-drinking reduction program*. Retrieved December 2, 2004, from <http://modelprograms.samhsa.gov/pdfs/Details/Border.pdf>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Northeast Center for the Application of Prevention Technologies. (n.d.). *Effective strategies: Building blocks of prevention, Module 1, Part 2: What is our prevention framework?* [Online course]. Retrieved May 26, 2004, from <http://www.northeastcapt.org/science201/week1/module1part2.htm>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Western Center for the Application of Prevention Technologies. (1999). *Environmental prevention strategies: Putting theory into practice training and resource guide*. Rockville, MD: National Clearinghouse for Alcohol and Drug Information. Retrieved December 16, 2004, from <http://casat.unr.edu/westcapt/ptip.ppt>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, National Clearinghouse for Alcohol and Drug Information. (April 2003). Estimated Economic Cost of Alcohol Abuse in the United States. *Substance Abuse in Brief: What you should know about alcohol problems*. Retrieved January 26, 2005, from <http://www.kap.samhsa.gov/products/brochures/pdfs/SAB-04-2003.PDF>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention. (2001). *Prevention works! A practitioner's guide to achieving outcomes*. Unpublished conference edition obtained from CSAP.
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention Communications Team. (September 2004). *Technical assistance bulletin: Following specific guidelines will help you assess cultural competence in program design, application, and management*. Retrieved January 27, 2005, from <http://ncadi.samhsa.gov/govpubs/MS500/>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Northeast Center for the Application of Prevention Technologies. (2001). *Policy: A strategy for prevention practitioners*. Retrieved January 27, 2005, from <http://www.northeastcapt.org/products/strategies/policy/policypaper.html>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Division of Knowledge Development and Evaluation. (2001). *Principles of substance abuse prevention* [DHHS Publication No. (SMA)01-3507]. Retrieved January 27, 2005, from http://modelprograms.samhsa.gov/pdfs/pubs_Principles.pdf

- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention. (n.d.). *Foundations of prevention* [Online course]. Unit 5: Health communication and social marketing. Retrieved November 23, 2004, from <http://prevtech.samhsa.gov/fop/>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration Center for Substance Abuse Prevention, Northeast Center for the Application of Prevention Technologies (n.d.). *Communications: A strategy for prevention practitioners*. Retrieved January 27, 2005, from <http://www.northeastcapt.org/products/strategies/communication/communicationspaper.html>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention Communications Team. (September 1994). *Technical assistance bulletin: You can avoid common errors as you develop prevention materials*. Retrieved November 23, 2004, from <http://ncadi.samhsa.gov/govpubs/MS497/>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Western Center for the Application of Prevention Technologies. (n.d.). *Media advocacy for environmental change* [PowerPoint presentation], by N. Luna. Retrieved January 28, 2005, from <http://casat.unr.edu/westcapt/ma.ppt>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Prevention, Division of Knowledge Development and Evaluation. (2001). *Science-based substance abuse prevention: A guide* [DHHS Publication No. (SMA)01-3505]. Retrieved December 16, 2004, from http://modelprograms.samhsa.gov/pdfs/pubs_Guide.pdf
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration Center for Substance Abuse Prevention, Northeast Center for the Application of Prevention Technologies (n.d.). *Collaboration: A strategy for prevention practitioners*. Retrieved February 17, 2005, from <http://www.northeastcapt.org/products/strategies/collaboration/collaborationpaper.html>
- U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Fetal Alcohol Spectrum Disorders Center for Excellence. (April 2005). *Fetal Alcohol Spectrum Disorders Center for Excellence*. Retrieved April 8, 2005, from <http://fascenter.samhsa.gov/>
- U.S. Department of Transportation, National Highway Traffic Safety Administration. (April 2004). *Traffic safety facts: Repeat intoxicated driver laws* [Fact sheet]. Retrieved November 17, 2004, from <http://www.nhtsa.dot.gov/people/injury/New-fact-sheet03/RepeatIntoxicated.pdf>
- U.S. Department of Transportation, National Highway Traffic Safety Administration. (2000). Cumulative estimated number of lives saved by minimum drinking age

- laws, 1975-2000 [black and white insert #7]. *Youth fatal crash and alcohol facts 2000*. Retrieved January 26, 2005, from <http://www.nhtsa.dot.gov/people/injury/alcohol/Archive/2002YFCAF/bwinsersts.html>.
- U.S. Department of Transportation, National Highway Traffic Safety Administration. (March 2004). *Traffic safety facts: .08 BAC illegal per se level* [Fact sheet]. Retrieved January 27, 2005, from <http://www.nhtsa.dot.gov/people/injury/New-fact-sheet03/fact-sheets04/Laws-08BAC.pdf>
- Wagenaar, A.C. Alcohol Policy Literature Review. Paper presented at a meeting of the National Institute on Alcohol Abuse and Alcoholism Expert Panel on Confronting Challenges to Alcohol-Focused Prevention, Bethesda, MD., October 25-27, 2000.
- Wagenaar, A.C. and Toomey, T.L. Effects of Minimum Drinking Age Laws: Review and Analyses of the Literature, prepared for Advisory Council Subcommittee, Rockville, MD, 2000.
- Willingham, M. Reducing Alcohol Sales to Underage Purchasers. Prepared by the Office of Juvenile Justice and Delinquency Prevention and the Underage Drinking Enforcement Training Center. Calverton, MD: Pacific Institute for Research and Evaluation, 2000.
- World Health Organization. *Tobacco free initiative*. Retrieved November 16, 2004, from <http://www.who.int/tobacco/en/>.