
ADAI NEWS

Spring 1995

ALCOHOL & DRUG ABUSE INSTITUTE, UNIVERSITY OF WASHINGTON

DIRECTOR'S COLUMN

The past year has been very productive for the Research Scientists and Staff of the Alcohol and Drug Abuse Institute. We have experienced considerable growth in our staff. While the ultimate outcome of this growth is positive, it is not without traditional growing pains such as space and resources. Overall, there are currently 33 employees on the ADAI payroll, an increase from 13 employees two years ago. Two new individuals have joined the Institute as Research Scientists. The first is **Mike Gorman**, whose doctorate is in Medical Anthropology; he has subsequently added masters degrees in Public Health and Social Work. Prior to joining our staff, Mike gained research experience with the Center for Disease Control (CDC) and the RAND Corporation; he was also on the faculty in the School of Public Health/Epidemiology at the University of California, Berkeley. His area of interest is in methamphetamine use as a risk factor in the transmission of HIV infection among gay and bi-sexual males. He brings a unique combination of skills to the Institute, including qualitative, ethnographic research methods, epidemiological methods, and clinical service delivery backgrounds. His position was funded in part by the Health Sciences Administration, for which the Institute is appreciative.

The second member to join our staff as a Research Scientist is **Gary Cox**, whose background is in quantitative psychology and program evaluation. Prior to joining the Institute, Gary had been a faculty member of the Department of Psychiatry and Behavioral Sciences in the School of Medicine, with a rank of Research Associate Professor. He brings expertise in the evaluation of substance abuse and mental health service delivery systems, secondary analyses of large scale data bases, and computer modeling of clinical systems. He has been actively involved through the Institute with the State's Division of Alcohol and Substance Abuse in evaluating a number of components of their programs. We feel that the addition of both Mike and Gary has strengthened and expanded the research capabilities of our Research Scientists.

A note of congratulations is also extended to **Barbara Leigh**. Over the last two years, in addition to continuing to maintain an active and productive research program and receiving an NIAAA Research Scientist Development Award, she has successfully completed her M.P.H. degree in epidemiology. Congratulations, Barbara!

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ADAI SMALL GRANT SPOTLIGHT

Police officers recognize drunk driving with a high degree of accuracy when investigating crashes in which the driver is transported to a trauma center, according to research conducted by the Harborview Injury Prevention and Research Center (HIPRC) in cooperation with the Washington Traffic Safety Commission and funded by a Small Grant from ADAI. That evaluation, using standard physical criteria to detect alcohol, is enhanced by the added use of portable chemical breath testing devices.

"Alcohol is a significant risk factor for motor vehicle-related injuries and deaths to both drivers and pedestrians," said **David Grossman, M.D., M.P.H.**, author of the study and a co-director at the HIPRC. "Efforts aimed at reducing this toll, whether they are legislative, police or other interventions, often rely on routinely collected police-reported crash data, including the police officer's initial assessment of the driver's sobriety. However, the accuracy of that initial police assessment has never been clearly established. We sought to do that."

Grossman and his colleagues linked data from the Washington State Patrol Traffic Accident Database, which contains a report of every motor vehicle crash reported to police in Washington to the Harborview Trauma Registry, which has information on all patients admitted to Harborview for more than 48 hours of care for trauma, those who died from trauma in the emergency department, and those who were transferred from another facility to Harborview Medical Center for hospitalization. The study examined data from 1986-1993.

Almost three-fourths of the drivers identified by both databases were male (70%) and under the age of 45 (79%). About half of the drivers sustained serious injuries. Crashes resulting in hospital admission were more likely to happen on weekends during evening hours. Nearly half of the drivers (46%) were judged by police to have been drinking prior to the crash, based on either a subjective assessment or a chemical breath analysis. This is only slightly lower than those who had measurable alcohol levels according to emergency department data (50%).

Police correctly identified 91% of drivers as impaired who had blood alcohol content (BAC) levels greater than or equal to .1mg%, Washington's legal limit of intoxication. They also correctly classified 90% of drivers as unimpaired whose BAC levels were less than .1mg%, or

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below the legal limit of intoxication. There was little difference in correctly identifying male or female drunk drivers. Officers were less likely to recognize intoxication among older drivers, particularly those 75 years or older. They were also less likely to identify non-white drivers as impaired, drivers of crashes that occurred during the morning or on a weekday. Severely injured drivers were more likely to be recognized as drunk.

"Police do an excellent job of evaluating the sobriety of drivers involved in motor vehicle crashes," concludes Dr. Grossman. "This is true when they perform an assessment on physical characteristics only, such as slurred speech, chemosis of the eyes, poor motor coordination, or the odor of alcohol in the driver's breath. Their assessment is enhanced when the physical assessment is combined with a chemical breath test. Hopefully, police recognition of drunk driving will further efforts to get these people off the road."

Other researchers in the study include **Beth A. Mueller, Dr.P.H.**; **Tricia Kenaston**; **Gregory J. Jurkovich, M.D.**; **Phillip Salzberg, Ph.D.**; and **William Cooper**. In addition to their affiliation with the HIPRC, the researchers also represent the Departments of Pediatrics, Epidemiology, and Surgery at the University of Washington. □

SDRG PART OF CSAP MULTISITE PROJECT

The National Center for the Advancement of Prevention (NCAP) was established in 1993 by the Center for Substance Abuse Prevention (CSAP) to translate current prevention research findings and methodologies into planning and evaluation applications for alcohol and other drugs prevention programs.

NCAP is a multi-site project designed to stimulate collaboration among State and Federal agencies and local communities by developing prevention standards and methodologies, and by disseminating prevention research information.

The Social Development Research Group (SDRG) of the School of Social Work is one of the NCAP sites. ADAI Research Affiliates **J. David Hawkins** and **Richard Catalano** and Project Director **Michael Arthur** will develop guides to assist States in prevention needs assessment, especially in underserved populations. New technologies for obtaining, organizing and analyzing needs assessment information are being studied. Handbooks for State alcohol and drug agencies are being developed.

SDRG is also developing a community monitoring system, a database of indicators of alcohol, tobacco and other drug use and abuse at the local community level, which will be used to provide information on trends in ATOD use and associated risks. This information will be useful in prevention planning and policy making for the community. □

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The growth noted above both results from and contributes to the increase in the volume of grants being conducted by our Research Scientists and administered through ADAI. During the 1994 calendar year, ADAI Research Scientists were responsible for income from grants and contracts totaling \$1,454,500. This does not include grants on which ADAI Research Scientists play major roles as Co-PIs or Investigators but that are administered through other Schools and Departments on campus. This represents a marked increase over the income of nearly \$200,000 during the 1993 calendar year. We hope that this level of success and productivity can be maintained in the future.

We have been fortunate to sponsor or co-sponsor a number of nationally prominent speakers during the past year: **H. Laurence Ross** spoke on drunk driving and sociological perspectives; **Richard Needle** discussed NIDA's HIV-related research; and **Carlo Di Clemente, Cheryl Grills,** and **Joseph Rossi** presented at a symposium on Readiness for Change and Substance Abuse Treatment. The presentations have been stimulating and well received. The symposium on Readiness for Change attracted nearly 125 university and community participants. I thank the many colleagues and Research Affiliates of the Institute who have provided us with the opportunity to sponsor individuals of such high caliber. This represents the type of interaction and facilitation among the University community that the Institute hopes to continue to foster. □



NEW RESEARCH AFFILIATES

Rebecca Kang, Ph.D. is ADAI's newest Research Affiliate. She is an assistant professor in the Department of Community Health Care Systems, School of Nursing, where some of her research interests include alcohol, drugs, and violence prevention, and the mental health of Asians and Pacific Islanders.

Dennis D. Rasmussen, Ph.D. is a faculty member in the Department of Medicine and a Clinical Endocrinologist at American Lake Veterans Administration Medical Center. His research involves the role the forebrain opiomelanocortinergic system may play in mediating neuroendocrine and behavioral responses to alcohol and other drugs of abuse.

Peggy S. Wood, Ph.D. has also joined ADAI recently as a Research Affiliate. She has a faculty appointment in the Department of Psychiatry and Behavioral Sciences and is currently a Psychologist at the Seattle VA Medical Center Outpatient Addictions Treatment Division. Her research interests include help-seeking behavior in people who are already receiving substance treatment; treatment utilization by women veterans with substance abuse issues; and the relationship between sexual abuse issues, substance use issues, and physical symptoms for women veterans. □

SMALL GRANT AWARDS

The following proposals were awarded funding by ADAI during the Spring and Fall 1994 award cycles:

Acute Effects of Alcohol after Traumatic Brain Injury, submitted by **Charles H. Bombardier**, Ph.D., Assistant Professor, Department of Rehabilitation Medicine

Comparison of Two Attrition Prevention Interventions in Patients with Comorbid Substance Dependence and Major Psychiatric Illness, submitted by **Donald A. Calsyn**, Ph.D., Professor, Department of Psychiatry and Behavioral Sciences

Alcohol and Women's Appraisal of Risks for Sexual Aggression, submitted by **William H. George**, Ph.D., Associate Professor, Department of Psychology

Cannabinoid Receptor Antibodies, submitted by **Ken Mackie**, M.D., Assistant Professor, Department of Anesthesiology

Safety of Disulfiram (Antabuse) for Alcohol Dependent Patients with Hepatitis C Infection and/or Abnormal Liver Function Tests, submitted by **Andrew J. Saxon**, M.D., Assistant Professor, Department of Psychiatry and Behavioral Sciences

Detecting Early Neuropsychological Effects of Prenatal Drug and Alcohol Exposure in Children of HIV+ Mothers, submitted by **Stephen Sulzbacher**, Ph.D., Associate Professor, Department of Psychiatry and Behavioral Sciences

A Pilot Study Comparing Severely Mentally Ill Opiate Addicts in Dual Diagnosis Treatment with Opiate Addicts in Methadone Maintenance, submitted by **Hubert E. Armstrong**, Ph.D., Associate Professor, Department of Psychiatry and Behavioral Sciences

College Health Center Brief Intervention for High Risk Drinkers, submitted by **John S. Baer**, Ph.D., Research Associate Professor, Department of Psychology

Pharmacokinetics and Pharmacodynamics of Methadone Stereoisomers, submitted by **T. Andrew Bowdle**, M.D., Ph.D., Associate Professor, Department of Anesthesiology

Microglia as a Cellular Target for the Developmental Neurotoxicity of Ethanol, submitted by **Lucio G. Costa**, Dott. Pharm., Professor, Department of Environmental Health

Independent Effects of Cirrhosis and Ethanol in Rats, submitted by **Douglas A. Fitts**, Ph.D., Research Associate Professor, Department of Psychology

Prevalence of Hearing Loss in Children with Fetal Alcohol Syndrome, submitted by **Susan J. Norton**, Ph.D., Associate Professor, Department of Otolaryngology, Head and Neck Surgery

Effects of Alcohol on Women's Ability to Respond to Sexual Aggression, submitted by **Paula Nurius**, Ph.D., Associate Professor, School of Social Work

A New Model for Investigating Developmental Responses to Fetal Drug Exposure: Prenatal Alcohol Effects on Brain Opiomelanocortinergic Reaction, submitted by **Dennis D. Rasmussen**, Ph.D., Research Associate Professor, Department of Medicine □

ADAI SCIENTIST PROFILE: BARBARA LEIGH

Barbara Leigh, Senior Scientist at ADAI, has received a five-year Research Scientist Development Award (RSDA) from NIAAA. The purpose of the RSDA program is to enhance the development of scientists by enabling them to engage in research on a full-time, long-term basis. The award provides salary support for the investigator's research and research-related activities.

Leigh received her Ph.D. in psychology from the University of Washington in 1983, and has since been involved in alcohol research full-time. She completed a postdoctoral fellowship at the Alcohol Research Group at the University of California at Berkeley, and was on the psychology faculty at Oregon State University before coming to ADAI in 1987. As part of the career enhancement activities funded by the RSDA, Leigh has recently completed a Masters degree in Public Health with a specialization in epidemiology.

Leigh's research focuses on substance use and sexual behavior, with a particular focus on "risky" sexual behavior. In recent years, a growing body of research has demonstrated that the use of alcohol or drugs with sex is related to the occurrence of unsafe sexual activities - notably, unprotected intercourse - that place an individual at risk for pregnancy or disease transmission. Evidence for a causal relationship of substance use to risky sex is lacking; these variables may be related simply because of underlying risk-taking or sensation-seeking tendencies. Understanding the dynamics of the relationship of substance use to sexual risk-taking can contribute to research, preventive and education efforts to contain the spread of AIDS. The objectives of the research program are to further explore the relationship of substance use to sexual behavior: to move beyond simply establishing a relationship between substance use and sex to understanding the nature of the connections between drinking, drug use, and sexual activity.

Leigh's research program incorporates analyses of survey data collected by the Alcohol Research Group in Berkeley, one of the National Alcohol Research Centers funded by NIAAA. Data on alcohol use and sexual behavior are available from several different U.S. national samples, including the adult household population (aged 18 and older); adolescents aged 12-17; young adults aged 18-30; members of Black and Hispanic minority groups; and two-year followups of the adolescent and young adult samples. These data sets, including as they do detailed measurements of substance use, sexual behavior, knowledge, and attitudes, represent a rich resource with which to examine a number of issues.

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The goals of Leigh's research program are (1) to describe the interrelationships between drinking, drug use and sexual behavior in a variety of samples, including adolescents, young adults, and Black and Hispanic minority groups - that is, to determine whether a drinking-sex link exists in different populations; (2) to examine these relationships in two ways: a person-based approach, looking at general patterns of drinking behavior and sexual activity across individuals, and an event-based approach, asking about the presence or absence of alcohol in specific sexual encounters - to examine under which circumstances drinking is associated with sexuality; (3) to investigate individual differences as moderators of any relationship of drinking to sex - in whom is sexuality associated with drinking; (4) to examine the mediating and explanatory functions of several personality and situational variables that may influence risky sexual behavior, including beliefs and expectations about the effects of alcohol, normative perceptions of intoxicated behavior, and general risk-taking tendencies - to explore possible reasons why such a link may occur; and (5) to chart changes over time in the interrelationships of drinking, drug use, and sexual behavior among adolescents and young adults - to investigate when transitions into drinking and sexual activity occur.

RECENT AWARDS TO ADAI RESEARCHERS

ADAI researchers have been awarded the following grants and contracts during the past year:

Brent Baxter

Alcoholic Beverage Medical Research Foundation
"Distinguishing Characteristics of High-BAC DWI Offenders: Arrest Disposition, Non-alcohol Recidivism, and Traffic Crash Involvement"
July, 1994 - December, 1995

Washington State, Div. of Alcohol & Substance Abuse
"Treatment Outcomes" and "Methadone Maintenance Treatment Outcomes"
August, 1994 - June, 1995

Gary Cox

National Institute on Alcohol Abuse and Alcoholism
"Computer Modeling of Alcohol Services Research Data"
September, 1994 - August, 1999

Dennis Donovan

Group Health Cooperative
"Treatment of At-Risk Drinkers in Primary Care"
April, 1994 - March, 1998

National Institute on Alcohol Abuse and Alcoholism
"Matching Patients to Alcoholism Treatments: Seattle CRU"
September, 1994 - August, 1997

National Institute on Drug Abuse
"Attrition While Awaiting Drug Treatment" [Project START]
September, 1994 - August, 1999

Washington State, Div. of Alcohol & Substance Abuse
"SSI Project Evaluation"
August, 1994 - June, 1995

Washington State, Div. of Alcohol & Substance Abuse
"Substance Abuse Prevention in the Elderly"
July - October, 1994

Barbara Leigh

National Institute on Alcohol Abuse and Alcoholism
"Substance Use and Predictors of Risk Behavior"
May, 1994 - April, 1999

Jeanette Norris

National Institute on Alcohol Abuse and Alcoholism
"Alcohol and Social Influence"
August, 1994 - July, 1998

Washington State, Div. of Alcohol & Substance Abuse
"Domestic Violence Among Pregnant Substance Abusers"
January, 1994 - June, 1995

PROFESSIONAL ACTIVITIES

Dennis Donovan was one of six representatives selected by NIAAA to serve as faculty for a week-long workshop for Central and Eastern European clinicians and researchers. The workshop, entitled "Alcoholism Treatment Research Methodology Workshop," was co-sponsored by NIAAA and the Polish National Institute on Neurology and Psychiatry and held in Konstancin, Poland, September 11-16, 1994. It was attended by participants from 12 countries. In addition to serving as a facilitator for working groups, Dennis made two formal presentations entitled "Assessment and Measurement: Selection of Variables to Measure" and "Assessment and Measurement: Instruments Relevant to Alcohol Treatment Research." Dennis also completed his elected term as the Chair of the Executive and Steering Committees of Project MATCH, and edited a supplemental issue of the *Journal of Studies on Alcohol*, entitled "Alcoholism Treatment Matching Research: Methodological and Clinical Approaches." Dennis has also maintained an active role in the VAMC's Center of Excellence in Substance Abuse Treatment and Education (CESATE), a national resource for policy and program development, systems evaluation, model clinical care, and training and education for the VA system nationally. As part of this involvement, he directs a specialized interdisciplinary clinical fellowship program in substance abuse treatment.

Brent Baxter presented findings from his study of DASA Treatment Outcomes to the Research Sub-Committee of the Washington Citizen's Advisory Council on Alcoholism and Drug Addiction in May, 1995.

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**RECENT PUBLICATIONS ON SUBSTANCE ABUSE BY
UNIVERSITY OF WASHINGTON RESEARCHERS**

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Alderman BW ; Bradley CM ; Greene C ; Fernbach SK ; Bar'on AE. (Epidemiology) Increased risk of craniosynostosis with maternal cigarette smoking during pregnancy. *Teratology* 50(1):13-8, 1994.

Baer JS. (Psychology) Effects of college residence on perceived norms for alcohol consumption: An examination of the first year in college. *Psychology of Addictive Behaviors* 8(1):43-50, 1994.

Bradley KA. (Medicine) The primary care practitioner's role in the prevention and management of alcohol problems. *Alcohol Health and Research World* 18(2):97-104, 1994.

Bradley KA ; Larson EB (Medicine) Training physicians to help patients who drink too much. *Journal of General Internal Medicine* 9:296-298, 1994.

Bauer LA ; O'Sullivan T ; Reiss WG ; Horn JR ; Opheim K ; Strandness DE ; Carithers RL. (Pharmacy) Liver blood flow, antipyrine clearance, and antipyrine metabolite formation clearance in patients with chronic active hepatitis and alcoholic cirrhosis. *British Journal of Clinical Pharmacology* 37(4):375-81, 1994.

Brown L ; Cox GB ; Jones WE ; Semke J ; Allen DG ; Gilchrist LD ; Sutphen-Mroz J (Social Work) Effects of mental health reform on client characteristics, continuity of care and community tenure. *Evaluation and Program Planning* 17(1):63-72, 1994.

Britt J ; Curry SJ ; McBride C ; Grothaus L ; Louie D. (Health Services) Implementation and acceptance of outreach telephone counseling for smoking cessation with nonvolunteer smokers. *Health Education Quarterly* 21(1):55-68, 1994.

Carmichael-Olson HC ; Streissguth AP ; Bookstein FL ; Barr HM ; Sampson PD. (Psychiatry & Behavioral Sciences) Developmental research in behavioral teratology: Effects of prenatal alcohol exposure on child development. In : Friedman SL ; Haywood HC (eds). *Developmental Follow-Up : Concepts, Domains and Methods*. Orlando : Academic Press, 1994, pp 67-112.

Carroll KM ; Kadden RM ; Donovan DM ; Zweben A ; Rounsaville BJ (Alcohol & Drug Abuse Institute) Implementing treatment and protecting the validity of the independent variable in treatment matching studies. *Journal of Studies on Alcohol*, Suppl. 12:149-155, 1994.

Comtois KA ; Ries R ; Armstrong HE. (Medicine) Case manager ratings of the clinical status of dually diagnosed outpatients. *Hospital and Community Psychiatry* 45(6):568-73, 1994.

Cowley DS ; Roy-Byrne PP ; Radant A ; Hommer DW ; Greenblatt DJ ; Vitaliano PP ; Godon C. (Psychiatry & Behavioral Sciences) Eye movement effects of diazepam in sons of alcoholic fathers and male control subjects. *Alcoholism: Clinical and Experimental Research* 18(2):324-32, 1994.

Cox GB ; Meijer L ; Carr D ; Freng SA. (Alcohol & Drug Abuse Institute) Systems Alliance and Support (SAS): A program of intensive case management for chronic public inebriates: Seattle. Special Issue: Treatment of the chemically dependent homeless: Theory and implementation in fourteen American projects. *Alcoholism Treatment Quarterly* 10(34):125-138, 1993.

Curry SJ ; McBride CM. (Health Services) Relapse prevention for smoking cessation: Review and evaluation of concepts and interventions. *Annual Review of Public Health* 15:345-66, 1994.

Decker KP ; Ries RK. (Psychiatry & Behavioral Sciences) Differential diagnosis and psychopharmacology of dual disorders. *Psychiatric Clinics of North America* 16(4):703-18, 1994.

Donovan DM ; Kadden RM ; DiClemente CC ; Carroll KM ; Longabaugh R ; Zweben A ; Rychtarik R. (Alcohol & Drug Abuse Institute) Issues in the selection and development of therapies in alcoholism treatment matching research. *Journal of Studies on Alcohol*, Suppl. 12:138-148, 1994.

Donovan DM ; Mattson NE. [Special Editors] (Alcohol & Drug Abuse Institute) Alcoholism Treatment Matching Research: Methodological and Clinical Approaches. *Journal of Studies on Alcohol*, Suppl. 12:168, 1994.

Donovan DM ; Mattson NE. (Alcohol & Drug Abuse Institute) Alcoholism treatment matching research: Methodological and clinical issues. *Journal of Studies on Alcohol*, Suppl. 12:5-14, 1994.

Donovan DM ; **Rosengren D.** (Alcohol & Drug Abuse Institute). Effectiveness of alcohol treatment and treatment matching: How DUI treatment may be improved by insights from the alcohol treatment field. In: Automobile Club of Southern California. *Drinking and Driving Prevention Symposium (Proceedings)*, November 15-17, 1992, Ontario, CA, 1993, pp. 129-145.

Fox SH ; Koepsell TD ; Daling JR. (Epidemiology) Birth weight and smoking during pregnancy--effect modification by maternal age. *American Journal of Epidemiology* 139(10):1008-15, 1994.

Fromme K ; Marlatt GA ; Baer JS ; Kivlahan DR. (Psychology) The Alcohol Skills Training Program: A group intervention for young adult drinkers. *Journal of Substance Abuse Treatment* 11(2):143-54, 1994.

Gentilello LM ; Duggan P. (Surgery) Family intervention with the alcoholic after major injury in the trauma center setting. In: O'Farrell TJ (ed.) *Treating Alcohol Problems: Marital and Family Interventions*. New York : Guilford Press, 1993, pp. 381-402.

Gilchrist LD. (Social Work) Current knowledge in prevention of alcohol and other drug abuse. In: Network of Colleges and Universities Committed to the Elimination of Drug and Alcohol Abuse . *Research and Intervention: Preventing Substance Abuse in Higher Education*, 1994, pp. 25-44.

Grant T ; Brown Z ; Callahan C ; Barr H ; Streissguth AP. (Psychiatry & Behavioral Sciences) Cocaine exposure during pregnancy: Improving assessment with radioimmunoassay of maternal hair. *Obstetrics and Gynecology* 83(4):524-31, 1994.

Hawkins JD ; Fitzgibbon JJ (Social Work) Risk factors and risk behaviors in prevention of adolescent substance abuse. In: Schydlower M; Rogers P (eds.) *Adolescent Substance Abuse and Addictions*. Philadelphia: Hanley & Belfus, 1993. [also *Adolescent Medicine: State of the Art Reviews* 4(2):249-62, 1993]

Hedberg K ; Vaughan TL ; White E ; Davis S ; Thomas DB. (Epidemiology) Alcoholism and cancer of the larynx: A case-control study in western Washington (United States). *Cancer: Causes and Control* 5(1):3-8, 1994.

Holt VL ; Daling JR ; McKnight B ; Moore DE ; Stergachis A ; Weiss NS. (Fred Hutchinson) Cigarette smoking and functional ovarian cysts. *American Journal of Epidemiology* 139(8):781-6, 1994.

Howard MO. (Veterans Affairs Medical Center) Assessing the comparative cost effectiveness of alcoholism treatments: A comment on Holder, Longabaugh, Miller and Rubonis. *Journal of Studies on Alcohol* 54(6):667-75, 1993.

Kopera-Frye K ; Tswelaldin P ; Streissguth AP ; LaDue RA. (Psychiatry & Behavioral Sciences) Preventing FAS by empowering Native American chemical dependency counselors. *IHS Primary Care Provider* 19(4):66-99, 1994.

James WH ; Hastings JF. (Educational Psychology) Cross-cultural counseling: A systematic approach to understanding the issues. *International Journal for the Advancement of Counseling* 16:319-332, 1993.

James WH ; Hutchison B ; Moore DD ; Smith AJ. (Educational Psychology) Predictors of driving while intoxicated (DWI) among American Indians in the Northwest. *Journal of Drug Education* 23(4):317-24, 1993.

James WH ; Moore DD. (Educational Psychology) The Adolescent Substance Battery: Clinical diagnoses and student assistance program-case management for adolescents using drugs. *Journal of Adolescent Substance Abuse* 3(2):45-57, 1994.

Leigh BC ; Aramburu B. (Alcohol & Drug Abuse Institute) Responsibility attributions for drunken behavior: The role of expectancy violation. *Journal of Applied Social Psychology* 24(2):115-135, 1994.

Leigh BC ; Temple MT ; Trocki KF. (Alcohol & Drug Abuse Institute) The relationship of alcohol use to sexual activity in a U.S. national sample. *Social Science and Medicine* 39(11):1527-1535, 1994.

Linehan MM. (Psychology) Dialectical behavior therapy for treatment of borderline personality disorder: Implications for the treatment of substance abuse. In: Onken LS; Blaine JD; Boren JJ (eds.) *Behavioral Treatments for Drug Abuse and Dependence*. NIDA Research Monograph 137:201-216, 1993.

Logan BK ; Gullberg RG ; Elenbaas JK. (Washington State Toxicology Lab) Isopropanol interference with breath alcohol analysis: A case report. *Journal of Forensic Science* 39(4):1107-11, 1994.

Marlatt GA ; Barrett K. (Psychology) Relapse prevention. In: Galanter M; Kleber HD (eds.) *The American Psychiatric Press Textbook of Substance Abuse Treatment*. Washington DC : American Psychiatric Press, 1994, pp. 285-299.

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Nilssen O ; Ries RK ; Rivara FP ; Gurney JG ; Jurkovich GJ. (Psychiatry & Behavioral Sciences) The CAGE questionnaire and the Short Michigan Alcohol Screening Test in trauma patients: Comparison of their correlations with biological alcohol markers. *Journal of Trauma* 36(6):784-788, 1994.

Omenn GS ; Goodman G ; Thornquist M et al. (Public Health) The betacarotene and retinol efficacy trial (CARET) for chemoprevention of lung cancer in high risk populations: Smokers and asbestos-exposed workers. *Cancer Research* 54(7 Suppl):2038s-2043s, 1994.

Patrick DL ; Cheadle A ; Thompson DC ; Diehr P ; Koepsell T ; Kinne S. (Health Services) The validity of self-reported smoking: A review and meta-analysis. *American Journal of Public Health* 84(7):1086-93, 1994.

Plotnick RD. (Public Affairs) Applying benefit-cost analysis to substance use prevention programs. *International Journal of the Addictions* 29(3):339-59, 1994.

Ries R ; Mullen M ; **Cox GB**. (Psychiatry & Behavioral Sciences) Symptom severity and utilization of treatment resources among dually diagnosed inpatients. *Hospital and Community Psychiatry* 45(6):562-568, 1994.

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Stall R ; **Leigh BC.** (Alcohol & Drug Abuse Institute) Understanding the relationship between drug or alcohol use and high risk sexual activity for HIV transmission: Where do we go from here? [editorial] *Addiction* 89(2):131-134, 1994.

Steiner S ; Lemke AL ; Roffman RA. (Social Work) Risk behavior for HIV transmission among gay men surveyed in Seattle bars. *Public Health Reports* 109(4):563-566, 1994.

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Gary Cox presented "*Who Gets Better? Individual Patterns of Improvement in a Case Management Intervention for Chronic Public Inebriates*" at the annual meeting of the American Evaluation Association in Boston, November 1994, and "*Outcome of a Controlled Trial of the Effectiveness of Intensive Case Management for Chronic Public Inebriates*" at the annual meeting of the American Psychological Association in Los Angeles, August 1994.

Gary also served as an evaluation consultant on a CMHS/CSAT Homeless Demonstration Project Site Visit to the Bonita House, Inc. project in Berkeley, April 1995, and as the Local Arrangements Chair and Program Chair for the Quantitative Topical Interest Group for the American Evaluation Society in Vancouver, B.C., November 1995.

Most recently, Gary served on a special review committee for NIAAA National Alcohol Research Center applications in May 1995.

Michael Gorman presented "*Cultural Diversity and the Utility of Harm Reduction Approach for Gay and Lesbian Substance Abusers*" at the First National Harm Reduction Conference, January 1995, Seattle.

Mike presented "*An Overview of Drug and Alcohol Research and Treatment Priorities with Respect to HIV*" and "*Considerations with Respect to the Doubly and Triply Diagnosed Client and HIV*" and "*Harm Reduction as a New Paradigm for Drug and Alcohol Prevention and Treatment.*" at the Seventh National AIDS Update, February 1995, San Francisco, where he also served as policy co-chair. He has also presented "*Worshipping at the Crystal Cathedral: Evidence for Methamphetamine Use as a Primary Drug of Choice Among MSMs Who Are IDUs.*" to the CDC Division of STD/HIV Prevention, March 1995 in Atlanta.

He is a Technical Reviewer for NIDA's Community Research Branch and has joined the editorial board for the *Journal of Gay and Lesbian Social Services*.

Barbara Leigh served as a reviewer for NIAAA's Small Business Innovation Contract Review Committee, and from July through September 1994 was a Visiting Scientist at the National Institute for Alcohol and Drug Research in Oslo, Norway.

Barbara earned her M.P.H. from the UW School of Public Health in March 1995. Her thesis was titled "Daily Diaries of Alcohol Use and Sexual Behavior: Data Collection Methods, Missing Data, and Reliability of Responses."

Jeanette Norris became Project Director for an NIMH-funded study in the School of Social Work on "*Response to Sexual Aggression in Dating and Courtship.*" She also served as an ad hoc reviewer in a special IRG for NIAAA in September 1994.

David Rosengren is the editor of the "*Newsletter for Motivational Interviewing,*" a new publication. Dave is currently the Project Manager for "Project START" funded by NIDA.

Nancy Sutherland was re-appointed to the NIAAA-CSAP Alcohol and Other Drug Abuse Thesaurus Advisory Committee. The committee met in Washington, DC in February, 1995. □

PUBLICATIONS LIST EXPLAINED

Each issue of *ADAI News* contains a list of recent publications by UW researchers on alcohol and drug abuse. Since the list cannot include every possible relevant substance abuse article, it may help to explain how the list is compiled.

Using databases such as Medline, PsychInfo, and the ADAI Library database, Library Director Nancy Sutherland searches for entries from UW authors that are indexed with the keywords related to substance abuse in each database. Additional entries are gathered from articles contributed to the library by Research Affiliates, Small Grant recipients, and others who publish articles, books or reports. Not included are newsletter articles, abstracts, or papers in press. A cut-off date is decided for each issue of the newsletter; articles added to the database after the cut-off date will be included in the next publications list.

While the broad scope of substance abuse research at the UW is impressive, it also adds to the difficulty of identifying relevant publications if they are not indexed with substance abuse keywords. This is especially a problem in the basic sciences literature. For those areas, it's helpful when researchers send copies of their articles to the library for inclusion in the ADAI database. From there, they can be included in the publications lists printed with each newsletter issue. □

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