RIA: It’s All About Research

The Research and the Researchers ............................................. 2

Taking It Happen ................................................................... 7
* RIA Operations
* RIA Staff

The Cutting Edge ....................................................................... 8
* New Grants
* New Results

Moving Forward ....................................................................... 11
* Postdoctoral Fellows
* Staff Training and Professional Development
* Seminars: Spring and Fall

Going Strong ........................................................................... 13
* The CRC
* Consultations in the Community
* Newsletters
* Press Releases
* Website
* Professional Presentations
* Scientific Publications

Director’s Summary ................................................................. 20

Gerard J. Connors, Director
Kimberly S. Walitzer, Deputy Director
Kathleen M. Weaver, Editor/Writer
Rob Marczynski, Graphic Designer
Bill Wippert, Photographer

1970-2004
Thirty-four years of groundbreaking addictions research.

Mission
The mission of today’s RIA is to contribute to the following broad areas of addictions research:

* etiology, prevention, and treatment;
* social, psychological, and neurophysiological aspects;
* health and medical aspects.
The Research and the Researchers

Forty-three research projects were conducted at RIA during 2003-2004, each led by investigators at the top of their fields. Below is an alphabetical listing of those projects funded by the National Institutes of Health. The names and faces of the principal investigators are located in the sidebars.

National Institute on Alcohol Abuse and Alcoholism (NIAAA) Awards

**AA Participation, Spirituality, and Alcohol Outcome**
- Principal Investigator: Gerard J. Connors, Ph.D.
- Co-investigator: Kimberly S. Walitzer, Ph.D.

**A Harm Reduction Approach for Reducing DWI Recidivism**
- Principal Investigator: Thomas H. Nochajski, Ph.D., UB School of Social Work
- Co-investigator: Paul R. Stasiewicz, Ph.D.

**Alcohol and the Activation of Aggressive Thoughts**
- Principal Investigator: Brian M. Quigley, Ph.D.

**Alcohol and Early Marriage: Spouse and Peer Influence**
- Principal Investigator: Kenneth E. Leonard, Ph.D.

**Alcohol and Women’s Responses to Sexual Aggression**
- Principal Investigator: Maria Testa, Ph.D.
- Co-investigator: Jennifer Livingston, Ph.D.

**Alcohol, HIV Risk Behaviors & Sexual Victimization** (also supported by NIH’s ORWH)
- Principal Investigator: Maria Testa, Ph.D.

**NEW! College Women: The Alcohol and Victimization Link**
- Principal Investigator: Kathleen A. Parks, Ph.D.
- Co-investigators: Clara M. Bradizza, Ph.D. & William Fals-Stewart, Ph.D.

**Contextual Control of Craving for Alcohol**
- Principal Investigator: Paul R. Stasiewicz, Ph.D.

**Dopamine Function After Prenatal Ethanol Exposure**
- Principal Investigator: Roh-Yu Shen, Ph.D.

**Emotion and Craving in Alcoholics with Comorbid PTSD**
- Principal Investigator: Scott Coffey, Ph.D., UB Department of Psychiatry
- Co-investigator: Paul R. Stasiewicz, Ph.D.
  This study is a collaboration across University at Buffalo departments.

**Facilitating Involvement in AA During Outpatient Treatment**
- Principal Investigator: Kimberly S. Walitzer, Ph.D.
- Co-investigators: Gerard J. Connors, Ph.D. & Kurt H. Dermen, Ph.D.
The Research and the Researchers

40 oz. Views: Alcohol Expectancies for Malt Liquor
Principal Investigator: R. Lorraine Collins, Ph.D.
Co-investigator: Clara M. Bradizza, Ph.D.

Parenting and Infant Development in Alcoholic Families
Principal Investigator: Kenneth E. Leonard, Ph.D.
Co-investigator: Rina Das Eiden, Ph.D.

Parent Training and Couple Therapy in Alcohol Treatment
Principal Investigator: Francis D. Fincham, Ph.D., UB Department of Psychology
Co-investigator: William Fals-Stewart, Ph.D.
This study is a collaboration across University at Buffalo departments.

NEW! Partner Violence Intervention for Alcohol Clinic Clients
Principal Investigator: Julie S. Schumacher, Ph.D.
Co-Investigator: Scott F. Coffey, Ph.D., UB Department of Psychiatry

NEW! Preventing Alcohol-related STD/HIV and Assault
Principal Investigator: Maria Testa, Ph.D.
Co-investigators: Jennifer A. Livingston, Ph.D. & Kurt H. Deren, Ph.D.

Preventing HIV and Sexual Assault: The Role of Alcohol
Principal Investigator: Maria Testa, Ph.D.

Relapse Among Severely Mentally Ill Alcohol Abusers
Principal Investigator: Clara M. Bradizza, Ph.D.
Co-investigators: Gerard J. Connors, Ph.D. & Paul R. Stasiewicz, Ph.D.

Research Training on Alcohol Etiology and Treatment
Principal Investigator: Gerard J. Connors, Ph.D.
Co-investigator: R. Lorraine Collins, Ph.D.

Restrain & Attributions: Risk Factors in Alcohol Abuse
Principal Investigator: R. Lorraine Collins, Ph.D.
Co-investigators: Kurt H. Deren, Ph.D. & Tenko Raykov, Ph.D.

Treatment Settings for Alcoholics: A Field Extension
Principal Investigator: Robert G. Rychtarik, Ph.D.
Co-investigators: Gerard J. Connors, Ph.D., Neil B. McGillicuddy, Ph.D., and Robert Whitney, M.D., UB Department of Family Medicine and Erie County Medical Center

NEW! Women Bar Drinkers: Exploring Risks for HIV
Principal Investigator: Kathleen A. Parks, Ph.D.
Co-investigators: R. Lorraine Collins, Ph.D. & Amy M. Buddie, Ph.D., Kennesaw State University

Workplace Substance Use: A National Prevalence Study
Principal Investigator: Michael R. Frone, Ph.D.
Co-investigator: John W. Welte, Ph.D.

Subcontracts Based on NIAAA Awards
Adolescent Alcohol Use and High Risk Sexual Behavior
Principal Investigator: M. Lynne Cooper, Ph.D., University of Missouri-Columbia
Principal Investigator: Kurt H. Deren, Ph.D., RIA’s subcontract for data collection

Vulnerability Factors and Adolescent Drinking
Principal Investigator: Michael Windle, Ph.D., University of Alabama at Birmingham
Principal Investigator: Gerard J. Connors, Ph.D., RIA’s subcontract for data collection
The Research and the Researchers

National Institute on Drug Abuse (NIDA) Awards

Behavioral Couples Therapy for Drug Abuse: A Group Therapy Approach
Principal Investigator: William Fals-Stewart, Ph.D.
Co-investigator: Kathleen A. Parks, Ph.D.

NEW! Behavioral Couples Therapy for Drug Abuse: A U.S.-Netherlands Bi-National Collaboration
Principal Investigator in U.S.: William Fals-Stewart, Ph.D.
Principal Investigator in Netherlands: Paul Emmelkamp, Ph.D.

Behavioral Couples Therapy in Drug Abuse Treatment
Principal Investigator: William Fals-Stewart, Ph.D.

Brief Couples Therapy in Drug Abuse Treatment
Principal Investigator: William Fals-Stewart, Ph.D.

NEW! College Sports, Gender, and Substance Use
Principal Investigator: Kathleen E. Miller, Ph.D.
Co-investigator: Grace M. Barnes, Ph.D.
Collaborating Investigators: Michael Farrell, Ph.D., UB Department of Sociology; Donald Sabo, Ph.D., D’Youville College; & Merrill Melnick, SUNY Brockport

NEW! Drug Abuse and Impulsivity: Tests of Animal Models
Principal Investigator: Jerry Richards, Ph.D.
Co-investigator: Harriet de Wit, Ph.D., University of Chicago
Transferred from UB Department of Pediatrics

Maternal Substance Use and Toddler Self-regulation
Principal Investigator: Rina Das Eiden, Ph.D.
Co-investigators: Pamela Schuetze, Ph.D., Buffalo State College, The State University of New York; Claire Coles, Ph.D., Emory University; & Phillip Zeskind, Ph.D., Carolinas Medical Center

NEW! Parent Training and Couples Therapy for Drug Abuse
Principal Investigator: William Fals-Stewart, Ph.D.
Co-investigators: RIA’s Neil B. McGillicuddy, Ph.D.; Francis D. Fincham of UB Department of Psychology; Brian W. Yates of American University; and Michelle Kelley of Old Dominion University.

Skill Training for Parents of Adolescent Drug Abusers
Principal Investigator: Neil B. McGillicuddy, Ph.D.
Co-investigator: Robert G. Rychtarik, Ph.D.

Sports, Gender, and Adolescent Substance Use
Principal Investigator: Grace M. Barnes, Ph.D.
Co-investigator: Kathleen E. Miller, Ph.D.
Collaborating Investigators: Michael Farrell, Ph.D., UB Department of Sociology; Donald Sabo, Ph.D., D’Youville College; & Merrill Melnick, SUNY Brockport

Subcontracts Based on NIDA Awards

Drug Use and Problem Behaviors in Minority Youth
Principal Investigator: Judith Brook, Ph.D., New York University
Co-investigator: R. Lorraine Collins, Ph.D.

HCV Transmission: Sex, Violence, Alcohol, and Drug Use
Principal Investigator: Marcia Russell, Ph.D., Pacific Institute for Research and Evaluation
Principal Investigator: Thomas H. Nochajski, Ph.D., UB School of Social Work
Co-investigator: Maria Testa, Ph.D., RIA’s subcontract for data collection
**NEW! Practicing Self-control Lowers the Risk of Smoking Lapse**
Principal Investigator: Mark Muraven, Ph.D., University at Albany, The State University of New York
Co-investigator: R. Lorraine Collins, Ph.D.

**National Institute on Mental Health (NIMH) Awards**

**Dopamine Mechanisms and Receptors in Raphe 5-HT Neurons**
Principal Investigator: Samir Haj-Dahmane, Ph.D.

**Gambling and Substance Use Among Youth in the U.S.**
Principal Investigator: John W. Welte, Ph.D.
Co-investigator: Grace M. Barnes, Ph.D.

**Subcontract Based on NIMH Award**

**NEW! Genetic and Behavioral Dissection of Inhibitory Control**
Principal Investigator: Xiaoxi Zhuang, Ph.D., University of Chicago
Co-investigator: Jerry Richards, Ph.D.
Transferred from UB Department of Pediatrics

**NIH Director’s Office of Research on Women’s Health Award (also supported by NIH’s NIAAA)**

**Alcohol, HIV Risk Behaviors & Sexual Victimization**
Principal Investigator: Maria Testa, Ph.D.

**Agency for Healthcare Research and Quality (AHRQ) Award to UB School of Nursing**

**Factors Associated with R.N. Decisions to Work**
Principal Investigator: Carol S. Brewer, Ph.D., UB School of Nursing
Co-investigator: Michael R. Frone, Ph.D.
Co-investigator: Kristine Kovner, Ph.D., New York University
This study is a collaboration across University at Buffalo departments.

**National Institute of Child Health and Human Development (NICHD) Award to Buffalo State College**

**Pre and Postnatal Cigarette Exposure and Infant Regulation**
Principal Investigator: Pamela Schuetze, Ph.D., Buffalo State College, The State University of New York
Co-investigator: Rina Das Eiden, Ph.D.
The Research and the Researchers

Colleagues with whom RIA investigators are collaborating on funded research:

Gary R. Birchler  
*University of San Diego*

Carol S. Brewer  
*UB School of Nursing*

Judith S. Brook  
*New York University*

Amy M. Buddie  
*Kennesaw State University*

Scott F. Coffey  
*UB Dept. of Psychiatry*

Claire Coles  
*Emory University*

M. Lynne Cooper  
*University of Missouri-Columbia*

Harriet de Wit  
*University of Chicago*

Paul Emmelkamp  
*UB Department of Sociology*

Michael Farrell  
*UB Department of Sociology*

Francis D. Fincham  
*UB Department of Psychology*

Michelle Kelley  
*Old Dominion University*

Kristine Kovner  
*New York University School of Nursing*

Merrill Melnick  
*SUNY Brockport*

Mark Muraven  
*University at Albany*

Thomas H. Nochajski  
*UB Department of Social Work*

Timothy J. O’Farrell  
*Harvard Medical School*

Marcia Russell  
*Pacific Institute for Research and Evaluation*

Donald Sabo  
*D’Youville College*

Pamela Schuetze  
*SUNY College at Buffalo*

Robert Whitney  
*UB Department of Family Medicine and Erie County Medical Center*

Michael Windle  
*University of Alabama, Birmingham*

Brian W. Yates  
*American University*

Phillip Zeskind  
*Carolina Medical Center*

Xiaoxi Zhuang  
*University of Chicago*
Making It Happen

* RIA Operations

People make the research happen at RIA. Scientists write grants and when an award is received, support staff step up to assist them behind the scenes. Kick-off meetings are held. Human Resources advertises for and helps identify potential research staff, who are then hired and trained. Subjects are recruited, interviewed, observed. Data are collected and analyzed. Results are determined and published.

Grant and Contracts works with scientists to meet funders’ requirements. The Business Office opens banks accounts, purchases supplies, and manages grants. CSD staff coordinate computer and other electronic needs. Library staff provide information and interlibrary loans. Communications works with public/media/website issues. Graphics designs posters and slide presentations. Engineers and maintenance staff keep the physical plant running. Secretaries and clerical employees get the grant applications on paper, to the grantor on time, and support the efforts of all the scientific and administrative staff in ways too numerous to mention.

It takes such staff to make the research happen. In addition to the principal investigators, associate research scientists, postdoctoral fellows and other staff outlined above, there are project managers and interviewers, counselors and therapists, laboratory staff, medical staff and others contributing to RIA’s success.

In-house operations staff support the scientists every day by performing administrative, business, clerical, clinical, communications, computer, graphic design, grants and contracts, human resources, and library services.

New York State Employees

Andrzejewski, Michele
Aufraghty, Patricia
Augustino, Diane
Barnes, Grace
Bilotta, Nicholas
Bradizza, Clara
Brennan, Gerald
Burns, Dennis
Collins, R. Lorraine
Connors, Gerard
Cotonalli, Darlene
Dermen, Kurt
Dintzloff, Barbara
Duquette, William
Eiden, Rina
Fals-Stewart, William
Franz, Michael
Gentry, Mark
Giordano, Donald
Gonzalez, Samuel
Jagodzinski, Larry
Kalisz, Susan
Krygier, James
Leonard, Kenneth
Leong, Florence
McLaughlin, Iris
Richards, Jerry
Richards, Paula
Riollano, Eugenia
Roth, Barbara
Rusek, Mark
Rychtarik, Robert
Shen, Roh-Yu
Sztaszewicz, Paul
Sterlace, Dorothy
Tosta, Maria
Wagner, Raymond
Waltizer, Kimberly
Walters, Richard
Welte, John

Research Foundation Employees

Adams, Jennifer
Anson, Eric
Arts, Beverly
Barkley, Elizabath
Barrick, Christopher
Baschaw, Heather
Bauer, Brian
Bauerlein, Kimberly
Belleville, Gina
Birke, Cynthia
Birke, Margaret
Bessler-Kogut, Bethanne
Byrne, Cindy
Bystran, Andrea
Callahan, Judith
Casey, Shannon
Chapman-Johnson, Kaye
Chevez, Felipa
Chiaravalle, Tara
Chilungu, Elizabeth
Choiniski, William
Choong, Kar-Chan
Cintron, Lori
Ciszek, Edward
Couture, Paul
Craff, Stacy
Crummet, Robert
Dearing, Ronda
Denz, Arthur
Diamond, William
Dickman, Dennis
Dillman, Thomas
Duerr, Mark
Duquette, Joan
Edwards, Christopher
Edwards, Ellen
Eliseo, Rebecca
Esposito, Angela
Evans, Deborah
Fergus, Tawania
Finn, Jean
Giacobbe, Andrea
Gmeinder, Loretta
Gogas, George
Gordy, Constance
Gormon, Christie
Greene, Brian
Graham, Kerry
Haj-Dahmone, Samir
Haller, Barbara
Hayes, Sally
Hazard, Alexis

Heigl, Kelli
Heqenbourgh, Amy
Hoebel, Cassandra
Hoetler, Kellie
Hoffman, Joseph
Horn, Amanda
Hughes, Pamela
Jones, Avery
Karovsky, Brian
Kearns, Jill
Kennedy, Cheryl
Keough, Dawn
King, Linda
Klestermann, Keith
Kopp, Linda
Koszoruz, Karin
Koutsy, James
Kubiak, Audrey
Larkin, Kimberly
Lawrence, Sara
Leach, Patricia
Livingston, Jennifer
Logsdon, Eileen
Logsdon, Timothy
Lucigen, Dorothy
Maich, Dawn
Malchow, Lara
Marczynski, Robert
Marx, Carol
Marx, Colleen
Matias, Sol
Makuliffe, Shannon
McGillcuddy, Neil
McKee, Kristen
Miller, Kathleen
Monin, Mary
Morgante, Bonita
Morrissey, Sean
Mudar, Pamela
Nobojasky, Thomas
Nottingham, Carol
Novello Smith, Pamela
Nowak, Jeanne
Orange, Toni
Paas, Nicole
Palowski, Michael
Pardi, Ann
Parks, Marsh, Kathleen
Pawlak, Julianne
Pengelly, Carrie

Peterson, Melissa
Post, Margalit
Powell, Lisa
Propis, Patricia
Quigley, Brian
Raykov, Tenko
Reinhardt, Paul
Ritzman, Linda
Rotterman, Jane
Rusn, Janet
Russ, Robert
Sacilowski, Michael
Sadlej, Susan
Sawusch, Ann
Schumacher-Coffey, Julie
Shcherbakova, Darya
Sims, MaryAnn
Skibicki, Kathleen
Smith, Jennifer
Smith, Tiffany
Spikes, Shanda
Stappennbeck, Cynthia
Stevens, Arriane
Thompson, Alexis
Tidwell, Marie
Tomsic, Susan
VanZile-Tamsen, Carol
Veira, Yvette
Vendetti, Kendra
Venkataraman, Mira
Vetter, Charlene
Vincent, Paula
Wang, Jue
Warheling, Cynthia
Weaver, Kathleen
Weissbeck, Nancy
Welborn, Jason
West, Erica
Wilson, Sandy
Wojtowicz, Mary
Young, Elizabeth
* New Grants

This fiscal year, RIA scientists received funding for ten new projects. Those projects and a brief description of each is provided below.

**Behavioral Couples Therapy for Drug Abuse: A U.S.-Netherlands Bi-National Collaboration**

RIA’s William Fals-Stewart and Paul Emmelkamp of the Jellinek Clinic, Amsterdam.

This cross-cultural test of behavioral couples therapy with cocaine-using patients is a collaboration funded for two years by matching funds of $194,000 from NIDA and ZonMw, the institute for research on alcoholism and drug abuse in The Netherlands.

**College Sports, Gender, and Substance Use**

RIA’s Kathleen E. Miller and Grace M. Barnes, and Michael Farrell of UB’s Department of Sociology; Donald Sabo, D’Youville College; & Merrill Melnick, SUNY Brockport.

The award of $471,000 to RIA’s Kathleen E. Miller, Ph.D. from NIDA extends previous research by a collaborative working group into relationships between high school sports participation and substance use and other high-risk behaviors. Over the next three years they will develop measures of athletic involvement to examine links between sports, gender, and substance use in college students.

**College Women: The Alcohol and Victimization Link**

RIA’s Kathleen A. Parks, Clara M. Bradizza, and William Fals-Stewart.

This study is assessing the relationships among psychological and physical health, stress, sexual activity, victimization history, and substance use with female freshmen over four years of college. The NIAAA award of $1,844,750 will support this research through 2008.

**Drug Abuse and Impulsivity: Tests of Animal Models**

RIA’s Jerry B. Richards and the University of Chicago’s Harriet de Wit.

This series of studies is designed to advance understanding of impulsive behavior and its relation to drug abuse. The project is being conducted in parallel to another project using humans at the University of Chicago. The results of the preclinical and clinical studies will be compared to examine concordance between species in the behavioral processes, and to assess the validity of the animal models to human behavior. This NIDA award was transferred to RIA from UB’s Department of Pediatrics.

**Genetic and Behavioral Dissection of Inhibitory Control**

Award made to University of Chicago’s Xiaoxi Zhuang, subaward to RIA’s Jerry B. Richards.

This NIMH award to the University of Chicago is investigating the biochemical changes underlying impaired inhibitory control in DAT knockdown (reduced transporter expression) mice. Researchers will also test the hypothesis that impaired postsynaptic D2 receptor function underlies impaired inhibitory control using a pharmacological rescue approach. Lastly, they will test that impaired D2 receptor function underlies impaired inhibitory control using mice that lack or have reduced postsynaptic D2 receptors. The study will run until 2008.

**Parent Training and Couples Therapy in Drug Abuse**

RIA’s William Fals-Stewart and Neil B. McGillicuddy, Francis D. Fincham of UB’s Department of Psychology, Brian W. Yates of American University, and Michelle Kelley of Old Dominion University.

This five-year, $2,858,139 award from NIDA is supporting a randomized clinical trial to examine the clinical effects of a new, hybrid treatment (parent training and couples therapy). Married or co-habiting substance-abusing fathers entering outpatient treatment and nonsubstance-abusing mothers living with or parenting one or more preadolescent children are participating.
**The Cutting Edge**

**Partner Violence Intervention for Alcohol Clinic Clients**
RIA’s Julie S. Schumacher and Scott F. Coffey of UB’s Department of Psychiatry.

This NIAAA-funded development grant award launched Dr. Schumacher’s career from postdoctoral fellow to principal investigator. The study will develop and pilot test an intervention for partner violence for use in alcohol treatment settings. In June 2004, Drs. Schumacher and Coffey and this study moved to the University of Mississippi’s Medical Center in Jackson.

**Practicing Self-control Lowers the Risk of Smoking Lapse**
Award made to University at Albany’s Mark Muraven and RIA’s R. Lorraine Collins.

This award to the University at Albany considers the role of self-control in smoking cessation and whether interventions that improve self-control can help reduce the risk of lapsing among smokers who wish to quit. Funding from NIDA will see this project through the next five years.

**Preventing Alcohol-related STD/HIV and Assault**
Maria Testa, Jennifer Livingston, and Kurt H. Dermen.

This randomized clinical trial is examining the effectiveness of a parent-based intervention designed to reduce binge drinking and negative sexual outcomes among women entering college. The award of $1,962,500 from NIAA runs from 2003 through 2008.

**Women Bar Drinkers: Exploring Risks for HIV**
RIA’s Kathleen A. Parks and R. Lorraine Collins, and Amy M. Buddie of the Psychology Department of Kennesaw State University.

This $1,256,000 award from NIAAA supports an investigation of the role of alcohol in increased risk for heterosexual HIV transmission among women between the ages of 18-30 who are sexually active and drink in bars at least weekly. The study runs from 2003 through 2007.

* New Results
Research findings published this year were numerous and covered a wide range of subjects investigated at RIA. They included:

**Pathological gambling**
Findings in a study led by John W. Welte show that casino gambling is associated with a high risk of gambling pathology. Lottery, cards, and bingo were associated with a moderately high risk of gambling pathology, regardless of the frequency of gambling, or the size of the win or loss. People who abuse alcohol have a greater chance of being pathological or problem gamblers. Members of minority and low socioeconomic status (SES) groups have higher levels of gambling pathology than other groups. Co-investigators on the research team included Grace M. Barnes from RIA, William F. Wieczorek from Buffalo State College, and RIA Project Staff Associates Marie-Cecile O. Tidwell and John C. Parker. These research results were published in the March 2004 issue of Addictive Behaviors.

**Improving cognitive functioning in substance abuse treatment**
“Brain exercises,” originally developed for the rehabilitation of head-injury patients, improved the cognitive functioning of individuals in substance-use treatment and their commitment to the treatment program, according to new research. The study included 120 patients randomly assigned to three treatment interventions. Those in the group that received computer-assisted cognitive rehabilitation plus standard treatment remained in a six-month residential treatment program for an average of 200 days. Those in a typing tutorial plus standard treatment averaged 128 days and the control group that received only standard treatment, 132 days. Thirty-eight percent of those in the cognitive-rehabilitation group graduated from treatment, compared with 18 percent in the typing group and 18 percent in the control group. RIA postdoctoral fellow and lead investigator on the study Kerry Grohman, reported the results in the Winter 2003 issue of The Journal of Cognitive Rehabilitation. Her co-investigator was William Fals-Stewart.
The Cutting Edge

**Violent bars and their clientele**
Researchers found that the age, level of alcohol dependence, and expressions of anger differentiated people who frequented violent bars from those who frequented nonviolent bars. Individuals who usually visited violent bars were more likely to be younger, to be lower on agreeableness and conscientiousness, to be more impulsive, and more likely to express their anger, to be heavier drinkers, to have alcohol dependence problems, and to be more likely to hold the belief that alcohol makes them aggressive. The relationship of these individual differences to bar type was mediated by a number of characteristics of the bar itself, including noise, temperature, the presence of bouncers, the gender of the workers, the presence of billiards, and illegal activities in the bar, according to Brian M. Quigley, lead investigator on the study. The research indicated that individuals having certain personality characteristics (i.e., heavier drinkers with high levels of anger) may choose bars with characteristics that foster or enable illegal or uninhibited behaviors such as violence. However, the characteristics of the bar itself are the strongest predictors of violence. Quigley's co-investigators included Kenneth E. Leonard and R. Lorraine Collins. The study results were published in the January 2004 issue of the Journal of Studies of Alcohol.

**Drinking, marriage, and friends**
Research showed that the husband's drinking behavior influences the circle of friends and social life of newlyweds. A study by Kenneth E. Leonard followed 519 couples in their first year of marriage and found that while men do not appear to adapt to their wives' drinking behavior, husbands' drinking influences wives' drinking. In addition, the husband's drinking influences the choice of people with whom the couple socializes. Wives appear to drop their own friends if their drinking behaviors are not consistent with their husband's drinking behavior, and are more likely to keep friends whose drinking is similar to that of their husband's. Husbands also appear to reshape their own social networks through selective dropping and retaining peers and incorporating wives' peers into their own networks. These processes, when they occur, are linked to their own drinking behavior but not to their wives' drinking. Leonard's co-author on the study was Pamela Mudar, project staff associate. Results were reported in the June 2003 issue of Psychology of Addictive Behaviors.

**ADHD and children with fetal alcohol syndrome**
Attention deficit/hyperactivity disorder (ADHD) is a prominent behavior problem in children with fetal alcohol syndrome. ADHD is thought to be caused by abnormal dopaminergic function. Using an animal model of fetal alcohol syndrome, Roh-Yu Shen and Kar-Chan Choong have confirmed the abnormalities in brain dopaminergic neurons. Specifically, they have shown that these neurons have lower levels of electrical activity that may cause reduced dopamine levels in brain areas that are critical to the attention process. They also found that Ritalin (methylphenidate), a drug that is widely used in treating ADHD, can normalize the electrical activity of dopaminergic neurons. They have concluded that this is the biological basis for the therapeutic effect of Ritalin in attention problems of children with fetal alcohol syndrome. These results were published in the February 2004 issue of the Journal of Pharmacology and Experimental Therapeutics, 309, 444-451.

**Drinking reports from collateral individuals**
Findings drawn from a review of the current literature on the reliability and accuracy of alcohol abusers' self-reports of alcohol consumption and related behaviors was compiled by Gerard J. Connors and colleague Stephen A. Maisto of Syracuse University. The conclusions were that recent research supports the assertion that subjects provide accurate reports about their drinking and associated consequences. When discrepancies have been observed between reports provided by subjects and collaterals, the subjects' data in almost all cases have painted a picture of poorer functioning. The greatest degree of agreement between subjects and collaterals is likely when collaterals are in frequent contact with the subject, are spouse/partners, and are confident about the reports they provide. This information was published in the November 2003 issue of Addiction.
* Postdoctoral Fellows*

RIA’s postdoctoral training program offers interdisciplinary research training in the etiology of alcohol use and misuse as well as treatment for alcohol use disorders. Funded by NIAAA in 2000, the program to date has included eight fellows who have pursued their independent research interests.

The seven scientists affiliated with the program during this fiscal year include: Gina M. Bellavia, Felipa T. Chavez, Ronda L. Dearing, Amy L. Hequembourg, Kerry Grohman, Brady A. Reynolds, and Julie A. Schumacher.

**Gina M. Bellavia** is publishing on the subject of balancing work and family life. She is also working with Michael R. Frone on data from a national survey of nurses that address work-family conflict among nurses and work injury among nurses. Dr. Bellavia’s most recent presentations addressed research as a career path, different conceptualizations of alcoholism, and work-related drinking as a consequence of work-family conflict.

**Felipa T. Chavez** began at RIA as a research associate seven years ago with Senior Research Scientists Rina Das Eiden and Kenneth E. Leonard and joined the postdoctoral program in 2001. This summer she accepted an assistant professorship in Clinical Psychology at the Florida Institute of Technology in Melbourne, Fla. In addition to teaching, she is continuing her research in the area of parenting, culture, and child development as well as issues of child maltreatment.

**Ronda L. Dearing** has focused on topics related to treatment outcome. They include gender and relapse; relations between client engagement, client satisfaction, and treatment outcome; DWI offenders’ follow-through with treatment referrals; beliefs about alcohol problems and alcohol treatment; and the effect of alcohol expectancies on treatment outcomes.

At this year’s annual meeting of the Research Society on Alcoholism, **Kerry Grohman** received the 2004 Enoch Gordis Research Recognition Award and a Junior Investigator’s Award. Dr. Grohman’s primary professional interests are: neurocognitive functioning, neurocognitive rehabilitation, and neurofunctional correlates of addiction.

**Amy L. Hequembourg** has been with the program less than a year and already has several manuscripts in press. She is actively researching the areas of substance use, sexual identity, and victimization. She also has been attending workshops and classes to promote professional development.

In mid-July of 2004, **Brady A. Reynolds** joined RIA as the newest member of the postdoctoral team. Formerly with the Department of Psychiatry at the University of Chicago, Ill., Dr. Reynolds’ research interests are in life-span developmental psychology, stress, and impulsive behavior.

In April 2004, **Julie A. Schumacher** became a principal investigator on an NIAAA-funded exploratory development grant to develop and pilot test an intervention for partner violence for use in alcohol treatment settings. Her co-investigators/consultants...
Moving Forward

on the treatment development study are Dr. Scott Coffey of UB’s Department of Psychiatry and Drs. Ken Leonard, William Fals-Stewart, and Paul Stasiewicz of RIA. In June, she became an assistant professor in the Department of Psychiatry and Human Behavior at the University of Mississippi Medical Center in Jackson, Miss.

Lastly, an update on Amy M. Buddie who in the summer of 2003 accepted an assistant professorship in the Psychology Department of Kennesaw State University in Georgia. Dr. Buddie continues to be involved at RIA as a Co-investigator in Dr. Kathleen A. Parks’ study, “Women bar drinkers: Exploring risks for HIV.”

* Staff Training and Professional Development

On June 17 and 18, 2004, David MacKinnon, a professor in the Department of Psychology at Arizona State University, presented a statistical workshop entitled “Introduction to Statistical Mediation Analysis” for RIA’s principal investigators and research staff. Using a combination of lecture, discussion, and real-life examples, Dr. MacKinnon provided applications of mediation analysis, examined single and multiple mediator models, and used path analysis models and contrasts among mediated effects. In addition, Dr. MacKinnon reviewed how to conduct mediation analyses in several statistical packages, including SPSS and SAS. Dr. MacKinnon is affiliated with the Prevention Intervention Research Center and the Research in Prevention Laboratory at Arizona State, where the focus is prevention and research methodology.

Throughout the year, RIA staff have participated in a range of professional training opportunities. A sampling of those include Cardiff Teleform Customizing with BasicScript for Data Coordinator Maryann Sims, Lotus Notes DevCon for Applications Developer Eric Anson, Novell Advanced Technical Training for LAN Manager Barbara Haller and Computer Services Operations Manager Paul Reinhardt, SPLUS and M ATLAB for Senior Research Scientist Tenko Raykov, Suicide Prevention and Advanced Group Crisis Intervention for Project Director Cheryl Kennedy, and Motivational Interviewing Treatment Integrity Coding for Senior Research Scientist Kurt H. Deren. In addition, Grants and Contracts Officer Susan Kalisz attended the Society of Research Administrators Annual Meeting, Computer Systems Configuration Specialist Thomas Dillman attended the 30th Annual Computer Security Conference, Deputy Director Kimberly Walitzer attended the National Human Subjects Protection Conference “From the Past to the Future: Evolving Research Issues,” Communications Director Kathleen Weaver attended the SUNY Council for University Affairs and Development Conference “The Force of Knowledge,” and RF Business Office Manager Linda Ritzman attended the 2004 Government and Universities Partners in Compliance Conference.

* Seminars: Spring & Fall

The Seminar Series draws national speakers who are experts in the research, prevention, and treatment of addictions. RIA’s seminar planning committee includes scientists from a diverse field of study who work to identify and invite presenters with outstanding credentials and expertise. All seminars are open to the public, and attendees are drawn from research, treatment, and policymaking professions.

Fall Seminar Series 2003

September 19, 2003

Grim charity: Injection drug users and needle sharing

Michael Stein, M.D.

Department of Medicine and Community Health, Brown University’s School of Medicine, Providence, Rhode Island

October 3, 2003

Vulnerability to relapse in drug addiction: Environmental and neurobiological factors

Friedbert Weiss, Ph.D.

Department of Neuropharmacology, Scripps Research Institute, La Jolla, California

November 7, 2003

Family-based treatment for adolescent substance abuse: Clinical outcomes, process findings, and transportation challenges

Howard Liddle, Ed.D.

Center for Treatment Research on Adolescent Drug Abuse, University of Miami Medical School, Florida

December 12, 2003

The effect of prenatal alcohol exposure on the activity of brain dopamine neurons

Roh-Yu Shen, Ph.D.

Research Institute on Addictions, University at Buffalo, The State University of New York

Spring Seminar Series 2004

April 16, 2004

Drugs for drug dependence: Treatment or perpetuating “addiction”?

John Grabowski, Ph.D.

Department of Psychiatry and Behavioral Science, University of Texas Health Science Center, Houston

May 7, 2004

Alcohol’s role in college students’ sexual decision-making

Antonia Abbey, Ph.D.

Departments of Community Medicine and Psychology, Wayne State University, Detroit, Michigan

May 21, 2004

An associative memory framework in health behavior

Alan Stacy, Ph.D.

Department of Preventive Medicine, Institute for Health Promotion and Disease Prevention Research, University of Southern California, Los Angeles
Going Strong

*Clinical Research Center*

The Clinical Research Center, or CRC, is RIA’s outpatient alcoholism and substance abuse clinic. The counseling and medical staff work in conjunction with researchers to provide and evaluate comprehensive treatments for alcohol, drug, and gambling related problems. Many of RIA’s clinical trials are conducted through the CRC.

*Consultations in the Community*

RIA staff offer assistance to a variety of people in the Buffalo and world community who request support with addictions-related questions and issues. A brief representative sampling of the diversity of ways we respond to requests follows.

Kurt H. Dermen, senior research scientist, provided materials on motivational interviewing with pregnant women to staff of the Erie County Medical Center and also assisted with planning of a conference on harm reduction for pregnant women.

Michael R. Frone, senior research scientist, provided materials to UB’s School of Public Health about substance use in the workforce, to Buffalo’s Kids Escaping Drugs Program about the developmental outcomes of adolescent employment, and to the Singapore Police Force about work-family balance.

Keith Klostermann, research associate, provided consultation to the Niagara University Mental Health Counseling Program about their plans to create a family support center which would offer individual, group, couples, and family counseling services.

Neil B. McGillicuddy, senior research scientist, worked with the Erie County Council for the Prevention of Alcoholism and Substance Abuse about the benefit of television advertising for transmission of messages regarding substance abuse topics.

Maria Testa, senior research scientist, provided information about ethical issues in research when investigating intimate partner violence to a University of Kentucky program, consulted about alcohol use and intimate partner violence in pregnancy with the University of Maryland’s School of Nursing staff, and shared assessment information on women’s alcohol use with the researchers at the University of Illinois at Chicago.

Gerard Connors, senior research scientist, chaired an advisory committee for the University of New Mexico’s Southwest Alcohol Research Group, which is promoting the development of alcohol-related interventions research with Native Americans, Hispanics, and the rural poor.

Cassandra Hoebbel, project director, participated in a criminal justice meeting for drug court judges.

Kathleen Weaver, communications director, received a variety of requests for assistance from middle school to graduate students studying addictions. Policymakers and average citizens requested information. A nurse in Portugal requested information about nurses and stress for a training program. A mother in Florida called for referral about her adult son’s addiction to prescription drugs.

*Newsletters*

The Institute publishes two newsletters. The RIA Report shares current activities such as notices of awards, participation in Bring Your Child To Work Day, attendance by scientists at professional conferences, as well as notices of staff appreciation. The Research in Brief outlines research studies and their published results for other scientists and the community at large. To receive paper copies or email notification of newsletters, contact the webmaster@ria.buffalo.edu.

*Press Releases*

Locally and nationwide, communities are made aware of new awards and research results at RIA through regular press releases. This year, 14 such releases communicated the number of research dollars being brought into the Western New York area; relayed cutting edge research findings to the world at large about drinking, drug use, gambling and related issues; announced the Clinical Research Center’s designation as a site for National Alcohol Screening Day; and provided information of interest to families, counseling practitioners, and policymakers. Copies of these releases are posted on the web site at http://www.ria.buffalo.edu/news/index.html.

*Website:* www.ria.buffalo.edu

RIA maintains a website at www.ria.buffalo.edu that provides information about and ways to contact our scientists as well as reports on current and previous research awards. Information about the Clinical Research Center, postdoctoral training program, links for media, employment opportunities, and links to operations staff are also available. See our home page for other questions/answers about RIA.

*Professional Presentations*

July, 2003

International Meeting of the Psychometric Society, Cagliari, Italy

Raykov, T.

Comparison of mediator effects: A correlation structure modeling approach.

August, 2003

American Psychological Association Annual Conference, Toronto, Canada


It does the job: Reasons, reactions, and beliefs about malt liquor.
A self-administered timeline follow-back measure of underage drinking.

Fals-Stewart, W.

Fals-Stewart, W.
Personality disorders and psychological functioning in dually-diagnosed outpatients.

Fals-Stewart, W., Fincham, F. D., Vendetti, K. L., Kelley, M. L., & Hoebbel, C. L.
Parent training and behavioral couples therapy in drug treatment.

Gorman, C., & Fals-Stewart, W.
Brief adherence and competence scales for BCT trials: Reliability and validity.

Grohn, K., & Fals-Stewart, W.
Neurocognitive functioning of substance users: A growth mixture model analysis.

Kelley, M. L., & Fals-Stewart, W.
Predictors of risk for children of alcoholic and drug-abusing parents.

Livingston, J. A., VanZile-Tamsen, C., Bauerlein, K., Hoebbel, C., & Testa, M.
Assessment of women’s unwanted sexual experiences: The Sexual Experiences Survey (SES) and beyond.

Quigley, B. M.
New research on social identity: In memory of James Tedeschi (organizer and chairperson of symposium).

Quigley, B. M.
Social identity motives for aggressive behavior in four countries.

Stappenbeck, C. A., & Fals-Stewart, W.
Personality characteristics of partners in male substance-abusing dyads.

Thomas, S. N., & Dermen, K. H.
Condom use predictors in college students at risk for HIV.

September, 2003
Alcohol and Drug Problems of North America Women’s Issues Conference: Women, Trauma, & Addictions, Buffalo, New York
Stappenbeck, C. A., & Fals-Stewart, W.
Couples therapy for substance-abusing women.

Family Violence Conference, San Diego, California
Chavez, F. T., & Eiden, R. D.
The power of kin: Kinship supportive networks as mediators of racial differences in child neglect cases and family functioning.

Society for Multivariate Experimental Psychology Annual Meeting, Keystone, Colorado
Raykov, T.
Estimation of maximal reliability: A covariance structure modeling approach.

The Science of Real-Time Data Capture: Self-report in Health Research, Charleston, South Carolina
Collins, R. L.
An ecological momentary assessment approach to studying alcohol consumption.

Muraven, M., Collins, R. L., Morsheimer, E. T., Shiffman, S., & Paty, J. A.
The reciprocal relationship between drinking and guilt: Studying processes over time using ecological momentary assessment.

US-Netherlands Bi-National Research Conference, Amsterdam, The Netherlands
Fals-Stewart, W., & Emmelkamp, P.
Brief couples therapy for the treatment of cocaine abuse.

October, 2003
NIDA Conference on the Neurobiology of Substance Abuse, Miami, Florida
Fals-Stewart, W.
Cognitive rehabilitation for substance abusers.

NIH’s Alcohol: A Women’s Health Issue Conference, Office of Research on Women’s Health, Washington District of Columbia
Leonard, K. E.
Alcohol and intimate partner violence.

Paul McReynolds Annual Lecture and Workshop Series, Reno, Nevada
Fals-Stewart, W.
Couples and family-based treatment approaches for substance abuse: Treatment and ethical issues.

Toward a National Research Agenda on Violence Against Women Conference, Lexington, Kentucky
Contrino, K. M., Nachojski, T. H., Wiecekorek, W. F., Nadwabbel, P. K., & Dermen, K. H.
Compliance and learning in a batterers’ intervention program.

Testa, M.
The role of substance use in physical and sexual violence toward women: A brief review and recommendations for future research.

November, 2003
Association for Advancement of Behavior Therapy Annual Convention, Boston, Massachusetts
Barrick, C., & Walitzer, K. S.
Spirituality as a mechanism of change in alcoholism treatment.

Bradizza, C. M., Stasiewicz, P. R., & Paas, N. D.
The relationship of coping styles to substance use in psychiatric symptoms among severely mentally ill and non-mentally ill substance-abusing individuals.

Buddin, A., Testa, M., & Livingston, J. A.
The effects of alcohol on men’s reactions to a sexual aggression vignette.

Dearing, R. L., Connors, G. J., & Walitzer, K. S.
Drinking patterns and alcohol-related beliefs of self-identified moderate to heavy drinkers.

Dermen, K. H., & Thomas, S. N.
Brief motivational intervention to reduce drinking and risky sex in college students: Preliminary findings.
Dermen, K. H., Koutsky, J. R., & Thomas, S. N.
Event-level analysis of female college students’ alcohol and condom use.

Jones, A. L., Mudar, P. J., & Leonard, K. E.
Racial differences in marital violence and marital quality amongst newlywed couples.

Kashdan, T. B., Collins, R. L., & Muraven, M.
An ecological momentary assessment of the emotional topography of social anxiety.

Leonard, K. E., & Schumacher, J. A.
The longitudinal association of husbands’ and wives’ marital satisfaction, verbal aggression, and physical aggression in early marriage.

Livingston, J. A., & Testa, M.
Incidents of sober and alcohol-involved sexual assault: A within-subjects comparison.

Schumacher, J. A., & Coffey, S. F.
Antisocial personality disorder and aggressive behavior in cocaine-dependent individuals: Relation to a laboratory measure of impulsivity.

Smith-Hoerter, K. E., Stasiewicz, P. R., & Bradizza, C. M.
An examination of state ego depletion during a cue reactivity trial.

Stasiewicz, P. R., Smith-Hoerter, K. E., Brandon, T. H., & Bradizza, C. M.
Predictors of within-session habituation to alcohol cues.

VanZile-Tamsen, C., Testa, M., & Livingston, J. A.
The impact of sexual assault history and perpetrator/victim relationship on risk perception and reactions to sexual aggression.

Walitzer, K. S., & Connors, G. J.
Thirty-month follow-up of drinking moderation training for heavily-drinking women.

Walitzer, K. S., & Kubiat, A. J.
Naturalistic observation of marital communication following a couples-based drinking moderation treatment.

International Society for Traumatic Stress Studies Annual Meeting, Chicago, Illinois
Coffey, S. F., Schumacher, J. A., Brady, K. T., & Dansky, B. S.
Reductions in trauma symptomatology during acute and protracted alcohol and cocaine abstinence.

NIAAA National Research Service Award Trainee Conference, Indianapolis, Indiana
Dearing, R. L., Connors, G. J., & Walitzer, K. S.
Drinking patterns and alcohol-related beliefs of self-identified moderate to heavy drinkers.

Society for Neuroscience Annual Meeting, New Orleans, Louisiana
Haj-Damane, S., & Shen, R.
Orexins inhibit excitatory synaptic transmission in DRN 5-HT neurons through retrograde endocannabinoid signaling.

Effects of prenatal ethanol on sustained attention in rats.

Shen, R., Leach, P. R., & Thompson, A. C.
Ethanol withdrawal reduces the activity of VTA dopamine neurons and extracellular dopamine levels in the nucleus accumbens by depolarization inactivation.

Wang, J., & Shen, R.
Prenatal ethanol exposure decreases excitatory neurotransmission in dopamine neurons in the ventral tegmental area.

The Buzz on College Drinking and Smoking: Translational Perspectives, Brown University, Providence, Rhode Island
Collins, R. L.
Interventions for college student substance use.

December, 2003
Center for the Advancement of Youth Health, University of Alabama, Birmingham, Alabama
Leonard, K. E.
Alcohol use and intimate partner violence.

January, 2004
Career Pre-conference of the Society for Personality and Social Psychology, Austin, Texas
Bellavia, G. M.
If you like research...: The research institute as an alternative to academic employment.

Quigley, B. M., Collins, R. L., & Leonard, K. E.
Beer muscles: Self-presentation and intoxication in bar violence.

Still at Risk for Drug Abuse: Prevention Research Among Young Adults, Bethesda, Maryland
Leonard, K. E.
Family transitions in young adulthood: Marriage and parenting.

February, 2004
Eastern Sociological Society Annual Meeting, New York, New York
Miller, K. E., Melnick, M. J., Farrell, M. P., Sabo, D. F., & Barnes, G. M.
Jocks, binge drinking, and adolescent violence.

International Neuropsychological Society 32nd Annual Meeting, Baltimore, Maryland
Grohman, K., & Fals-Stewart, W.
Detecting impairment in substance-abusing patients using the neuropsychological assessment battery (NAB).

Grohman, K., Fals-Stewart, W., & Bates, M.
Cognitive “rehabilitation” with neuropsychologically intact substance abusers.

March, 2004
Academy of Criminal Justice Sciences Annual Meeting, Las Vegas, Nevada
Malt liquor and marijuana: Frequencies of use in college and non-college populations.

Rotman Research Institute 14th Annual Conference, Toronto, Ontario, Canada
Grohman, K., Fals-Stewart, W., & Donnelly, K.
World Congress on Women’s Mental Health, Washington, District of Columbia  
Stappenbeck, C., Hoebbel, C., & Fals-Stewart, W.  
Stappenbeck, C., Hoebbel, C., & Fals-Stewart, W.  
Women’s indirect risks for HIV exposure: The effects of behavioral couples therapy on wives of drug-abusing men.  
April, 2004  
Marital and Family Therapy for Alcohol and Drug Abuse, School of Social Work, Columbia University, New York, New York  
Fals-Stewart, W.  
Learning sobriety together.  
May, 2004  
American Psychiatric Association 157th Annual Meeting, New York, New York  
Fals-Stewart, W.  
Behavioral family counseling and naltrexone compliance for male opioid-dependent patients.  
Scarozza, J., Eiden, R. D., & Leonard, K. E.  
Attachment stability, paternal alcoholism, and infant behavior problems.  
International Conference on Infant Studies, Chicago, Illinois  
Edwards, E.  
Behavior problems in 18- to 36-month-old children of alcoholic fathers: Secure mother-infant attachment as a protective factor.  
Eiden, R. D., Edwards, E., & Leonard, K. E.  
Predictors of effortful control among children of alcoholic and non-alcoholic fathers.  
Lawton, D., Schuetze, P., & Eiden, R. D.  
The association between prenatal exposure to cocaine and sleep at seven-months of age.  
Schuetze, P., & Eiden, R. D.  
Infant growth as a mediator of the association between prenatal and passive exposure to cigarettes and heart rate in two-week old infants.  
Schuetze, P., & Eiden, R. D.  
Relation between maternal substance use and infant arousal: An examination of possible mediators and moderators of risk.  
Veira, Y., Eiden, R. D., & Schuetze, P.  
Prenatal cocaine exposure and infant stress response as measured by salivary cortisol.  
Substance Abuse and Antisocial Behavior Across the Lifespan: Research Findings and Clinical Implications, Toronto, Ontario, Canada  
Fals-Stewart, W.  
Substance abuse and domestic violence: Many issues, some answers.  
Leonard, K. E.  
Alcohol and intimate partner violence: Understanding the proximal link between drinking and episodes of violence.  
June, 2004  
College on Problems of Drug Dependence Annual Meeting, San Juan, Puerto Rico  
Coffey, S. F., Stasiewicz, P. R., Hughes, P. M., & Brimo, M. L.  
Subject retention and reduced cue-elicited alcohol craving following trauma-focused prolonged exposure for alcoholics with PTSD.  
Fals-Stewart, W., Stappenbeck, C., & Hoebbel, C.  
A decision tree for determining primary drug of abuse: Psychometric properties.  
Watson, D. W., Longshore, D., Sim, T., Annon, J., & Connors, G. J.  
Psychometric properties of the religion and spirituality in recovery instrument.  
Complexities of Co-occurring Conditions Conference, Washington, District of Columbia  
Bradizza, C. M., Stasiewicz, P. R., Paas, N. D., & Vincent, P. C.  
Motivation, self-efficacy, and substance use among the severely mentally ill.  
LeFauve (Moderator), Co-occurring alcohol abuse and mental illness: Treatment models and settings.  
Collins, R. L.  
Ecological momentary assessment for co-occurring conditions.  
National Council on Problem Gambling, Phoenix, Arizona  
Welte, J. W., Barnes, G. M., Wieczorek, W. F., & Tidwell, M. C. O.  
Geographic and ecological risk factors for problem gambling among U.S. women and men.  
Psychometric Society Annual Meeting, Monterey, California  
Raykov, T., & Tisak, J.  
Examining time-invariance of reliability in multi-wave multiple indicator models.  
Research Society on Alcoholism Annual Meeting, Vancouver, Canada  
Effects of parental monitoring and peer deviance on the trajectory of alcohol misuse in adolescents.  
Bellavia, G. M., Kearns, J. N., Leonard, K. E., Frone, M. R., & Mudar, P. M.  
Working a hard day easier? Work-related drinking as a consequence of work-family conflict.  
Bradizza, C. M., Stasiewicz, P. R., Paas, N. D., & Vincent, P. C.  
The interrelationships of observational role play measures, the coping responses inventory, and substance-related variables among substance abusers with and without a severe mental illness.  
Bradizza, C. M., Stasiewicz, P. R., Vincent, P. C., & Paas, N. D.  
Development of a role play measure to assess coping skills among severely mentally ill, substance-abusing, and dually-diagnosed individuals.  
Buddie, A. M., & Collins, R. L.  
The role of alcohol in men’s experiences of consenting to unwanted sex.
Going Strong

Coffey, S. F., Stasiewicz, P. R., Hughes, P. M., & Brimo, M. L.  
Insensation distress and reduced cue-elicited alcohol craving following trauma-focused prolonged exposure for alcoholics with PTSD.

Connors, G. J., Walitzer, K. S., & Geigel, J. L.  
Participation in AA, spirituality, and alcoholism treatment outcomes.  
Presented at the State-of-the-Art Mutual Help Research Conference, Satellite Session.

Collins, R. L., Bradizza, C. M., & Kubiak, A. J.  
The who, what, and why of malt liquor consumption.

Dearing, R. L., Nochajski, T. H., & Stasiewicz, P. R.  
DWI offenders’ follow-through with referrals to treatment.

Dearing, R. L., Walitzer, K. S., & Connors, G. J.  
Baseline drinking moderates the effect of alcohol expectancies on women’s treatment outcomes.

Fals-Stewart, W., Parks, K. A., Pardi, A. M., & Bradizza, C. M.  
The moderating effects of antisocial personality disorder.

Fals-Stewart, W., Klostermann, K., Hoebbel, C., & Kennedy, C. L.  
Behavioral couples therapy for drug-abusing men and their intimate partners: The comparative effectiveness of a group-based format.

Gorman, C., Logsdon, T., & Fals-Stewart, W.  
The development of self-regulation and behavior problems among young children of alcoholics.

Parks, K. A., Pardi, A. M., & Bradizza, C. M.  
A comparison of a web-based vs. telephone survey of college women’s drinking.

Russell, M., Nochajski, T. H., Testa, M., Kohlmeier, C., Zimmerman, S., & Hughes, P.  
Gender differences in HC V risk factors.

Rychtarik, R. G., & M C Gillcuddy, N. B.  
Predicting help-seeking among the alcoholic partners of women participating in programs regarding their partner’s drinking.

Schumacher, J. A., & Coffey, S. F.  

Schumacher, J. A., & Leonard, K. E.  
Problem drinking, drinking context, and aggression in early marriage.

Testa, M., Buddie, A. M., VanZile-Tamsen, C., & Livingston, J. A.  
Risky behaviors mediate the relationship between childhood sexual abuse and adult sexual victimization.

Walitzer, K. S., Deren, K. H., & Barrick, C.  
Facilitating involvement in Alcohols Anonymous.

Welte, J. W., Barnes, G. M., Hoffman, J. H., & W leczorek, W. F.  
The effect of alcohol and other drug involvement on the trajectory of delinquent careers.

*Scientific Publications*

In J. D. Orcutt & D. R. Rudy (Eds.), Drugs, Alcohol, and Social Problems (pp. 167-183).  
Lanham, M aryland:  Rowman & Littlefield Publishers, Inc.

M arital and family problems.  
In J. C. Thomas & M. Mersen (Eds.), Psychopathology in the Workplace (pp. 261-274).  

The role of the bar context and social behaviors on women's risk for aggression.  
Journal of Interpersonal Violence, 18, 1378-1393.

M ethylenedinitrate restores ventral tegmental area dopamine neuron activity in prenatal ethanol-exposed rats by augmenting dopamine neurotransmission.  

Alcohol abuse and dependence.  
In N. Anderson et al. (Eds.), Encyclopedia of Health and Behavior, Vol. 1 (pp. 32-37).  

Drinking reports from collateral individuals.  
Addiction, 98, 21-29.

Dual determinants of drug abuse: Reward and impulsivity.  
N ebraska Symposium on Motivation, 50, 19-44.

Validation of cognitive structures: A structural equation modeling approach.  
M ultivariate Behavioral Research, 38, 1-23.

Predictors of effortful control among children of alcoholic and non-alcoholic fathers.  

Substance abuse and intimate relationships: Learning sobriety together.  


The Research Institute on Addictions is closing in on 35 years of dedicated study of addictive behaviors. Over these years, RIA has earned and maintained its recognition as an international leader in the study of addictions, a recognition that is a direct result of the creativity, dedication, skill, and effort of extraordinary scientific and support staff.

As described throughout this Report, our research endeavors continue at a very productive pace. Ten new research grants were awarded to RIA scientists during the period covered by this report (July, 2003 - June, 2004). These new projects focus on such topics as the link between alcohol and victimization among college women; partner violence intervention for alcohol clinic clients; interventions to prevent alcohol-related STD/HIV and assault; behavioral couples therapy for drug abuse; gender, college sports involvement, and substance use; drug abuse and impulsivity; parent training and couples therapy for drug abuse; self-control practice and risk for smoking lapse; risks for HIV among women bar drinkers; and genetic and behavioral dissection of inhibitory control. Including these new grants, our scientists and their respective staffs during the past year were involved in over 40 federally-funded projects. RIA scientists also have been engaged in a variety of internally-funded pilot studies on a range of addictions topics. Noteworthy across these research endeavors has been a strong emphasis on collaborative interactions amongst RIA investigators and with investigators in other University at Buffalo departments and elsewhere across the nation.

In addition, our NIAAA-funded postdoctoral training program on alcohol etiology and treatment has continued to flourish. Recruited into the program this year was Brady Reynolds. He joined Ronda Dearing, Kerry Grohman, and Amy Hequembourg, who were fellows throughout the year. Departing the program were Gina Bellavia (now in private practice), Felipa Chavez (now at Florida Institute of Technology), and Julie Schumacher (now at the University of Mississippi Medical Center).

We were delighted this past year to have welcomed two new scientists to RIA. Jerry Richards’ research interests include animal and human models of impulsivity behavior and the biological basis of addictive behaviors. Rebecca Houston’s research will focus on the neurophysiological substrates of impulsive, aggressive, and antisocial behavior, and how these behaviors contribute to the etiology and treatment profile of various psychiatric disease processes, particularly alcohol and drug use.

As always, we are both excited and challenged by the opportunities that await us this upcoming year. We will be steadfastly continuing our efforts to advance our scientific understanding of addictions, and applying that knowledge in ways that will improve the lives of those affected by addictive behaviors.