

# Curriculum Vitae

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Kirk J. Brower, M.D.  
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### Education and Training

09/1972-04/1973	Vassar College, Poughkeepsie, New York
09/1973-06/1976	University of California, Los Angeles (UCLA) B.A., Major in Psychobiology
09/1977-06/1981	California College of Medicine, University of California, Irvine (UC Irvine) M.D. degree
06/1981-06/1982	Internship Rotating type in Medicine, Neurology, and Psychiatry UCLA and VA Medical Centers, West Los Angeles, CA
07/1982-06/1985	Residency in Psychiatry UCLA Neuropsychiatric Institute and West Los Angeles VA Medical Center (Brentwood Division), Los Angeles, CA

### Certification and Licensure

1982	National Board of Medical Examiners, July 1982, Certificate Number: 241631
1982-1996	Licensed Physician and Surgeon, State of California, October 1982, License Number: G49134
1983-2009	Controlled Substances Registration Certificate, July 1983, DEA Registration Number: AB1978329
1987-2012	Physician License, State of Michigan, January 1987, Board of Medicine, License Number: 4301050836
1987-2012	Controlled Substance License, State of Michigan, Board of Pharmacy, License Number: 4301050836
1987	American Board of Psychiatry and Neurology with Certification in Psychiatry, April 1987, Certificate No. 29112. No expiration date.

1988	Certified in alcoholism and other drug dependencies through examination by the American Society of Addiction Medicine, December 1988, Certificate Number: 002838 No expiration date.
1996-2006	Certificate of Added Qualifications in Addiction Psychiatry, American Board of Psychiatry and Neurology, April 1996, Certificate Number: 802
1998	Recertified in addiction medicine through examination by the American Society of Addiction Medicine, Certificate Number: 2838. No expiration date.
2006-2009	Registered with DEA to prescribe buprenorphine for opioid addiction. Registration Number: XB1978329T.
2007-2017	Certificate of Added Qualifications in Addiction Psychiatry, American Board of Psychiatry and Neurology, Recertified August 2007, Certificate Number: 802
2009	Diplomate, American Board of Addiction Medicine

## **Academic, Administrative, and Clinical Appointments**

### **Academic Appointments**

07/1985 – 10/1986	Assistant Professor in Residence Department of Psychiatry and Biobehavioral Sciences, UCLA School of Medicine, Los Angeles, CA
12/1986 – 08/1989	Instructor, Department of Psychiatry University of Michigan School of Medicine, Ann Arbor, MI
09/1989 – 08/1994	Assistant Professor, Department of Psychiatry University of Michigan School of Medicine, Ann Arbor, MI
09/1994-present	Associate Professor, with tenure, Department of Psychiatry University of Michigan School of Medicine, Ann Arbor, MI
09/2008-present	Professor, Department of Psychiatry University of Michigan School of Medicine, Ann Arbor, MI

### **Administrative Appointments**

09/1990-09/1991	Deputy Executive Director, Chelsea Arbor Treatment Center A Joint Venture of the University of Michigan Medical Center and Chelsea Community Hospital.
09/1991-05/2006	Executive Director, Chelsea Arbor Treatment Center A Joint Program of the University of Michigan Health System and Chelsea Community Hospital. Included the Older Adult

Recovery Center, Ann Arbor, MI beginning in 1997.  
(Renamed *Chelsea Arbor Addiction Treatment Center*, 2002.)

09/1994-08/2008 Associate Director for Clinical Activities and Education  
Substance Abuse Section, Department of Psychiatry  
(a.k.a. Division of Substance Abuse prior to 2004)

06/2006-present Executive Director  
University of Michigan Addiction Treatment Services  
(UMATS)

09/2008-present Associate Director for Addiction Psychiatry  
Substance Abuse Section, Department of Psychiatry

### **Clinical Appointments**

06/1984-03/1985 Staff Psychiatrist, Didi Hirsch Community Mental Health  
Center, Culver City, CA

07/1985-10/1986 Staff Psychiatrist, VAMC West Los Angeles, Brentwood  
Division, Los Angeles, CA (Inpatient Alcohol and Drug  
Program, July 1985 - January 1986; Evaluation and  
Admissions Unit, July 1985 - October 1986)

12/1986-06/1990 Attending Psychiatrist and Co-Director, Inpatient Unit 8D;  
Clinical Director, University of Michigan Alcohol Program,  
University of Michigan Medical Center, Ann Arbor, MI

09/1990-08/1991 Consulting Psychiatrist, Chelsea Arbor Treatment Center, a  
Joint Venture of the University of Michigan Medical Center  
and Chelsea Community Hospital, Chelsea, MI

09/1990-08/1992 Staff Psychiatrist, Older Adult Recovery Center, a Substance  
Abuse Program of Chelsea Community Hospital, Ann Arbor,  
MI

09/1991-05/2006 Attending Psychiatrist, Chelsea Arbor Treatment Center, a  
Joint Venture of the University of Michigan Medical Center  
and Chelsea Community Hospital, Chelsea and Ann Arbor,  
MI.

09/1992-08/1993 Attending Physician and Consulting Psychiatrist, Chelsea  
Arbor Outpatient Services, Jackson, MI

01/1997-06/1998 Staff Psychiatrist (12.5% time), VA Medical Center, Ann  
Arbor, MI

06/2006-10/2007 Attending Psychiatrist and Interim Medical Director,  
University of Michigan Addiction Treatment Services, Ann  
Arbor, MI

11/2007-present Attending Psychiatrist, University of Michigan Addiction  
Treatment Services, Ann Arbor, MI

## Research Interests

1. Alcohol and sleep: relationships between sleep neurophysiology and relapse to heavy drinking in alcohol-dependent patients and its prevention through targeted pharmacotherapy.
2. Addiction pharmacotherapy for patients with and without co-occurring non-substance mental disorders
3. Improving substance abuse treatment and prediction of its clinical outcomes
4. Anabolic steroids: psychiatric and addictive effects

## Grants

### Present and Active

National Institute on Alcohol Abuse and Alcoholism  
(2 K24 AA00304), "Medication Effects on Sleep in Alcoholics"  
PI: Kirk J. Brower (08/01/05-07/31/10: Years 6-10)  
Principal Investigator (50% effort)  
(\$662,412 total direct costs)

National Institute on Alcohol Abuse and Alcoholism  
(1R01AA016117), "Pharmacotherapy and Mechanisms of Sleep Disturbance in Alcohol Dependence"  
PI: Kirk J. Brower (01/20/07-12/31/11)  
Principal Investigator (35%)  
(\$1,452,237 total direct costs)

National Institute on Alcohol Abuse and Alcoholism  
(R21 AA016104), "Genetics, Brain Activity, and Relapse to Alcoholism"  
(09/20/2007-08/31/2009)  
PI: Kirk J. Brower (1.8 Calendar Months)  
(\$270,180 total direct costs)

National Institute on Alcohol Abuse and Alcoholism  
(2 T32 AA007477), "Multidisciplinary Alcoholism Research Training Program"  
PI: Robert Zucker (07/01/08-06/30/13: Years 19-23)  
Co-Principal Investigator (2.5% effort)  
(Estimated Award \$1,603,680)

Fogarty International Center/National Institute on Drug Abuse  
(2 D43 TW005818-06) "International Substance Abuse Research Program"  
PI: Robert Zucker (9/23/06-04/30/11: Years 6-10)  
Co-Investigator (5% effort)

National Institute on Alcohol Abuse and Alcoholism  
(1R01 AA014442) "Long-Term Spiritual Changes in Recovery from Alcoholism"  
PI: Elizabeth Robinson (06/01/2004-05/31/2009)

Co-Investigator (5% effort)  
(\$1,125,000 total direct costs)

## Summary of Major Previous Grants

Chelsea Arbor Treatment Center  
"Chelsea Arbor/UMARC Outcome Study"  
PI: Kirk J. Brower (06/01/95-5/31/98)  
Principal Investigator (10% effort);  
(\$50,000 total direct costs)

Pfizer Pharmaceuticals, Inc.  
(# 95-S-0592) "Double-Blind Parallel Comparison of Sertraline and Placebo in  
Patients with Depression and a DSM-IV Diagnosis of Alcohol Dependence"  
PI: Kirk J. Brower (9/1/96-11/30/99)  
Principal Investigator at University of Michigan site (10% time)  
(\$194,812 total direct costs)

DrugAbuse Sciences, Inc.  
(Naltrel 99-03) "Safety and Efficacy of Naltrel™ in Treatment of Alcohol  
Dependence"  
PI: Kirk J. Brower (08/01/00-11/30/02)  
Principal Investigator at University of Michigan site (5% effort)  
(\$81,710 total direct costs)

Fetzer Institute/NIAAA  
(R21 AA13061) "Spiritual and Religious Change in Treated Alcoholics"  
PI: Kirk J. Brower (03/01/01 - 08/31/03)  
Principal Investigator (5% effort)  
(\$191,680 total direct costs)

Research Foundation for Mental Hygiene, Inc (Direct Sponsor)  
National Institute on Alcohol Abuse and Alcoholism  
(R01 AA133303) "Alcohol Use Disorder in Patients Treated for Depression"  
PI: Patrick J. McGrath (07/01/03-06/30/05)  
Contract Principal Investigator (5% effort) and STAR\*D Regional Center Director  
(\$38,400 total direct costs)

National Institute on Alcohol Abuse and Alcoholism  
(1K24 AA00304), "Pharmacotherapy of Alcoholism and Comorbid Insomnia"  
PI: Kirk J. Brower (9/27/99-8/31/04)  
Principal Investigator (50% effort)  
(\$522,597 total direct costs)

National Institute on Drug Abuse  
(U01 DA13710) "Clinical Trials Network, Great Lakes Regional Node"  
PI: Charles R. Schuster (10/01/00-09/30/05)  
Co-Investigator (20% effort)  
(\$9,355,106 total direct costs)

Fogarty International Center/National Institute on Drug Abuse  
(D43 TW005818) "International Substance Abuse Research Program"  
PI: Robert Zucker (03/01/01-09/30/06)  
Co-Investigator (2.5% effort)  
(\$175,400 total annual costs)

National Institute on Alcohol Abuse and Alcoholism  
(R21 AA014408 ) "CBT for Insomnia in Patients with Alcohol Dependence"  
PI: J. Todd Arnedt (09/30/2004-08/31/07)  
Co-Investigator (5% effort)

## Honors and Awards

- 1976 Phi Beta Kappa, UCLA
- 1976 Summa Cum Laude, UCLA
- 1976 Departmental Honors in Psychobiology, UCLA
- 1978 Basic Sciences Certificate of Excellence, California College of Medicine, UC Irvine
- 1978 Alpha Omega Alpha Honor Medical Society, California College of Medicine, UC Irvine
- 1981 Senior Award for Academic Excellence, California College of Medicine, UC Irvine
- 1990 Young Investigator Award, American Society of Addiction Medicine
- 1993 Certificate of Appreciation for Outstanding Contributions in the Field of Drug Law Enforcement, Drug Enforcement Administration, United States Department of Justice
- 1994 Dean's Letter for Excellence in Teaching, University of Michigan Medical School
- 1998 Fellow, American Society of Addiction Medicine
- 1998 Dean's Letter for Excellence in Addiction Medicine, University of Michigan Medical School
- 2001 Excellence in Research Award for Physicians, Blue Cross Blue Shield of Michigan
- 2006 "Top Docs", Addiction Medicine, Hour Detroit Magazine, October 2006
- 2007 "Top Docs", Addiction Medicine, Hour Detroit Magazine, October 2007
- 2008 Distinguished Fellow, American Psychiatric Association

## Memberships in Professional Societies

- 1978-1985 California Medical Association
- 1978-1995 American Medical Association
- 1983-1986 Southern California Psychiatric Society

1983-present	American Psychiatric Association
1986-present	American Academy of Addiction Psychiatry (formerly the American Academy of Psychiatrists in Alcoholism and Addictions); Founding Member, 1986-Present
1987-present	American Society of Addiction Medicine
1987-present	Michigan Psychiatric Society
1987-2002	Association for Medical Education and Research in Substance Abuse
1988-present	Research Society on Alcoholism
1997-2008	American Association of Directors of Psychiatric Residency Training
1999-present	American Academy of Sleep Medicine
2003-present	International Society for Biomedical Research on Alcoholism
2005-present	Sleep Research Society; Member

### **Editorial Positions, Boards, and Peer-Review Service**

1991-1994	Drugs in Sports; Editorial Board
1992	Guest Editor: "Anabolic Steroids: A Mind-Body Problem", Psychiatric Annals, 1992 (January); 22 (1).
2003-2005	Patient Feedback News, Editorial Board (A Study in the National Clinical Trials Drug Abuse Network)
2004-present	Alcoholism: Clinical and Experimental Research; Editorial Board
2007	Section Editor on Alcohol Use Disorders for Cambridge Handbook of Effective Treatments in Psychiatry. Tyrer P, Silk K (eds): Cambridge, UK: Cambridge University Press, 2008.

### Editorial Activities

1990	Editor of the Month: The Pharmacotherapy of Heroin Withdrawal, in The Michigan Drug Letter 1990 (August); 9 (8).
1990-1994	Reviewer for Alcohol Clin Exp Res, Am J Addictions, Am J Drug Alcohol Abuse, Am J Psychiatry, Biol Psychiatry, J Appl Soc Psychol, Journal of Sport and Exercise Psychology (not all journals in each year)
1995	Reviewer for CNS Drugs, Drug Alcohol Depend, J Psychiatr Res
1996	Reviewer for JAMA, Psychosomatics Physician Editor: Clinical Issues Associated with Urine Testing of Substances of Abuse, in The Michigan Drug Letter 1996; 15 (3).
1997	Reviewer for Br J Obstet Gynaecol, J Mental Health Aging
1998	Reviewer for Alcohol Clin Exp Res
1999	Reviewer for Alcohol Clin Exp Res, Am J Addictions, Drug Alcohol Depend, J Geriatr Psychiatry Neurol
2000	Reviewer for Alcohol Clin Exp Res, Am J Addictions

- 2001 Reviewer for Am J Addictions, Drug Alcohol Rev, J Geriatr Psychiatry Neurol  
CME Reviewer for "Current Perspectives on Opioid Addiction Management." Sponsored by the University of Michigan Medical School.
- 2002 Reviewer for Addiction, Am J Addictions, Am J Drug Alcohol Abuse, Drug Alcohol Depend, J Clin Psychopharmacol  
CME Reviewer for "Office-Based Buprenorphine Treatment." An 8-hour training course sponsored by the Black Psychiatrists of America, the American Academy of Addiction Psychiatry, and the University of Michigan Medical School. Detroit, MI. April 4, 2002.
- 2003 Reviewer for Alcohol, Alcohol Clin Exp Res, J Consult Clin Psychol
- 2004 Reviewer for Addiction, Alcohol Clin Exp Res
- 2005-2007 Reviewer for Addiction, Alcohol Clin Exp Res, Drug Alcohol Depend, Sleep
- 2006-2007 Reviewer for the American Psychiatric Association Practice Guideline for the Treatment of Patients with Substance Use Disorders, Am J Psychiatry 2007; 164 (4 suppl): p. 85.
- 2008-2009 Reviewer for Alcohol Clin Exp Res, Drug Alcohol Depend, J Clin Psychopharmacol

#### Scientific Review Committees

- 1987 Site Reviewer for the National Institute on Drug Abuse (NIDA)
- 1999 Member, Special Emphasis Panel (ZAA1-EE-02) of the National Institute on Alcohol Abuse and Alcoholism (NIAAA) and 1<sup>st</sup> reviewer for selected application. July 26, 1999.
- 1999 Member, Special Emphasis Panel of the NIAAA
- 2002 Temporary Member, NIAAA Review Group AA-3 (Clinical and Treatment Subcommittee) and 1<sup>st</sup> reviewer for selected application. February 28, 2002.  
Temporary Member, NIAAA Review Group (ZAA1-BB-22M) and 2<sup>nd</sup> reviewer for selected application. September 6, 2002.
- 2003 Member, Special Emphasis Panel (ZAA1-BB-14) of the NIAAA and 2<sup>nd</sup> reviewer for selected RO1 application. February 20, 2003.  
Chairperson, Special Emphasis Panel (ZAA1-BB-23), August 15, 2003.
- 2003-2004 Member, Grants Advisory Panel for the Blue Cross and Blue Shield of Michigan Foundation
- 2003-2007 Member, NIAAA Initial Review Group (AA-3: Clinical and Treatment Subcommittee).
- 2004 Member, NIAAA Special Emphasis Panel (ZAA1-CC-12; L30 Application Reviews), April 20, 2004.  
Member, NIAAA Committee to Review RFA-AA-04-002 SBIR

- 2005 Applications (ZAA1-CC-13), July 15, 2004  
 Chairperson, NIAAA Special Emphasis Panel (ZAA1-CC-32).  
 SBIR Contract: Topic 017 Development of Methodology for  
 Measuring Compliance for Medications, February 28, 2005  
 Chairperson, NIAAA Special Emphasis Panel (ZAA1-CC-34) to  
 Review R01 Grant Application. May 3, 2005.
- 2009 Temporary Member. NIDA Initial Review Group (NIDA-L:  
 Medication Development Research Subcommittee). February 12,  
 2009.

### Teaching – See Educator’s Portfolio

- 1997-2008 Director, Addiction Psychiatry Training Program (Accredited by the  
 Accreditation Council for Graduate Medical Education, effective  
 July, 1997; Reaccredited in 2006 for 5 years)
- 1997-present Chair, Addiction Psychiatry Fellowship Training and Selection  
 Committee
- 1998-2008 Member, Graduate Medical Education Program Directors’ Group
- 1998-2008 Organizer and Speaker, Annual Addiction Psychiatry Update for  
 psychiatry residents from all five training programs in the state of  
 Michigan.
- 1999 Member, Course Planning Committee: 11<sup>th</sup> Annual Advances in  
 Psychiatry CME Conference, Medical School
- 2002 Course Co-Director and Member, Planning Committee: 14<sup>th</sup>  
 Annual Advances in Psychiatry CME Conference, Medical School
- 2007 Organizing Committee: Frank J. MacDonell Lectureship &  
 Addiction Psychiatry Update. Funded in whole by the Frank J.  
 MacDonell Endowment to the University of Michigan Department  
 of Psychiatry. October 18, 2007.

### Committee, Organizational, and Volunteer Service

#### Institutional (University of Michigan)

- 1987-1991 Member, Pharmacy and Therapeutics Committee, Medical Center
- 1988-1990 Member, Executive Committee, Alcohol Research Center,  
 Department of Psychiatry
- 1990 Chair, Committee to Review Psychotherapeutic Agents on the  
 Formulary, Department of Psychiatry
- 1991-1995 Board of Directors, Chelsea Arbor Treatment Center
- 1995-1999 Advisory Committee, Chelsea Arbor Treatment Center
- 1999-2006 Operations Review Committee, Chelsea Arbor
- 1992-1994 Member, Steering Committee, Substance Abuse Center

1994-1995	Member, Task Force to Redesign the Residency and Subcommittee on Clinical Experiences, Department of Psychiatry
1994-1995	Member, Medical School Curriculum Meetings on Alcohol and Other Drugs
1994-1996	Member, Advisory Board, DrinkWise
1994-1996	Member, Joint Planning Committee for Chemical Dependency Treatment Services, University of Michigan Medical Center, Chelsea Community Hospital, Catherine McAuley Health System, and Providence Hospital
1997-1999	Member, Women's Health Steering Committee, Health System
1998-1999	Member, Task Force on Disease Management Programs; Lead, Task Force on Disease Management Program for Alcoholism; Department of Psychiatry
1999	Member, Continuum of Care Task Force, Department of Psychiatry
1999	Member, Conference Planning Committee: Putting Special Populations on the Alcohol Research Agenda: A Tribute to Edith S.L. Gombert's Work; Department of Psychiatry, Division of Substance Abuse, and Alcohol Research Center
1999	Clinical Council Substance Abuse Task Force on Substance Abuse Services in the UM Health System, Department of Psychiatry
2002-2005	Member, Operating Committee, Substance Abuse Research Center
2003-2004	Member, M-START Executive Committee, Department of Psychiatry
2003-2008	Member, Clinical Council, Department of Psychiatry
2003-present	Member, Admissions Committee, Medical School
2004-2005	Member, M-CORE Outcomes Workgroup, Department of Psychiatry
2004-2007	Member, Appointments and Promotions Committee, Dept. of Psychiatry
2005	Member, Search Advisory Committee for the Director of the Substance Abuse Research Center
2005-2008	Member, Education Council, Department of Psychiatry
2006-2008	Member, Ambulatory Psychiatry Operating Committee

## **Regional**

### **Chelsea Community Hospital**

1994-1995	Member, Psychiatric Case Review Committee
1996	Member, Medical Record Committee
1997-2002	Member, Psychiatric Case Review Committee

## **National**

1980-1981	Representative, Committee on Alcoholism and Other Drug Dependence, California Medical Association
1980-1981	Representative, Panel on Drug Abuse, American Medical Association
1992-1993	Member, Treatment Outcome Committee, American Society of Addiction Medicine 1995-1998 Member, Health Care Economics Committee, Michigan Psychiatric Society
1997-1999	Member, Committee for Physician Health, Michigan Psychiatric Society
1999-2000	Member, Committee on Geriatric Alcoholism and Substance Abuse, American Society of Addiction Medicine
2001-2008	Member, PGY-V Committee, American Academy of Addiction Psychiatry
2003-2005	Member, Fundraising Committee, Research Society on Alcoholism
2003-2004	Member, Enoch Gordis Research Recognition Award Subcommittee, Research Society on Alcoholism
2004-2009	Member, Education Committee, Research Society on Alcoholism
2005-2008	Chair, Enoch Gordis Research Recognition Award Subcommittee, Research Society on Alcoholism
2008-2009	Co-Chair, Enoch Gordis Research Recognition Award Subcommittee, Research Society on Alcoholism
2007-present	Member, Annual Meeting Program Committee, American Academy of Addiction Psychiatry

### Consulting Positions

1987	Psychiatric examiner for the Federal Aviation Administration
1989	Consultant to the American Psychiatric Association's Task Force on Treatments of Psychiatric Disorders
1989	Expert witness, testifying on the psychiatric effects of anabolic steroids, in U.S. District Court, Cincinnati, Ohio
1992	Consultant to Community Mental Health Services of Muskegon County, Michigan regarding guidelines for prescribing antianxiety medications and hypnotic sedatives
1993-1995	Physician reviewer for Care Choices HMO for substance abuse cases, Ann Arbor, Michigan
2000-2005	Specialty Consultant in Addiction Psychiatry for the Michigan Center for Diagnosis and Referral (M-CDR), University of Michigan Health System
2002	Consultant, Pfizer, Inc.
2004-2005	Consultant, Cybernet Systems Corporation (10/2004-05/2005)
2005	Expert Witness, Committee of Government Reform, Hearing on Major League Baseball and the Use of Performance-Enhancing Drugs, House of Representatives, Congress of the United States, March 17, 2005
2005	Consultant, Forest Pharmaceuticals, Inc.
2005	Consultant, Alkermes, Inc.

## Seminars and Extramural Invited Presentations

### June 2002 – December 2008 (1987-2001 under separate cover)

1. Karam-Hage M, Brower KJ: Bupropion-SR treatment for smoking among alcoholics. Poster Presentation. Annual Scientific Meeting of the Society for Research on Nicotine and Tobacco. Savannah, GA. February 2002.
2. Brower K: Co-Existing Disease. Invited Speaker. Overcoming Barriers to Treatment in Addiction Medicine. Third Annual Spring Conference of the Michigan Society of Addiction Medicine. Lansing, MI. April 13, 2002.
3. Brower KJ, Richter M: Teens and Drugs. Invited Speaker to address teachers at Belleville High School. Belleville, MI. April 17, 2002.
4. Robinson EAR, Brower KJ: Spiritual and religious change in treated alcoholics. Invited oral presentation. NIAAA/Fetzer Institute Second Annual Spirituality and Alcohol RFA Meeting. Kalamazoo, MI. May 29-31, 2002.
5. Hegedus AM, Brower KJ, Horrocks JC, Zucker RA: Baseline suicidality predicts short-term abstinence in treated alcoholics. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Francisco, CA. June 28 - July 3, 2002.
6. Robinson E.A.R., Brower KJ: Spirituality and religiousness of persons entering alcohol treatment. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Francisco, CA. June 28 - July 3, 2002.
7. Carey TL, Brower KJ: The impact of cocaine use on treatment outcome in alcoholics. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Francisco, CA. June 28 - July 3, 2002.
8. Carey TL, Brower KJ: Effects of race on alcoholism treatment outcomes. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Francisco, CA. June 28 - July 3, 2002.
9. Strobbe S, Brower KJ, Karam-Hage M: Strange bedfellows: Alcohol and sleep. Invited Paper Presentation. International Nurses Society on Addictions. San Antonio, TX. September 2002.
10. Brower KJ, Carey TL: Racial disparities and alcoholism treatment outcomes. Invited Speaker. Workshop on Alcoholism Treatment Research Priorities and Health Disparities. Sponsored by the National Institute of Alcohol Abuse and Alcoholism and the National Center for Minority Health and Health Disparities. Bethesda, MD. September 23-24, 2002.
11. Brower KJ: Treating drugs with drugs: addiction pharmacotherapy. Invited Speaker. 14<sup>th</sup> Annual Advances in Psychiatry CME Conference. Sponsored by the University of Michigan Medical School & Department of Psychiatry, Hazelden Foundation, Michigan Psychiatric Society, Michigan Society of Addiction Medicine, and the State of Michigan Department of Community Health. Ann Arbor, MI. November 15, 2002
12. Karam-Hage M, Gunderson DO, Brower KJ: Bupropion-SR for smoking cessation among 51 alcoholics during early recovery. Annual Meeting of the American College of Neuropsychopharmacology. San Juan, Puerto Rico.

13. Brower KJ: Course of insomnia and drinking during a clinical trial with alcohol-dependent patients. Poster Presentation. 13<sup>th</sup> Annual Meeting and Symposium of the American Academy of Addiction Psychiatry. Las Vegas, NV. December 12-15, 2002.
14. Brower KJ: Gabapentin treatment of alcohol dependence. Invited Speaker. Pfizer Satellite Symposium on Gabapentin in Substance Disorders. First European Congress on Addictive Disorders. Alicante, Spain. March 26-29, 2003.
15. Wong MM, Brower K, Puttler LI, Zucker RA, Fitzgerald HE, Mayzer R. Childhood and adolescent sleep problems and early onset of alcohol use. Poster Presentation. Biennial Meeting of the Society for Research in Child Development. Tampa, FL. April 2003.
16. Brower KJ, Kim HM, Karam-Hage MA, Zucker RA, Greden JF: A double-blind randomized clinical trial of gabapentin vs. placebo for treating alcohol dependence. Poster Presentation. Annual Meeting of the Society of Biological Psychiatry. San Francisco, CA. May 15-17, 2003.
17. Brower KJ: Alcohol and disordered sleep: Biobehavioral correlates & treatment implications. Symposium Chair and Organizer. Annual Meeting of the Research Society on Alcoholism. Fort Lauderdale, FL. June 21-25, 2003.
18. Brower KJ: Pharmacotherapy of alcoholism and comorbid insomnia. Invited Speaker. Symposium on Alcohol and Disordered Sleep: Biobehavioral Correlates & Treatment Implications. Annual Meeting of the Research Society on Alcoholism. Fort Lauderdale, FL. June 21-26, 2003.
19. Brower KJ, Hegedus A, Wojnar M, Zucker RA, Greden JF: Baseline suicidality predicts alcoholic relapse in men: a replication. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Fort Lauderdale, FL. June 21-26, 2003.
20. Webb JR, Robinson EAR, Brower KJ, Zucker RA: Forgiveness and spirituality among people entering treatment for alcohol problems. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Fort Lauderdale, FL. June 21-25, 2003.
21. Webb JR, Robinson EAR, Brower KJ, Zucker RA: Gender differences in spirituality and alcohol use at treatment entry: a case match study. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Fort Lauderdale, FL. June 21-25, 2003.
22. Webb JR, Robinson EAR, Brower KJ, Zucker RA: Spirituality and problematic drinking at treatment entry and six months. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Fort Lauderdale, FL. June 21-25, 2003.
23. Robinson EAR, Brower KJ, Kurtz E: Are alcoholics entering treatment spiritually and religiously alienated? Comparisons to a national sample. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Fort Lauderdale, FL. June 21-25, 2003.
24. Wojnar M, Wasilewski D, Hegedus AM, Brower KJ, Bronkowski P, Zmigrodzka I: Mortality among alcoholic patients hospitalized for alcohol withdrawal. Poster

25. Brower K: Double-blind placebo controlled clinical trials. Invited Workshop Speaker. Design and Implementation of Clinical Trials. Collaborative International Substance Research Training Program: A Partnership between the University of Michigan in Ann Arbor, MI and the Institute for Psychiatry and Neurology in Warsaw, Poland. Jaczno, Poland. July 2-5, 2003.
26. Brower K: Selecting and working with health care settings: the researcher/clinician interface. Invited Workshop Speaker. Design and Implementation of Clinical Trials. Collaborative International Substance Abuse Research Training Program: A Partnership between the University of Michigan in Ann Arbor, MI and the Institute for Psychiatry and Neurology in Warsaw, Poland. Jaczno, Poland. July 2-5, 2003.
27. Robinson E, Brower K: Spiritual and religious change in treated alcoholics. Invited Speakers. Research Initiatives on Spirituality and Alcohol. Sponsored by the Fetzer Institute and the National Institute on Alcohol Abuse and Alcoholism. Kalamazoo, MI. July 9-11, 2003.
28. Brower KJ: Treating anabolic steroid users. Invited Speaker. Conference for Employee Assistance Professionals sponsored by Major League Baseball. New Orleans, LA. December 12, 2003.
29. Karam-Hage M, Pomerleau CS, Pomerleau OF, Brower KJ: Unaided smoking cessation at six months follow-up among smokers in treatment for alcohol dependence. Poster Presentation. 10<sup>th</sup> Annual Meeting of the Society for Research on Nicotine and Tobacco. Scottsdale, AZ. February 2004.
30. Brower KJ: Treating depression and co-occurring alcohol problems. Invited Workshop Speaker. Second Annual Depression on College Campuses Conference: Connections to Stress, Sleep and Alcohol. Sponsored by University of Michigan Medical School, Depression Center, and Horace H. Rackham School of Graduate Studies. Ann Arbor, MI. March 10, 2004.
31. Brower KJ: Pharmacotherapy of alcoholism and comorbid insomnia. Invited Speaker. Symposium on Alcohol and Insomnia: Biobehavioral Correlates & Treatment (Chair: Timothy A. Roehrs, Ph.D). 18<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Philadelphia, PA. June 7, 2004.
32. Robinson EAR, Brower KJ. Spiritual and religious change in treated alcoholics: preliminary results from a longitudinal survey. Poster Presentation. 27<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism. Vancouver, Canada. June 26-30, 2004.
33. Dixon SJ, Brower KJ, Robinson EAR. Ethnic differences in religious coping among individuals entering treatment for alcohol use disorder. Poster Presentation. 27<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism. Vancouver, Canada. June 26-30, 2004.
34. Brower KJ: Pharmacotherapy of co-occurring substance dependence and other mental disorders. Invited Speaker. Psychopharmacology Update: From Bench to Bedside in Psychiatric Practice. Sponsored by the University of Michigan Medical School. Traverse City, MI. July 11, 2004.
35. Brower KJ: Anabolic-androgenic steroids and psychiatric effects. Invited

36. Wong MM, Brower K, Zucker RA: Sleep problems in early childhood and early onset of alcohol use and behavioral problems in adolescence. Poster Presentation. Biennial Meeting of the Society for Research in Child Development. Atlanta, GA. April 7-10, 2005.
37. Brower K: Mechanisms of addiction. II. Addiction pharmacotherapy. Invited Speaker. Mini Med 2005 Course: Uncovering the Mysteries of the Brain. University of Michigan Medical School. Ann Arbor, MI. May 10, 2005.
38. Conroy DA, Arnedt JT, Hoffmann RF, Consens F, Armitage R, Brower KJ: Sleep perceptions among alcohol dependent patients with insomnia. Poster Presentation. 19<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Denver, CO. June 22, 2005.
39. Brower KJ: Insomnia and alcoholism. "Meet the Professors" Oral Presentation and Discussion. 19<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Denver, CO. June 23, 2005.
40. Dixon SJ, Brower KJ: Alcohol drugs and other coping strategies among African American students at a predominantly white college. Poster Presentation. 28<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism. Santa Barbara, CA. June 25-30, 2005.
41. Webb JR, EAR Robinson, Brower KJ, Zucker RA: Forgiveness and mental health among people entering substance abuse treatment. Poster Presentation. 28<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism. Santa Barbara, CA. June 25-30, 2005.
42. EAR Robinson, Cranford JA, Brower KJ: Changes in spirituality and religiousness associated with AA involvement and relapse in a treatment-seeking sample. Poster Presentation. 28<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism. Santa Barbara, CA. June 25-30, 2005.
43. Conroy DA, Arnedt JT, Strobbe S, Consens F, Armitage R, Brower KJ: Polysomnography and perception of sleep among alcohol-dependent outpatients with insomnia – relationship to future drinking. Poster Presentation. 28<sup>th</sup> Annual Scientific Meeting of the Research Society on Alcoholism. Santa Barbara, CA. June 25-30, 2005.
44. Brower KJ: Alcoholism, sleep and relapse. Workshop Organizer & Speaker. 4th Annual Workshop of the Collaborative International Substance Abuse Research Training Program: A Partnership between the University of Michigan in Ann Arbor, MI and the Institute for Psychiatry and Neurology in Warsaw, Poland. Rzucewo, Poland. September 4-7, 2005.
45. Brower KJ: Pharmacotherapy of alcohol dependence: the new and the good old. Invited Speaker. St. Joseph Mercy Hospital, Department of Psychiatry Grand Rounds. Ann Arbor, MI. December 21, 2005.
46. Brower KJ: Treatment of substance abuse in patients with depression. Invited Speaker. 17th Annual Albert J. Silverman Research Conference: Comorbidity of Mood Disorders and Substance Use Disorders. Department of Psychiatry, University of Michigan. Ann Arbor, MI. June 14, 2006.

47. Arnedt JT, Conroy D, Rutt JL, Strobbe S, Aloia MS, Posner DA, Armitage R, Brower K: An open trial of cognitive-behavioral treatment for insomnia associated with alcohol dependence: Effects on sleep outcomes. Poster Presentation. 19<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Salt Lake City, UT. June 21, 2006.
48. Conroy D, Arnedt JT, Rutt JL, Strobbe S, Aloia MS, Posner DA, Armitage R, Brower K: An open trial of cognitive-behavioral treatment for insomnia associated with alcohol dependence: Effects on mood, fatigue, and quality of life. Poster Presentation. 19<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies. Salt Lake City, UT. June 21, 2006.
49. Brower KJ: Why and how to measure sleep in clinical trials for alcohol dependence. Invited Speaker. Symposium on: Update on Disorders of Sleep and Chronobiology in Alcoholism. Annual Meeting of the Research Society on Alcoholism. Baltimore, MD. June 27, 2006.
50. Brower KJ: Problems and Promise of Evidence-Based Medicine. Invited Speaker and Workshop Organizer. The Future of Substance Abuse Research in Poland: Discussion and New Directions; 5th Annual Workshop of the Collaborative International Substance Abuse Research Training Program: A Partnership between the University of Michigan in Ann Arbor, MI and the Institute for Psychiatry and Neurology in Warsaw, Poland. Zakopane, Poland. September 24-27, 2006.
51. Brower KJ. New Addiction Treatments. Invited Speaker. Center for Forensic Psychiatry, Michigan Department of Community Health. Ann Arbor, MI. December 1, 2006.
52. Carey T, Brower KJ. The Effects of Ethnic Identity on Readiness for Change and Therapeutic Alliance (Poster), American Academy of Addiction Psychiatry 17<sup>th</sup> Annual Meeting and Symposium. St. Pete Beach, FL. December 7-10, 2006.
53. Karam-Hage M, Mullan P, Brower KJ, Gruppen L. Acquired Knowledge of Addiction Among Psychiatry Residents by Repeat Testing (Poster), American Academy of Addiction Psychiatry 17<sup>th</sup> Annual Meeting and Symposium. St. Pete Beach, FL. December 7-10, 2006.
54. Wong M, Brower KJ, Zucker RA. Childhood Sleep Problems and Adolescent Behavioral Problems (Poster), Society for Research in Child Development Biennial Meeting. Boston, MA. March 29, 2007.
55. Brower KJ. AA Involvement and Spirituality in Relation to Treatment Outcome. Invited Speaker. Symposium: Research on Twelve-Step Recovery and Clinical Application, 38<sup>th</sup> Annual Medical-Scientific Conference of the American Society of Addiction Medicine. Miami, FL. April 28, 2007.
56. Brower, KJ. Insomnia: Protracted Withdrawal or Co-Occurring Disorder? Invited Speaker. University of Michigan Substance Abuse Research Center and Comprehensive Depression Center. Ann Arbor, MI. May 11, 2007.
57. Robinson EAR, Price AM, Chermack S, Brower KJ. Life-changing Spiritual/Religious Experiences in Alcoholics and Their Association with Reduced Drinking at Baseline and 6-Month Follow-up. Annual Meeting of the Research Society on Alcoholism. Chicago, IL. July 7-11, 2007

58. Brower KJ. Invited Speaker and Workshop Organizer. Methods for Biomedical and Psychosocial Addiction Research. Assessing Promising Treatments: Randomized Controlled Trials. 6th Annual Workshop of the Collaborative International Substance Abuse Research Training Program: A Partnership between the University of Michigan in Ann Arbor, MI and the Institute for Psychiatry and Neurology in Warsaw, Poland. Warsaw, Poland. September 2-7, 2007.
59. Brower KJ. Invited Speaker. Morbidity & Mortality Case Conference. Chronic pain, suicidality and personality Issues. University of Michigan, Department of Psychiatry Grand Rounds. Ann Arbor, MI. October 3, 2007.
60. Brower KJ. Addiction and Sleep. Symposium Chair and Speaker. American Academy of Addiction Psychiatry 18<sup>th</sup> Annual Meeting and Symposium. Coronado, CA. December 2, 2007.
61. Brower KJ. Assessment and Treatment of Insomnia in Alcohol-Dependent Patients. Invited Speaker. Department of Psychiatry Grand Rounds. Medical College of Virginia at Virginia Commonwealth University. Richmond, VA. December 14, 2007.
62. Brower KJ. Insomnia, Alcoholism, and Relapse. Invited Speaker. Psychiatry Grand Rounds. Medical University of South Carolina. Charleston, SC. March 14, 2008.
63. Robinson EAR, Pierce LK, Webb JR, Brower KJ. Six-month changes in spirituality and religiousness in a diverse sample of alcoholics and links to drinking, AA involvement, and abstinence. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Washington, DC. June 27 – July 2, 2008.
64. Wojnar M, Jakubczyk A, Nowosad I, Matsumoto H, Woany, E, Sliwerska E, Klimkiewicz A, Wnorowska A, Burmeister M, Brower KJ. Genetics of impulsivity in alcohol-dependent patients. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Washington, DC. June 27 – July 2, 2008.
65. Wojnar M, Matsumoto H, Jakubczyk A, Klimkiewicz A, Wnorowska A, Nowosad I, Fudalej S, Sliwerska E, Burmeister M, Brower KJ. Genetics of suicidal behavior in a Polish sample of alcohol-dependent patients. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Washington, DC. June 27 – July 2, 2008.
66. Wojnar M, Jakubczyk A, Wnorowska A, Klimkiewicz A, Sliwerska E, Burmeister M, Brower KJ. An association between Val66Met brain-derived neurotrophic factor (BDNF) gene polymorphism and post-treatment relapse in alcohol dependence. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Washington, DC. June 27 – July 2, 2008.
67. Wojnar M, Ilgen MA, Jakubczyk A, Wnorowska A, Klimkiewicz A, Brower KJ. Impulsive suicidal attempts predict post-treatment relapse in alcohol dependent patients. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. Washington, DC. June 27 – July 2, 2008.
68. Wojnar M, Ilgen MA, Klimkiewicz A, Jakubczyk A, Wnorowska A, Fudalej S, Nowosad I, Brower KJ. Risk factors for suicidal behavior in alcohol-dependent

69. Strobbe S, Wojnar M, Cranford J, Robinson E, Brower KJ. Spiritual awakening predicts improved drinking outcomes in a Polish treatment sample. Invited oral presentation. International Nurses Society on Addictions (IntNSA) Annual Educational Conference, Atlanta, GA. October 4, 2008.
70. Brower KJ. Neurophysiology of Sleep Disturbance in Alcohol-Dependent Individuals. Invited Keynote Speaker. Snake River Association for Neuroscience Fall Conference 2008. Pocatello, ID. October 25, 2008
71. Brower KJ. Causes, consequences, and treatment of insomnia in alcohol-dependent patients. Invited Speaker. Addiction Medicine Conference 2009. Sponsored by the University of Victoria Division of Medical Sciences, Vancouver Island Health Authority, BC Mental Health and Addictions Research Network, and Centre of Addictions Research of BC. Victoria, British Columbia, Canada. March 27, 2009.
72. Brower KJ. Biomarkers for heavy alcohol use. Invited Speaker. Addiction Medicine Conference 2009. Sponsored by the University of Victoria Division of Medical Sciences, Vancouver Island Health Authority, BC Mental Health and Addictions Research Network, and Centre of Addictions Research of BC. Victoria, British Columbia, Canada. March 27, 2009.
73. Wojnar M, Ilgen M, Wojnar J, McCammon R, Valenstein M, Brower K. Sleep problems and suicidality in the National Comorbidity Survey Replication. Invited Oral Presentation. World Psychiatric Association International Congress on Treatments in Psychiatry. Florence, Italy. 1-4 April 2009.
74. Strobbe S, Wojnar M, Cranford J, Robinson E, Brower KJ. Spiritual awakening predicts improved drinking outcomes in a Polish treatment sample. Poster Presentation. World Psychiatric Association International Congress on Treatments in Psychiatry. Florence, Italy. 1-4 April 2009.
75. Wong MM, Brower K, Zucker R. Childhood sleep problems predict poor behavioral control and substance use in boys. Poster Presentation. Society for Research in Child Development Biennial Meeting. Denver, CO. April 4, 2009.
76. Brower KJ. Assessment and treatment of sleep disorders in patients with addiction. Invited Speaker. Chelsea Community Hospital. Chelsea, MI. April 7, 2009.
77. Brower KJ. Pharmacotherapy and mechanisms of sleep disturbance in alcohol dependence. Invited Speaker. NIH/NIAAA Scientific Conference on Sleepiness and Health-Related Quality of Life. Bethesda, MD. April 13-14, 2009.
78. Armitage R, Hoffmann R, Conroy D, Brower K. Sleep homeostasis in alcohol-dependent, depressed and healthy control men. Poster Presentation. 64th Annual Scientific Convention & Meeting of Biological Psychiatry. Vancouver, Canada. May 14-16, 2009.
79. Brower KJ, Alkhouri I. Assessment and treatment of sleep disorders in alcohol-dependent patients with ADHD and other co-occurring disorders. Invited

80. Conroy DA, Hairston IS, Heitzeg M, Brower KJ, Zucker RA. Restless symptoms at night are associated with attention deficit symptoms during the day in children of alcoholics. Poster Presentation. 23<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies. Seattle, WA. June 6-11, 2009.
81. Hairston IS, Conroy DA, Brower KJ, Armitage R, Arnedt J. Improvement in subjective sleep quality and mood after insomnia treatment is associated with pre-treatment objective sleep characteristics in recovery alcoholics. Poster Presentation. 23<sup>rd</sup> Annual Meeting of the Associated Professional Sleep Societies. Seattle, WA. June 6-11, 2009.
82. Armitage R, Hoffmann R, Conroy D, Brower KJ. Sleep homeostasis in alcohol-dependent, depressed and healthy control men. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Diego, CA. June 20-24, 2009.
83. Conroy DA, Hairston IS, Heitzig M, Brower KJ, Zucker RA. Restless symptoms at night are associated with attention deficit symptoms during the day in children of alcoholics. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Diego, CA. June 20-24, 2009.
84. Hairston IS, Conroy DA, Brower KJ, Armitage R, Arnedt J. Improved subjective sleep and mood after insomnia treatment is associated with pre-treatment objective sleep characteristics in recovery alcoholics. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Diego, CA. June 20-24, 2009.
85. Krentzman AR, Robinson EAR, Brower KJ. Spirituality and religiousness and six-month drinking outcomes: a comparison between black and white participants. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Diego, CA. June 20-24, 2009.
86. Price AM, Robinson EAR, Brower KJ. Loss of faith among alcoholics: association with baseline demographics, clinical characteristics, and psychological functioning. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Diego, CA. June 20-24, 2009.
87. Price AM, Robinson EAR, Brower KJ. Loss of faith among alcoholics: qualitative description and relationship to gender, onset, baseline alcohol use and spirituality/religiousness. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Diego, CA. June 20-24, 2009.
88. Price AM, Robinson EAR, Brower KJ. Loss of faith and gender predict relapse in alcoholics over one year. Poster Presentation. Annual Meeting of the Research Society on Alcoholism. San Diego, CA. June 20-24, 2009.
89. Robinson EAR, Price AM, Brower KJ. Why is AA beneficial? An inside view. Invited Presentation. Symposium on Recent Advances in NIAAA Sponsored Mutual-Help Research: Processes and Mechanisms Accounting for AA-Related Benefit. Annual Meeting of the Research Society on Alcoholism. San Diego, CA. June 20-24, 2009.
90. Wong MM, Brower KJ, Zucker RA. Effects of childhood sleep problems and parental alcoholism on binge drinking in adolescence and young adulthood.

91. Strobbe S, Wojnar, M, Cranford, JA, Brower KJ. Spiritual awakening predicts improved drinking outcomes in a polish treatment sample. Invited Paper Presentation. 10th European Doctoral Conference in Nursing Science (EDCNS). Graz, Austria. September 18-19, 2009.

## **BIBLIOGRAPHY**

### **Completed Publications in Scientific Journals**

#### **Peer Reviewed Publications**

1. Brower KJ, Hierholzer R, Maddahian E: Recent trends in cocaine abuse in a VA psychiatric population. *Hosp Community Psychiatry* 1986; 37:1229-1234.
2. Brower KJ, Anglin MD: Adolescent cocaine abuse: epidemiology, risk factors, and prevention. *J Drug Education* 1987; 17:163-179.
3. Brower KJ: Smoking of prescription anticholinergic drugs (letter). *Am J Psychiatry* 1987; 144: 383.
4. Beresford TP, Blow FC, Brower KJ, Adams KM, Hall RCW: Alcoholism and aging in the general hospital. *Psychosomatics* 1988; 29:61-72.
5. Brower KJ: Self-medication of migraine headaches with freebase cocaine. *J Subst Abuse Treat* 1988; 5:23-26.
6. Brower KJ, Maddahian E, Blow FC, Beresford TP: A comparison of self-reported symptoms and DSM-III-R criteria for cocaine withdrawal. *Am J Drug Alcohol Abuse* 1988; 14: 347-356. (Reprinted in *Annual Review of Addictions Research and Treatment* 1991; 1:115-120.)
7. Beresford TP, Blow FC, Brower KJ, Singer K: Screening for alcoholism. *Prev Med* 1988; 17: 653-663.
8. Brower KJ, Blow FC, Beresford TP, Fuelling C: Anabolic-androgenic steroid dependence. *J Clin Psychiatry* 1989; 50:31-33.
9. Brower KJ, Blow FC, Eliopoulos GA, Beresford TP: Anabolic-androgenic steroids and suicide (letter). *Am J Psychiatry* 1989; 146:1075.
10. Brower KJ, Blow FC, Beresford TP: Treatment implications of chemical dependency models: an integrative approach. *J Subst Abuse Treat* 1989; 6:147-157.
11. Brower KJ, Eliopoulos GA, Blow FC, Catlin DH, Beresford TP: Evidence for physical and psychological dependence on anabolic androgenic steroids in eight weight lifters. *Am J Psychiatry* 1990; 147:510-512.

12. Beresford TP, Turcotte JG, Merion R, Burtch G, Blow FC, Campbell D, Brower KJ, Coffman K, Lucey M: A rational approach to liver transplantation for the alcoholic patient. *Psychosomatics* 1990; 31:241-254.
13. Beresford TP, Blow FC, Brower KJ: Alcoholism in the elderly. *Compr Ther* 1990; 16(9):38-43.
14. Closser MH, Brower KJ, Beresford TP: Teaching clinical research in substance abuse to psychiatric residents. *Substance Abuse* 1990; 11(3):167-174.
15. Brower KJ, Catlin DH, Blow FC, Eliopoulos GA, Beresford TP: Clinical assessment and urine testing for anabolic-androgenic steroid abuse and dependence. *Am J Drug Alcohol Abuse* 1991; 17:161-171.
16. Brower KJ, Blow FC, Young JP, Hill EM: Symptoms and correlates of anabolic-androgenic steroid dependence. *Br J Addiction* 1991; 86:759-768.
17. Brower KJ: Anabolic steroids: addictive, psychiatric, and medical consequences. *Am J Addictions* 1992; 1:100-114.
18. Kronfol Z, Nair M, Hill E, Kroll P, Brower K, Greden J: Immune function in alcoholism: a controlled study. *Alcohol Clin Exp Res* 1993; 17:279-283.
19. Aldrich MS, Shipley JE, Tandon R, Kroll PD, Brower KJ: Sleep disordered breathing in alcoholics: association with age. *Alcohol Clin Exp Res* 1993; 17:1179-1183.
20. Brower KJ, Mudd S, Blow FC, Young JP, Hill EM: Severity and treatment of alcohol withdrawal in elderly versus younger patients. *Alcohol Clin Exp Res* 1994; 18:196-201.
21. Brower KJ, Blow FC, Hill EM, Mudd SA: Treatment outcome of alcoholics with and without cocaine disorders. *Alcohol Clin Exp Res* 1994; 18:734-739.
22. Closser MH, Brower KJ: Treatment of alprazolam withdrawal with chlordiazepoxide substitution and taper. *J Subst Abuse Treat* 1994; 11:319-323.
23. Mudd SA, Boyd CJ, Brower KJ, Young JP, Blow FC: Alcohol withdrawal and related nursing care in older adults. *J Gerontol Nurs* 1994; 20(10):17-26.
24. Brower KJ, Blow FC, Hill EM: Risk factors for anabolic-androgenic steroid use in men. *J Psychiatr Res* 1994; 28:369-380.
25. Brower KJ, Aldrich MS, Hall JM: Polysomnographic and subjective sleep predictors of alcoholic relapse. *Alcohol Clin Exp Res* 1998; 22:1864-1871.
26. Aldrich MS, Brower KJ, Hall J: Sleep disordered breathing in alcoholics. *Alcohol Clin Exp Res* 1999; 23:134-140.
27. Karam-Hage M, Brower KJ: Gabapentin treatment for insomnia associated with alcohol dependence (letter). *Am J Psychiatry* 2000; 157:151.
28. Blow FC, Walton MA, Chermack ST, Mudd SA, Brower KJ: Older adult treatment outcome following elder-specific inpatient alcoholism treatment. *J Subst Abuse Treat* 2000; 19:67-75

29. Galen LW, Brower KJ, Gillespie BW, Zucker RA: Sociopathy, gender, and treatment outcome among outpatient substance abusers. *Drug Alcohol Depend* 2000; 61(1):23-33.
30. Brower KJ, Aldrich MS, Robinson EAR, Zucker RA, Greden JF: Insomnia, self-medication, and relapse to alcoholism. *Am J Psychiatry* 2001; 158:399-404.
31. Karam-Hage M, Nerenberg L, Brower KJ: Modifying residents' professional attitudes about substance abuse treatment. *Am J Addictions* 2001; 10:40-47.
32. Brower KJ, Hall JM: Effects of age and alcoholism on sleep: a controlled study. *J Stud Alcohol* 2001; 62: 335-343.
33. Brower KJ: Alcohol's effects on sleep in alcoholics. *Alcohol Res Health* 2001; 25:110-125.
34. Robinson EAR, Brower KJ, Gomberg ESL: Explaining unexpected gender differences in hostility among persons seeking treatment for substance use disorders. *J Stud Alcohol* 2001; 62:667-674.
35. Brower KJ: Anabolic steroid abuse and dependence. *Curr Psychiatry Rep* 2002; 4: 377-387.
36. Strobbe S, Brower KJ, Galen LW: Predicting completion of outpatient opioid detoxification with clonidine. *Am J Addictions* 2003; 12:260-269.
37. Strobbe S, Brower KJ, Galen LW: Gender and outpatient detoxification from alcohol. *Journal of Addictions Nursing*, 2003; 14:19-25.
38. Brower KJ, Carey TL: Racially related health disparities and alcoholism treatment outcomes. *Alcohol Clin Exp Res*, 2003; 27:1365-1367.
39. Karam-Hage M, Brower KJ: An open pilot study of gabapentin vs. trazodone to treat insomnia in alcoholic outpatients. *Psychiatry Clin Neurosci* 2003; 57:542-544.
40. Brower KJ: Insomnia, alcoholism and relapse. *Sleep Med Rev* 2003; 7(6):523-539.
41. Robinson EAR, Brower KJ, Kurtz E: Life-changing experiences, spirituality and religiousness of persons entering alcohol treatment. *Alcoholism Treatment Quarterly* 2003; 21(4):3-16.
42. Strobbe S, Brower KJ, Galen LW: Patient satisfaction with outpatient detoxification from alcohol. *Journal of Addictions Nursing* 2004; 15:23-29.
43. Wong MM, Brower KJ, Fitzgerald HE, Zucker RA: Sleep problems in childhood and early onset of alcohol and other drug use in adolescence. *Alcohol Clin Exp Res* 2004; 28:578-587.
44. Kranzler HR, Wesson DR, Billot L, for the DAS Naltrexone Study Group\*\*: Naltrexone depot for treatment of alcohol dependence: a multi-center randomized, placebo-controlled clinical trial. *Alcohol Clin Exp Res* 2004; 28:1051-1059. (\*\*Principal Investigator for the University of Michigan site.)
45. Karam-Hage M, Pomerleau CS, Pomerleau OF, Brower KJ: Unaided smoking cessation among smokers in treatment for alcohol dependence. *Addictive*

46. Kranzler HR, Mueller T, Cornelius J, Pettinati HM, Moak D, Martin PR, Anthenelli R, Brower KJ, O'Malley S, Mason BJ, Hasin D, Keller M: Sertraline treatment of co-occurring alcohol dependence and major depression. *J Clin Psychopharmacol* 2006; 26:13-20.
47. Webb JR, Robinson EAR, Brower KJ, Zucker RA: Forgiveness and alcohol problems among people entering substance abuse treatment. *J Addictive Diseases* 2006; 25(3):55-67.
48. Conroy DA, Arnedt JT, Brower KJ, Stephen S, Consens F, Hoffmann R., Armitage R: Perception of sleep in recovering alcohol dependent patients with insomnia: relationship to future drinking. *Alcohol Clin Exp Res* 2006, 30:1992-99.
49. Wojnar M, Brower KJ, Jakubczyk A, Zmigrodzka I, Burmeister M, Matsumoto H, Wozny E, Silwerska E, Hegedus AM, Husar A, Slufarska A, Lipinski M, Zucker RA: Wpływ impulsywności, skłonności samobójczych oraz genów układu serotoninowego na wyniki leczenia uzależnienia od alkoholu. [Influence of impulsivity, suicidality and serotonin genes on treatment outcomes in alcohol dependence.] *Psychiatr Pol* 2006; 40:985-994.
50. Wojnar M, Brower KJ, Jakubczyk A, Żmigrodzka I, Burmeister M, Matsumoto H, Woźny E, Śliwerska E, Hegedus AM, Husar A, Ślusarska A, Lipiński M, Zucker RA: Influence of impulsivity, suicidality, and serotonin genes on treatment outcomes in alcohol dependence – a preliminary report. *Arch Psychiatr Psychother* 2007; 9 (3): 13-18.
51. Arnedt JT, Conroy D, Rutt J, Aloia MS, Brower K, Armitage R: An open trial of cognitive-behavioral treatment for insomnia co-morbid with alcohol dependence. *Sleep Medicine* 2007; 8:176-180.
52. Robinson EAR, Cranford JA, Webb JR, Brower KJ. Six-month changes in spirituality, religiousness, and heavy drinking in a treatment-seeking sample. *J. Stud. Alcohol Drugs* 2007; 68:282-290.
53. McCabe SE, Brower KJ, West BT, Nelson TF, and Wechsler H. Trends in non-medical use of anabolic steroids by U.S. college students: Results from four national surveys. *Drug Alcohol Depend*, 2007; 90:243-252.
54. Arnedt JT, Conroy DA, Brower KJ: Treatment options for sleep disturbances during alcohol recovery. *J Addict Dis* 2007; 26(4):41-54.
55. Forman R, Crits-Christoph P, Kaynak O, Worley M, Hantula DA, Kulaga A, Rotrosen J, Chu M, Gallop R, Potter J, Muchowski P, Brower K, Strobbe S, Magruder K, Chellis AH, Clodfelter T, Cawley M. A feasibility study of a web based performance improvement system for substance abuse treatment providers. *J Sub Abuse Treat*, 2007; 33:363-371.
56. Conroy D, Arnedt JT, Brower KJ: Insomnia in patients with addictions: A safer way to break the cycle. *Curr Psychiatry* 2008;7(5):97-109.
57. Brower KJ, Kim HM, Strobbe S, Karam-Hage MA, Consens F, Zucker RA. A

58. Wojnar M, Ilgen MA, Jakubczyk A, Wnorowska A, Klimkiewicz A, Brower KJ. Impulsive suicidal attempts predict post-treatment relapse in alcohol dependent patients. *Drug Alcohol Dep* 2008; 97:268-275.
59. Wojnar M, Ilgen MA, Wojnar J, McCammon RJ, Valenstein M, Brower KJ. Sleep problems and suicidality in the National Comorbidity Survey Replication. *J Psychiatr Res* 2009; 43: 526-531.
60. Wojnar M, Ilgen MA, Czyz E, Strobbe S, Klimkiewicz A, Jakubczyk A, Glass J, Brower KJ. Impulsive and non-impulsive suicide attempts in patients treated for alcohol dependence. *J Affect Disord* 2009; 115:131-139.
61. Wojnar M, Brower KJ, Strobbe S, Ilgen M, Matsumoto H, Nowosad I, Sliwerska E, Burmeister M. Association between Val66Met brain-derived neurotrophic factor (BDNF) gene polymorphism and post-treatment relapse in alcohol dependence. *Alcohol Clin Exp Res* 2009; 33:693-702.
62. Sharkey KM, Kurth ME, Corso RP, Brower KJ, Millman RP, Stein MD. Home polysomnography in methadone maintenance patients with subjective sleep complaints. *Am J Drug Alcohol Abuse* 2009; 35:178-182.
63. Kanayama G, Brower KJ, Wood RI, Hudson JI, Pope HG, Jr. Issues for DSM-V: clarifying the diagnostic criteria for anabolic-androgenic steroid dependence. *Am J Psychiatry* 2009; 166:642-645.
64. Wong MM, Brower KJ, Zucker RA. Childhood sleep problems, early onset of substance use and behavioral problems in adolescence. *Sleep Med*, in press.
65. Webb JR, Robinson EAR, Brower KJ. Forgiveness and mental health among people entering substance abuse treatment with alcohol problems. *Alcoholism Treatment Quarterly* (accepted 12/26/2008), in press.
66. Wojnar J, Brower KJ, Dopp R, Wojnar M, Emslie G, Rintelmann J, Hoffmann RF, Armitage, R. Sleep and body mass index in depressed children and healthy controls. *Sleep Med* (accepted 02-02-09), in press.
67. Wojnar M, Wojnar J, Brower KJ. [Alcoholism and sleep]. *Alkoholizm i Narkomania (Alkohol Narkom)* (accepted 04/05/09), in press.

### **Non-Peer-Reviewed Publications**

1. Brower KJ, Siegel RK: Hallucinogen-induced behaviors of freemoving chimpanzees. *Bulletin of the Psychonomic Society* 1977; 9:287-290.
2. Brower KJ, Paredes A: Cocaine withdrawal (letter). *Arch Gen Psychiatry* 1987; 44:297-298.

3. Brower KJ, Blow FC, Beresford TP: Forms of cocaine and psychiatric symptoms (letter). *Lancet* 1988; 1:50.
4. Beresford TP, Blow FC, Brower KJ, Modell JG, Kracht C: The problems of nosology in alcoholism treatment and research. *Drugs and Society* 1989; 3 (3/4): 95-111.
5. Brower KJ: Rehabilitation for anabolic-androgenic steroid dependence. *Clinical Sports Medicine* 1989; 1:171-181.
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