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PROFESSIONAL LICENSURE: Montana #3670
South Carolina #9129

BOARD CERTIFICATION: Board Certified in Psychiatric Pharmacy #4347

Education and Training

1989 - 1995 Bachelor of Science in Pharmacy, Magna Cum Laude
University of Georgia, Athens, GA

1996 - 1998 Doctor of Pharmacy, Honor Graduate
Medical University of South Carolina, Charleston, SC

1998 - 1999 ASHP Accredited Psychiatric Pharmacy Practice Residency
Medical University of South Carolina, Charleston, SC

1999 - 2001 National Institute on Drug Abuse Fellowship
Medical University of South Carolina, Charleston, SC

Professional Experience

1995 - 1996 Staff Pharmacist/Assistant Pharmacy Manager
Kroger Pharmacy, Lawrenceville, GA

1998 - 2001 Staff Pharmacist
Institute of Psychiatry Inpatient Pharmacy, Charleston, SC

2001 - 2007 Assistant Professor
Department of Psychiatry and Behavioral Sciences
Medical University of South Carolina, Charleston, SC

2003 – 2007	Clinical Assistant Professor Department of Pharmacy Practice Medical University of South Carolina, Charleston, SC
2008 – Present	Associate Professor Department of Psychiatry and Behavioral Sciences Medical University of South Carolina, Charleston, SC
2009 – Present	Associate Professor Department of Neuroscience Medical University of South Carolina

Teaching Experience

1998 - Present	Lecturer to Doctor of Pharmacy students
1998 - Present	Preceptor for B.S. and Doctor of Pharmacy students during clinical rotations for general psychiatry and substance abuse
1998 - 1999	In-services to Institute of Psychiatry nursing and medical staff including the following topics: AIDS pharmacotherapy, drug withdrawal, and SSRIs
1998 - 2001	Presentations to inpatients of the Department of Psychiatry, Center for Drug and Alcohol Programs on drug withdrawal, effects of alcohol on the body, and medication education
1998 - 2001	Presentations given to B.S. and Doctor of Pharmacy students during Psychiatric Pharmacy Practice Seminar
2000	Lecturer to psychology interns on psychopharmacology
2003 – Present	Discussion leader in AGME addictions fellowship directed reading series
2003 – 2004	Instructor in pharmacy student skills laboratory on psychiatric interviewing
1998 – 2001	Lecturer to Doctor of Pharmacy students
2001 - Present	Lecturer to psychiatric residents (PGY1, PGY3) on treatment of addictions
2001 – 2006	Preceptor for Doctor of Pharmacy students during clinical rotations for general psychiatry and substance abuse
2003 – 2007	Course instructor, CGS710 Ethical Scientific Practices I

2005 – Present	Discussant, Drug Abuse Research Training Seminar Series
2005 – 2006	Lecturer, Biology of Neurological and Neuropsychiatric Diseases course
2006 – 2007	Course Instructor, Doctoring Curriculum, College of Medicine

Specialized Trainings

2003	Motivational Interviewing Training for Native American Healthcare Professionals (Albuquerque, NM)
2003	Healing with Heart: Native American Spirituality and Substance Abuse (Athens, GA)

Grants and Contracts/Research Funding (Current)

2009 – 2014	Principal Investigator, 1 R01 DA026782 Bupirone Treatment for Marijuana Dependence NIDA
2006 – 2009	Principal Investigator Methylphenidate Patch in Former Stimulant Abusers Shire Pharmaceuticals
2007 – 2009	Principal Investigator, 1 R21 DA022424 Stress and Marijuana Cue-Elicited Craving and Reactivity NIDA
2009 – 2011	Co-Investigator, RC1 AA019019-01 Treatment Implications of Trauma Memory Modulation for PTSD & Alcohol Dependence NIAAA
2007 – 2012	Co-Investigator, R01DA021690-01A Interdisciplinary Medication Development for Multiple Risk Factors in Relapse NIDA
2006 – 2010	Co-Investigator, P20 DA022658 Translational Research in Addiction Center NIDA

- 2002 – 2012 Co-Investigator, SCOR on Sex and Gender Factors Affecting Women's Health Component
Gender Differences in Responses to Cues in Cocaine Dependence
ORWH/NIH
- 2005 – 2009 Co-Investigator, R01 DA019903
A Controlled Trial of NAC for Cocaine Dependence
NIDA
- 2006 – 2009 Co-Investigator, R21 DA020798
Contingency Management in Adolescent Marijuana Users
NIDA

Grants and Contracts/Research Funding (Past)

- 2002 – 2007 Principal Investigator, K23 DA015440
Career Training in Marijuana Dependence
NIDA
- 2003 – 2007 Principal Investigator
Aripiprazole in Schizophrenia with Comorbid Substance Dependence
Bristol-Myers Squibb
- 2005 – 2007 Principal Investigator, 1 R21 DA018221-01 A1
Atomoxetine Treatment of ADHD and Marijuana Dependence
NIDA
- 2004 – 2006 Co-Investigator
Atomoxetine Treatment of Adults with ADHD and Alcohol Abuse
Eli Lilly
- 2003 – 2005 Co-Investigator
Paroxetine Treatment in Outpatients with Comorbid PTSD and Substance Dependence
Glaxo Smith Kline
- 2000 – 2003 Co-Investigator, Alcohol Research Center Component
PTSD and Alcoholism: The Role of the HPA Axis
NIAAA
- 2001 – 2003 Co-Investigator
Comparison of Venlafaxine ER and Sertraline in PTSD
Wyeth-Ayerst Pharmaceuticals

1998 – 2000	Co-Investigator Buspirone Treatment of Methadone Maintained Patients with Anxiety Bristol-Myers Squibb Company
2000 – 2001	Co-Investigator Depakote in Impulsive Aggression Abbott Pharmaceuticals
2000 – 2002	Co-Investigator Nefazodone and Sertraline in the Treatment of PTSD Bristol-Myers Squibb Company

Other Research Experience

1995 - 1996	Principal Investigator Short-Term Nutritional Supplementation in a Nursing Home Population Unfunded
1999 - 2001	Principal Investigator Evaluation of Gateway Drug Use in a Native American Population Fellowship Project

Professional Organizations

1995 - 1996	National Association of Retail Druggists
1995 - 1996	Georgia Pharmaceutical Society
1997 - 1999	American Society of Health-System Pharmacists
1998 - Present	College of Psychiatric and Neurologic Pharmacists
2003 – Present	College on Problems of Drug Dependence
2003 – Present	International Cannabinoid Research Society

University Committee Memberships

University

2005 – Present	Women’s Scholars Initiative, Barriers to Progress Committee
2005 – Present	Office of Diversity, Native American Interest Group
2007 – Present	General Clinical Research Center Advisory Committee
2007 – Present	College of Medicine Admissions Interview Committee

Department

2003 – Present	Addiction Psychiatry Fellowship Education Committee
2005 – Present	Psychiatry Appointments, Promotions, and Tenure Committee
2008 – Present	Executive Research Committee

Division

2000 – 2004	Alcohol Research Center Steering Committee
2003 – Present	Women’s Research Center Steering Committee
2007 – Present	Building Interdisciplinary Research Careers in Women’s Health Advisory Committee

National Committee Memberships

2001 - 2003	Mentoring Task Force, College of Psychiatric and Neurologic Pharmacists
2009 – Present	Recertification Committee, College of Psychiatric and Neurologic Pharmacists
2009 – Present	Travel Awards and Mentoring Committee, College on Problems of Drug Dependence

Other Professional Activities

Reviewer for:	<i>Annals of Pharmacotherapy</i>
	<i>Archives of General Psychiatry</i>
	<i>Journal of Clinical Psychiatry</i>
	<i>The American Journal of Drug and Alcohol Abuse</i>
	<i>Journal of Studies on Alcohol</i>
	<i>Journal of Clinical Psychopharmacology</i>
	<i>Bipolar Disorders</i>
	<i>Human Psychopharmacology: Clinical and Experimental</i>
	<i>Alcoholism: Clinical and Experimental Research</i>

Book reviews:	<i>Pharmacology of Drugs of Abuse</i>
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Created module for HRSA-AMERSA/SAMHSA/CSAT Interdisciplinary Faculty Development Program in Substance Abuse Education syllabus

Reviewer, NIH Study Section (NIDA Medication Development Subcommittee)

Honors and Recognition

1990	Recipient of Harris Alumni Scholarship
1990	Recipient of Governor’s Scholarship
1993	Recipient of Robert C. Wilson Pharmacy Scholarship
1995	Recipient of Hope Scholarship
1995	Inducted into Golden Key National Honor Society
1995	Inducted into Rho Chi Pharmaceutical Honor Society
1996	Elected, Dean’s Honor Council, Medical University of South Carolina College of Pharmacy

1998	Honor Graduate, Medical University of South Carolina
2001	College on Problems of Drug Dependence Early Career Investigator Award
2002	Selected for participation in the "Future Leaders in Psychiatry" program
2002	NIDA Women and Gender Junior Investigator Travel Award
2002	Recipient of NIDA Mentored Career Development Award (K23)
2003	Accepted into NIH Clinical Research Loan Repayment Program

Community Involvement

1990 - 1995	Advisor, Georgia Model Senate program, Athens, GA
1995 - 1996	Volunteer, St. Mary's Hospital Emergency Department, Athens, GA
1997 - Present	Volunteer, Crisis Ministries Homeless Shelter, Charleston, SC
1998	Volunteer clinician, National Depression Screening Day
1999	Volunteer clinician, National Alcohol Screening Day
1999	Volunteer clinician, National Anxiety Screening Day
1999 - 2002	Volunteer, Indian Health Initiative, Ridgeville, SC
1999 - Present	Member, Crisis Ministries Homeless Shelter Medical Clinic Steering Committee, Charleston, SC
1999 - Present	Co-director, Crisis Ministries Homeless Shelter Pharmacy, Charleston, SC
2001 - 2002	Mentor, Communities in Schools
2002 - 2006	Member, Charitable Society of Charleston
2003 - 2005	Board of Directors, Charitable Society of Charleston
2005 - 2006	Volunteer, Big Brothers/Big Sisters
2006 - Present	Founding Member and Board of Directors, Charleston Charity
2008 - Present	Board of Directors, Camp Happy Days

Scientific Publications

McRae AL, Cooper JW. Use of non-aggressive short-term nutritional supplementation in a nursing home population. *Consultant Pharmacist* 1998;2:174-81.

McRae AL, Sonne SC. Opioid equivalency: a review. *Journal of Pharmacy Practice* 1998;11:394-405.

Markowitz JS, **McRae AL**, Sonne SC. A brief overview of oral nutritional supplementation in the alcoholic patient. *Annals of Clinical Psychiatry* 2000;12:153-8.

McRae AL, Brady KT. Review of sertraline and its clinical application in psychiatric disorders. *Expert Opinion on Pharmacotherapy* 2001;2:883-892.

McRae AL, Brady KT, Sonne SC. Alcohol and substance abuse. *Medical Clinics of North America* 2001;85:779-801.

McRae AL. Escitalopram. *Current Opinion in Investigational Drugs* 2002;3:1225-1229.

McRae AL, Labatte L. Aripiprazole: the latest antipsychotic. *International Drug Therapy Newsletter* 2003;38:25-30.

McRae AL, Budney AJ, Brady KT. Treatment of marijuana dependence: A review of the literature. *Journal of Substance Abuse Treatment* 2003;24:369-376.

McRae AL, Sonne SC, Brady KT, Durkalski V, Palesch Y. The use of buspirone for the treatment of anxiety in methadone-maintained individuals. *American Journal on Addictions* 2004;13:53-63.

McRae AL, Brady KT, Mellman TA, Sonne SC, Killeen TK, Timmerman MA, Bayles-Dazet W. A comparison of nefazodone and sertraline for the treatment of posttraumatic stress disorder. *Depression and Anxiety* 2004;19:190-196.

LaRowe SD, Mardikian P, Malcolm R, Myrick H, Kalivas P, McFarland K, Saladin M, **McRae A,** Brady K. Safety and tolerability of N-Acetylcysteine in cocaine-dependent individuals. *American Journal on Addictions* 2006;15:105-110. PMID: PMC1513138

Santa Ana EJ, Saladin ME, Back SE, Waldrop AE, Spratt EG, **McRae AL,** LaRowe SD, Timmerman MA, Upadhyaya H, Brady KT. PTSD and the HPA axis: Differences in response to the cold pressor task among individuals with child vs. adult trauma. *Psychoneuroendocrinology* 2006;31:501-509.

Brady KT, Waldrop AE, **McRae AL,** Back SE, Saladin ME, Upadhyaya HP, Anton RF, Randall PK. The impact of alcohol dependence and post-traumatic stress disorder on cold pressor task response. *Journal of Studies on Alcohol* 2006;67:700-706.

Brady KT, Back SE, Waldrop AE, **McRae AL,** Anton RF, Upadhyaya HP, Saladin ME, Randall PK. Cold pressor task reactivity: predictors of alcohol use among alcohol-dependent individuals with and without comorbid PTSD. *Alcoholism Clinical and Experimental Research* 2006;30:938-946.

McRae AL, Carter RE, Brady KT. Buspirone for treatment of marijuana dependence: a pilot study (letter). *American Journal on Addictions* 2006;15:404.

McRae AL, Saladin ME, Brady KT, Upadhyaya H, Back SE, Timmerman MA. Stress reactivity: Biological and subjective responses to the cold pressor and Trier Social stressors. *Human Psychopharmacology: Clinical and Experimental* 2006;21:377-385.

McRae AL, Hedden S, Malcolm RJ, Carter RE, Brady KT. Characteristics of cocaine- and marijuana-dependent individuals presenting for medication treatment trials. *Addictive Behaviors* 2007;32:1433-1440. PMID: PMC1925041

Verduin ML, Payne RA, **McRae AL**, Back SE, Simpson SA, Sarang RY, Brady KT. Assessment of club drug use in treatment-seeking individuals with marijuana dependence. *American Journal on Addictions* 2007;16:142-143.

LaRowe SD, Myrick H, Hedden S, Mardikian P, Saladin M, **McRae A**, Brady K, Kalivas PW, Malcolm R. Cocaine desire is reduced by N-acetylcysteine. *The American Journal of Psychiatry* 2007;164:1115-1117.

Waldrop AE, Back SE, Brady KT, Upadhyaya HP, **McRae AL**, Saladin, ME. Daily stressor sensitivity, abuse effects, and cocaine use in cocaine dependence. *Addictive Behaviors* 2007;32:3015-3-25. PMID: PMC2099298

Waldrop AE, Santa Ana EJ, Saladin ME, **McRae AL**, Brady KT. Differences in early onset alcohol use and heavy drinking among persons with childhood and adulthood trauma. *American Journal on Addictions* 2007;16(6):439-442.

Back SE, Waldrop AE, Saladin ME, Yeatts S, Simpson A, **McRae AL**, Upadhyaya H, Sisson RC, Spratt E, Allen J, Kreek MJ, Brady KT. Effects of gender and cigarette smoking on reactivity to psychological and pharmacological stress provocation. *Psychoneuroendocrinology* 2008;33(5):560-568. PMID: PMC2446474

Tolliver BK, **McRae AL**, Verduin ML, Anderson SJ, Brady KT. Reversible elevation of triglycerides in dual diagnosis patients taking aripiprazole: a case series. *Journal of Clinical Psychopharmacology* 2008;28(4):464-7.

Back SE, Brady KT, Waldrop AE, Yeatts SD, **McRae AL**, Spratt E. Early life trauma and sensitivity to current life stressors in individuals with and without cocaine dependence. *American Journal of Drug and Alcohol Abuse* 2008;34(4):389-96. PMID: PMC2692094

Brady KT, **McRae AL**, Moran-Santa Maria M, DeSantis SM, Simpson AN, Waldrop AE, Back SE, Kreek MJ. Response to CRH infusion in cocaine-dependent individuals. *Archives of General Psychiatry* 2009;66(4):422-30. PMID: PMC2696287

Spratt EG, Back SE, Yeatts SD, Simpson AN, **McRae-Clark AL**, Moran-Santa Maria MM, Price KL, Hartwell KT, Brady KT. Relationship between child abuse and adult smoking. *The International Journal of Psychiatry in Medicine* 2009;39(4):417-426.

McRae-Clark AL, Carter RE, Killeen TK, Carpenter MJ, Wahlquist AE, Simpson SA, Brady KT. A placebo-controlled trial of buspirone for the treatment of marijuana dependence. *Drug Alcohol Dependence* 2009;105(1-2):132-8. PMID: PMC2789590

Price KL, **McRae-Clark AL**, Saladin ME, Moran-Santa Maria MM, Brady KT. D-cycloserine and cocaine cue reactivity: preliminary findings. *Am J Drug Alcohol Abuse* 2009;35(6):434-8. PMID: PMC2805418

Tolliver BK, **McRae AL**, Sonne SC, Brady KT. Safety and tolerability of acamprosate in alcohol-dependent individuals with bipolar disorder: An open label pilot study. *Addictive Disorders and Their Treatment* 2009;8(1):33-38.

McRae-Clark AL, Verduin ML, Tolliver BK, Wahlquist AE, Brady KT, Cluver JS. An open-label trial of aripiprazole treatment in dual diagnosis individuals: Safety and efficacy. *Journal of Dual Diagnosis* 2009; 5(1)83-96.

Back SE, Hartwell K, DeSantis SM, Saladin M, **McRae-Clark AL**, Price K, Moran-Santa Maria M, Baker NL, Kreek MJ, Brady KT. Reactivity to laboratory stress provocation predicts relapse to cocaine. *Drug Alcohol Dependence* 2010;106(1):21-7. PMID: PMC2815094

Tolliver BK, **McRae AL**, Saladin ME, Price K, DeSantis SM, Simpson AN, Baker NL, Brady KT. Determinants of cue-elicited craving and physiologic reactivity in methamphetamine-dependent subjects in the laboratory. *The American Journal of Drug and Alcohol Abuse* 2010;36(2):106-13.

Waldrop AE, Price KL, DeSantis SM, Simpson AN, Back SE, **McRae-Clark AL**, Spratt E, Kreek MJ, Brady KT. Community-dwelling cocaine-dependent men and women respond differently to social stressors versus cocaine cues. *Psychoneuroendocrinology* (in press).

McRae AL, Verduin ML, Tolliver BK, Carter RE, Anderson SJ, Herrin AE, Brady KT. Safety and efficacy of aripiprazole in dually diagnosed individuals. *Journal of Dual Diagnosis* (in press).

McRae-Clark AL, Carter RE, Killeen TK, Carpenter MJ, White KG, Brady KT. A placebo-controlled trial of atomoxetine in marijuana-dependent individuals with attention deficit hyperactivity disorder. *American Journal on Addictions* (in press).

McRae-Clark AL, Brady KT, Hartwell KJ, White K, Carter RE. Methylphenidate transdermal system in adults with past stimulant misuse: An open-label trial. *Journal of Attention Disorders* (in press).

Book chapters

Sonne SC, **McRae AL**. Drugs Used in the Treatment of Alcoholism and Other Drug Use Disorders, In: E. Gallen (Ed.) *Professional's Handbook of Psychotropic Drugs*. Springhouse Publishing Corporation, 2001.

McRae AL, Brady KT. Opioid Receptor Agonists: Methadone, Levomethadyl, and Buprenorphine. In: B. Sadock and V. Sadock (Eds.) *Kaplan & Sadock's Comprehensive Textbook of Psychiatry, 8th Edition*. Lippincott Williams & Wilkins, 2005.

McRae-Clark AL, Price KL. Women and Marijuana Dependence: Issues and Opportunities. In: K.T. Brady et al (Eds.) *Women and Addiction: A Comprehensive Handbook* (pp. 396-406). Guilford Publications, 2009.

Saxon AJ, **McRae-Clark AL**, Brady KT. Opioid Receptor Agonists: Methadone and Buprenorphine. In: B. Sadock, V. Sadock, P. Ruiz (Eds.) *Kaplan & Sadock's Comprehensive Textbook of Psychiatry, 9th Edition* (pp. 3171-3176). Lippincott Williams & Wilkins, 2009.

Published abstracts

McRae AL, Sonne SC, Brady KT. (2000, June) The use of buspirone for the treatment of persistent anxiety in methadone-maintained patients. Presented at the College on Problems of Drug Dependence 62nd Annual Scientific Meeting, San Juan, Puerto Rico.

McRae AL and Brady KT. (2001, June) Evaluation of drug use patterns in a Native American population. Presented at the College on Problems of Drug Dependence 63rd Annual Scientific Meeting, Scottsdale, AZ. *Drug and Alcohol Dependence*. 2001; 63(Suppl 1):S103.

Brady KT, Sonne SC, Latham P, **McRae AL**, Voronin K, Anton RF, Liao J. (2001, June) Neuroendocrine responses in alcoholics with and without PTSD. Presented at the Research Society on Alcoholism Annual Scientific Meeting, Montreal, Canada.

McRae AL, Brady KT, Timmerman MA, Upadhyaya H, Saladin M, Durazo R. (2002, June) Gender differences in response to the cold pressor test. Presented at the College on Problems of Drug Dependence 64th Annual Scientific Meeting, Quebec, Canada. *Drug and Alcohol Dependence*. 2002; 66(Suppl 1):S116.

Back SE, **McRae AL**, Brady KT, Anton RF, Randall CL, Timmerman MA. (2002, June) Relationship between stress reactivity and subsequent alcohol use. Presented at the College on Problems of Drug Dependence 64th Annual Scientific Meeting, Quebec, Canada. *Drug and Alcohol Dependence*. 2002; 66(Suppl 1):S8.

McRae AL, Brady KT, Saladin M, Upadhyaya H. (2002, July) Stress response in comorbid alcoholism and PTSD. Presented at the Research Society on Alcoholism Annual Scientific Meeting, San Francisco, CA. *Alcoholism*. 2002; 26(5):146A.

McRae AL, Brady KT, Timmerman MA, Upadhyaya H, Saladin M, Mundis B. (2003, June) Biologic and subjective responses to the cold pressor and Trier social stressors. Presented at the College on Problems of Drug Dependence 65th Annual Scientific Meeting, Miami, FL.

Larowe SD, **McRae AL**, Brady KT, Timmerman MA. (2003, June) Gender differences across measures of physiology in those with alcohol dependence or PTSD during a cold pressor task. Presented at the Research Society on Alcoholism Annual Scientific Meeting, Miami, FL.

McRae AL, Brady KT, Upadhyaya H, Saladin ME, Ferrell EM, Timmerman MA, Waldrop A. (2004, June) Gender differences in response to cues in cocaine dependence. Presented at the College on Problems of Drug Dependence 66th Annual Scientific Meeting, San Juan, PR.

Back SE, Brady KT, **McRae AL**, Randall CL, Anton RF. (2004, June) Alcohol dependence and PTSD: Subjective and biological stress reactivity. Presented at the College on Problems of Drug Dependence 66th Annual Scientific Meeting, San Juan, PR.

Santa Ana E, Saladin M, Spratt EG, Timmerman MA, Brady KT, **McRae AL**, Waldrop AE. (2004, June) Trauma-specific factors and stress responding in comorbid PTSD and substance use disorder. Presented at the College on Problems of Drug Dependence 66th Annual Scientific Meeting, San Juan, PR.

McRae AL, Brady KT, Back SE, Waldrop AE, Upadhyaya H, Saladin ME, Sensenig AE. (2005, June) Subjective stress reactivity before and after cold pressor task in individuals with substance dependence and PTSD. Presented at the College on Problems of Drug Dependence 67th Annual Scientific Meeting, Orlando, FL.

Sonne SC, Back S, Killeen TK, **McRae AL**, Brady KT. (2005, June) Paxil CR versus placebo in the treatment of outpatients with comorbid PTSD and substance dependence. Presented at the College on Problems of Drug Dependence 67th Annual Scientific Meeting, Orlando, FL.

McRae AL, Brady KT, Carter RE. (2005, August) Comparison of self-report and semi-quantitative urine drug screen results in marijuana-dependent individuals. Presented at the NIDA K-Awardees Meeting, Washington DC.

McRae AL, Hedden SL, Malcolm RJ, Carter RE, Brady KT. (2006, June) A comparison of cocaine- and marijuana-dependent subjects presenting for medication treatment trials. Presented at the College on Problems of Drug Dependence Annual Meeting, Scottsdale, AZ.

Verduin ML, **McRae AL**, Sarang RJ, Back SE, Simpson SA, Brady KT. (2006, June) Assessment of club drug use in treatment-seeking individuals with marijuana dependence. Presented at the College on Problems of Drug Dependence Annual Meeting, Scottsdale, AZ.

Waldrop AE, Back SE, Brady KT, Upadhyaya HP, **McRae AL**, Saladin ME. (2006, June) Daily stressor sensitivity, abuse effects, and cocaine use in cocaine dependence: Gender differences. Presented at the College on Problems of Drug Dependence Annual Meeting, Scottsdale, AZ.

Sonne SC, Waldrop AE, Back SE, Killeen TK, **McRae AL**, Brady KT. (2006, June) Paxil CR versus placebo in the treatment of outpatients with comorbid PTSD and substance dependence. Presented at the College on Problems of Drug Dependence Annual Meeting, Scottsdale, AZ.

McRae AL, Carter RE, Brady KT. (2006, November) Use of self-report and urine drug screen results in clinical research with marijuana-dependent individuals. Presented at the International Cannabinoid Research Society Symposium, Tihany, Budapest.

Waldrop AE, Back SE, **McRae A**, Spratt E, Brady KT. (2006, November) Relationships of negative life events to cocaine cue and stressor responses in cocaine dependence. Presented at the 22nd Annual Meeting of the International Society for Traumatic Stress Studies, Hollywood, CA.

Back S, Waldrop A, Upadhyaya H, **McRae A**, Saladin M, Yeatts S, Verduin M, Spratt E, Brady KT. (2006, November) Effects of smoking and gender on neuroendocrine and subjective stress responses. Presented at the 22nd Annual Meeting of the International Society for Traumatic Stress Studies, Hollywood, CA.

McRae AL, Brady KT, Waldrop AE, Upadhyaya HU, Yeatts SD. (2006, December) An evaluation of gender differences in response to cues in cocaine-dependent individuals. Presented at the American College of Neuropsychopharmacology Annual Meeting, Hollywood, FL.

McRae AL, Carter RE, Simpson SA, Anderson AJ, Herrin AE, Brady KT. (2007, June) Baseline predictors for continuation to medication treatment for marijuana-dependent individuals. Presented at the College of Problems on Drug Dependence Annual Meeting, Quebec City, Quebec.

Verduin ML, **McRae AL**, Tolliver BK, Herrin AE, Carter RE, Brady KT. (2007, June) Efficacy of aripiprazole in patients with substance use disorders. Presented at the College of Problems on Drug Dependence Annual Meeting, Quebec City, Quebec.

Tolliver BK, **McRae AL**, Verduin ML, Anderson SJ, Herrin AE, Carter RE, Brady KT. (2007, June) A comparison of the efficacy of aripiprazole on psychiatric and substance use outcomes in bipolar and schizophrenic patients. Presented at the College of Problems on Drug Dependence Annual Meeting, Quebec City, Quebec.

Brady KT, **McRae AL**, Back SE, Waldrop AE, Saladin ME, Yeatts SD. (2007, June) Gender differences in response to stress and cues in cocaine-dependent individuals. Presented at the College of Problems on Drug Dependence Annual Meeting, Quebec City, Quebec.

McRae AL, Carter RE, Killeen TK, Carpenter MJ, Simpson SA, Brady KT. (2008, June) A placebo-controlled trial of buspirone in marijuana-dependent individuals. Presented at the College on Problems of Drug Dependence Annual Meeting, San Juan, PR.

Brady KT, **McRae AL**, Saladin ME, Moran MM, Price KL. (2008, June) D-Cycloserine and cocaine cue extinction. Presented at the College on Problems of Drug Dependence Annual Meeting, San Juan, PR.

Killeen T, Upadhaya HP, **McRae AL**, Waldrop A, Brown C, Brady KT. (2008, June) Contingency management for community treatment seeking adolescents with marijuana use disorders. Presented at the College on Problems of Drug Dependence Annual Meeting, San Juan.

Moran-Santa Maria MM, **McRae AL**, Back SE, DeSantis SM, Simpson AN, Price KL, Spratt E, Brady KT. (2008, December) Influence of cocaine dependence and early childhood trauma on neuroendocrine responding to pharmacological and psychosocial stress tasks. Presented at the American College of Neuropsychopharmacology Annual Meeting, Scottsdale, Arizona.

Tolliver BK, **McRae AL**, Saladin ME, Price KL, Chapman E, Tyson C, Brady KT. (2008, December) Methodological factors in measuring induction and cue-induced craving in human methamphetamine users. Presented at the American College of Neuropsychopharmacology Annual Meeting, Hollywood, Florida.

Price KL, **McRae-Clark AL**, Saladin ME, Carter RE, Brady KT. (2009, June) Gender differences in response to stress and marijuana cues in marijuana-dependent individuals. Presented at the Organization for the Study of Sex Differences Annual Meeting, Toronto, ON, Canada.

McRae-Clark AL, Carter RE, Killeen TK, Carpenter MJ, Brady KT. (2009, June) A placebo-controlled trial of atomoxetine in marijuana-dependent adults with ADHD. Presented at the College of Problems on Drug Dependence Annual Meeting, Reno/Sparks, NV.

Tolliver BK, Saladin M, **McRae AL**, Price KL, Chapman E, DeSantis S, Brady KT. (2009, June) Predictors of cue-induced craving for methamphetamine in subjects with recent methamphetamine abuse or dependence. Presented at the College of Problems on Drug Dependence Annual Meeting, Reno/Sparks, NV.

Moran-Santa Maria MM, Feltenstein MW, **McRae AL**, Back SE, DeSantis SM, Price KL, Brady KT. (2009, June) Ovarian hormones and subjective responding to stress and cues in cocaine-dependent females. Presented at the College of Problems on Drug Dependence Annual Meeting, Reno/Sparks, NV.

Presentations

“Use of Non-Aggressive Short-Term Nutritional Supplementation in a Nursing Home Population,” Southeastern Residency Conference, May 1996.

“Factors Affecting Drug Delivery from Metered Dose Inhalers in Mechanically Ventilated Patients,” Doctoral Project Presentation, April 1997.

“The Use of Immune-Modulating Enteral Nutrition in Critically Ill Patients,” Pharmacy Grand Rounds, September 1997.

“Pharmacotherapy of Alcoholism,” Pharmacy Grand Rounds, January 1998.

“Psychopharmacology of Addictions Workshop,” 19th Annual Symposium for Mental Health/Developmental Delay/Substance Abuse Practitioners, February 1999.

“Pharmacotherapy of Opioid Addiction,” Residency Seminar, March 1999.

“The Use of Buspirone for the Treatment of Persistent Anxiety in Methadone-Maintained Individuals,” Southeastern Residency Conference, April 1999.

“Update on the Treatment of Anxiety Disorders,” Nurses Learning Institute Psychopharmacology Update, December 1999.

“Buspirone for Treatment of Anxiety in Methadone-Maintained Patients,” College on Problems of Drug Dependence 62nd Annual Scientific Meeting, June 2000.

“PTSD and Substance Abuse Comorbidity,” Central New York Addiction Psychiatry Conference, October 2000.

“Diagnosing and Treating PTSD,” Greenville Memorial Hospital Grand Rounds, February 2002.

“Neurobiology of Stress and Substance Abuse,” South Carolina Department of Mental Health Trauma Conference, April 2002.

“New Uses for Anticonvulsants,” 23rd National Symposium for Psychiatric Practitioners, February 2003.

“Pharmacological Treatment of Marijuana Dependence,” University of Washington, May 2003.

“Evidence-Based Treatments for Marijuana Dependence,” National Institute on Drug Abuse Medications Development for Cannabis Dependence Consultant Meeting, April 2004.

“Translational Research in Methamphetamine Dependence,” Medical University of South Carolina GCRC Seminar Series, November 2006.

“Neurobiology of and Evidenced-Based Treatments for Posttraumatic Stress Disorder,” Advances in Psychopharmacology, Salt Lake City, December 2006.

“Neurobiology of Posttraumatic Stress Disorder,” Medical College of Georgia Grand Rounds, January 2007.

“Substance Use and Schizophrenia,” Southeast Schizophrenia Conference, October 2007.

“Buspirone for the Treatment of Marijuana Dependence,” National Institute on Drug Abuse Medications Development for Cannabis Dependence Consultant Meeting, February 2008.

“Medication Development for the Treatment of Cannabis Dependence,” University of Montana, May 2008.

“Male-Female Differences in Stress Responses in Drug-Dependent Individuals,” American Psychological Association, August 2008.