

CURRICULUM VITAE

Name: Sarah W Book
Home Address: 1569 Montclair Street, Charleston, SC 29407
Office Address: 67 President Street, Charleston SC 29425
Citizenship: USA

Birth Date: April 5, 1964
Phone: 843-225-2979
Phone: 843-792-9110
Facsimile: 843-792-7353

Education:

<u>Institution/Location</u>	<u>Years</u>	<u>Degree/Date</u>	<u>Field of Study</u>
The Johns Hopkins University	1983-1987	B.A. May 1987	Biology
U.M.D.N.J. Medical School	1987-1989	No degree	(transferred to Duke)
Duke University School of Medicine	1989-1991	M.D. May 1991	Medicine
Medical University of South Carolina	2003-2005	M.S.C.R. May 2005	Clinical Research

Residency: Duke University Medical Center 1991-1995 Psychiatry
Fellowship: Medical University of South Carolina 1995-1997 Anxiety Disorders

Board Certification:

Psychiatry (American Board of Psychiatry and Neurology) Nov. 1997
Addiction Medicine (American Society of Addiction Med.) Nov. 2002
Maintenance of Psychiatry Certification Mar. 2007

Licensure:

N.C. License to Practice the Science of Medicine Jan. 1994
S.C. License to Practice Medicine and Surgery July 1995

Faculty Appointment:

<u>Years</u>	<u>Rank</u>	<u>Institution</u>	<u>Department</u>
1996-1997	Research Associate	M.U.S.C.	Psychiatry
1997-2001	Research Assistant Professor	M.U.S.C.	Psychiatry
2001-2007	Assistant Professor	M.U.S.C.	Psychiatry
2008-present	Associate Professor	M.U.S.C.	Psychiatry

Hospital Appointments/Privileges:

<u>Years</u>	<u>Active/Inactive</u>	<u>Institution</u>
1996-present	Active	M.U.S.C.

Membership in professional/scientific societies:

National Societies

American Psychiatric Association
American Society of Addiction Medicine
Research Society on Alcoholism
Anxiety Disorders Association of America

Local Societies

South Carolina Psychiatric Association

Extramural Grants/award amount (current and past):

As Principal Investigator (% time)

Pilot Funding Award from Medical University of South Carolina's Department of Psychiatry and Behavioral Sciences "Oldham Research Fund" entitled "Project Biomarker Feedback" (20% time) August 2008-May 2009

K23 AA014430 Mentored Patient Oriented Research Career Development Award (K23) from National Institute on Alcohol Abuse and Alcoholism (NIAAA) entitled "Training in Comorbidity of Alcoholism and Mental Illness" Mentor: Carrie L. Randall Ph.D. (75% time): September 2003-December 2008

As Co-Principal Investigator (% time)

R01 AA013379 (Carrie Randall, PI) NIAAA, entitled "Phased Treatment for Social Anxiety and Hazardous Drinking" (35% time) September 2008-August 2012

As Co-Investigator (% time)

P50 AA010761 (Carrie Randall, PI) NIAAA, entitled "Alcohol Research Center – Treatment and Implications" (10% time) December 2005-December 2010

R21 AA014430 (Suzanne Thomas, PI) NIAAA entitled "Stress and Subsequent Drinking in Individuals with Different Drinking Motives (10% time) August 2007-September 2009

R01 AA013379 (Carrie Randall, PI) NIAAA, entitled "Paroxetine for Comorbid Social Anxiety Disorder and Alcoholism" (10% time) March 2002-February 2008

R21 AA015065 (Peter Miller and Suzanne Thomas, Co-PIs) NIAAA, entitled "Adoption of Pharmacotherapy in Alcoholism Treatment" (10% time) September 2004-August 2006

EFC 4796 (Robert Malcolm, PI) Sanofi-Synthelabo Research, entitled "Comparison of the Efficacy and Safety of Two Oral Doses of Rimonabant versus Placebo as an Aid to Prevention of Relapse to Smoking" (5% time) 2002-2005

Awards, Honors, Membership in Honorary Societies:

June 2001	Psychiatry Golden Apple Award for Outstanding Teacher in the Third Year Medical Students' Psychiatry Clerkship
June 2003	Selected for Future Leaders in Psychiatry Program, West Palm Beach, FL
October 2003	Selected as "Junior Scholar" in Alcohol Medical Scholars Program, Marc A. Schuckit MD, Director
June 2004	Clinical Research Curriculum Award (K30)
October 2004	"Senior Scholar" in Alcohol Medical Scholars Program; Marc A. Schuckit MD, Director
April 2006	Commendation from Administrator of Institute of Psychiatry (Joan Herbert M.S., R.N.) for successfully building clinical collaboration with South Carolina Recovering Professionals Program
March 2007	Invited Alcohol Medical Scholar Alumna to speak at Semi-annual meeting of Alcohol Medical Scholar Program; Marc A. Schuckit, Director
April 2008	Commendation from Director of MUSC's Psychiatry Resident's PGY III Seminar (Amy VandenBerg PharmD) for "bringing together clinical service, research, and education" in a seminar experience for residents

Academic Committee Activities (past 5 years):

University

October 2008 -present	College of Medicine, Clinical Science representative to Faculty Senate
November 2008-present	Member, Governance Committee of Faculty Senate

College

September 2008- present	Member, College of Medicine Medical Student Selection Committee
June 2001 -present	Interviewer for College of Medicine Medical Student Selection Committee
October 2001- May 2005	Advisor for Third and Fourth Year Medical Students
August 2008- present	Community Physician Liason for First Year Medical Students
August 2008-present	MEDCOM Faculty Facilitator for Second Year Medical Students

Department

October 1999 – present	Psychiatry Residency Selection Committee
October 1999 - 2004	Stanley Foundation Award Selection Committee
October 2001 – 2005	Medical Student Education Committee
October 2001 – present	Addiction Fellowship Selection Committee
September 2008- present	Chairman’s committee to promote research in the Psychiatry Residency
February 2009- Present	Psychiatry Resident Curriculum Committee
March 2009-Present	Coordinator of PGY 2 Didactic Curriculum

Division

July 2003 – December 2007	Center for Drug and Alcohol Program’s (CDAP) Data Safety Monitoring Board
April 2004 – March 2005	CDAP’s Research Incentive Policy Review Committee
September 2006 – present	Data Safety Monitoring Board for Robert Malcolm MD
January 2007- January 2008	Data Safety Monitoring Board for Ray Anton, MD

Major Teaching Responsibilities (Current):

Undergraduate Medical Education

Small group facilitator “Fundamentals of Patient Care”	First year medical students
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Weekly 1:1 Shadowing and Teaching in behavioral health clinic Third year medical students

Graduate Medical Education

Annual lecture on treatment of anxiety	PGY 2 Psychiatry Residents
Annual lecture on social anxiety disorder	PGY 2 Psychiatry Residents
PGY 2 Clinical Supervision and Mentoring	Tal Herbsman, MD (2006-2007), Andrea Maxwell MD (2007-2008)
PGY 3 Clinical Supervision and Mentoring	Andrea Maxwell MD (2008-2009)
PGY 4 Clinical Supervision and Mentoring	Rebecca Payne MD (2008-2009)
Addiction Fellow Supervision and Mentoring	Karen Hartwell MD (2006-2007), Bryan Tolliver PhD, MD (2007-2008), Terri Randall MD (2007-2008)
Buprenorphine Educator	PGY 1-4 residents, May 2009

Continuing Medical Education

Practice Pearls in Addictionology	CME Program for Physician Assistants sponsored by College of Health Professions
Treating Opiate Addiction: The MUSC Experience with Buprenorphine”	Day of Discovery for Charleston Community sponsored by MUSC’s Department of Psychiatry and Behavioral Sciences
Drug Abuse in the Healthcare Worker: Recognition, Rights and Responsibilities	Neonatal Pharmacology Conference Sponsored by MUSC College of Nursing

Major Clinical Interests and Responsibilities:

Treatment of drug and/or alcohol dependence with co-occurring mental illness	Maintains full clinical load in outpatient treatment program. Consistently exceeds productivity goals set by Clinical Enterprise of Department of Psychiatry
Opiate replacement therapy for opiate dependence	Initiated first clinical program in Charleston County using buprenorphine, an FDA approved medication for office based opiate replacement therapy. Started in 2004, the program has evaluated and treated over 100 patients and is a model of clinical productivity within the Clinical Enterprise of the Department of Psychiatry. Three physicians and three Master level therapists currently see patients within the program initiated by Dr. Book
Evaluation and Treatment of Recovering Professionals	As contact physician for the South Carolina Recovering Professionals Program (SCRPP), provides addiction and psychiatric evaluations of physicians, nurses, pharmacists and veterinarians licensed by South Carolina, who are suspected of impairment. Provides testimony to the SC Medical Board when privilege of licensure is in question. Maintains availability to MUSC administrators for timely evaluations of Members of Medical Staff who are suspected of impairment by drugs or alcohol.

Submitted 1st Author presentations

<u>Presentation</u>	<u>Meeting</u>	<u>Location</u>
Treating Alcoholics with a Co-Occurring	Anxiety Disorders Association of	Miami, FL

Anxiety Disorder: A Markov Model to Predict Long Term Health Care Cost (oral presentation)	America, Annual Meeting	March 2006
Pharmacological Treatment of Socially Anxious Individuals with Co-Occurring Alcohol Use Disorders (oral presentation)	Research Society on Alcoholism Annual Meeting	Chicago, IL July 2007
Impact of Social Anxiety on Addiction Treatment: The Client's Perspective (poster presentation)	Research Society on Alcoholism Annual Meeting	Washington, DC July 2008
M.U.S.C's Drug Abuse Research Training Program (DART): A Model For Training Successful Addiction Research Scientists	Research Society on Alcoholism Annual Meeting	San Diego, CA June, 2009

Extramural Professional Activities- Community Service

Presentation on Adolescent Drug Use Mentor for Senior Thesis "Sharing The Lives of People With Schizophrenia", by Hannah Ward	Addlestone Hebrew Academy PTA, May 2007 Academic Magnet High School, January 2008-November 2008
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Publications: Number and list in chronological order publications under the following headings in the order shown.

Peer Reviewed Journal Articles: Published or accepted for publication in final form

1. Muly EC, McDonald W, Steffens D, Book SW. Serotonin Syndrome Produced by a Combination of Fluoxetine and Lithium. (letter) *Am J Psychiatry* 1993;150:1565.
2. Potts NLS, Book SW, Davidson JRT. The Neurobiology of Social Phobia *International Clinical Psychopharmacology* 1996;11(Suppl 3):43B48.
3. Davidson JRT, Book SW, Colket JT, Tupler LA, Roth S, David D, Hertzberg M, Mellman T, Beckham JC, Smith RD, Davison RM, Katz R, Feldman ME. Assessment of a New Self Rating Scale for Post-Traumatic Stress Disorder: The Davidson Trauma Scale. *Psychological Medicine*. 1997;27:153B160.
4. Connor KM, Davidson JRT, Potts NLS, Tupler LA, Miner CM, Malik ML, Book SW, Colket JT, Ferrell F. *Discontinuation of clonazepam in the treatment of social phobia* *Journal of Clinical Psychopharmacology* 18(5): 373-378, 1998.
5. Lorberbaum JP, Newman JD, Dubno JR, Horwitz AR, Nahas Z, Teneback CC, Bloomer CW, Bohning DE, Vincent D, Johnson MR, Emmanuel N, Brawman-Mintzer O, Book SW, Lydiard RB, Ballenger JC, George MS. *Feasibility of using fMRI to study mothers responding to infant cries*. *Depression & Anxiety* 10(3): 99-104, 1999.
6. Emmanuel NP, Brawman-Mintzer O, Morton WA, Book SW, Johnson MR, Lorberbaum JP, Ballenger JC, Lydiard RB, *Bupropion-SR in treatment of social phobia*. *Depression & Anxiety* 12(2):111-113, 2000.
7. Malcolm R, Book SW, Moak DH, Devane L, Czepowicz V. Clinical applications of modafinil in stimulant abusers: low abuse potential. *American Journal on Addictions*. 11(3); 247-249, 2002.
8. Book S, Randall C. Social Anxiety and Alcohol Use Disorders. *Alcohol Research and Health* 26(2):130-135, 2002.
9. Book SW, Myrick H; Novel Anticonvulsants in the Treatment of Alcoholism. *Expert Opinion on Investigational Drugs*,14(4):371-376, 2005.
10. Book SW, Boehm RS, Simpson K; Treating Alcoholics With Co-Occurring Anxiety: A Markov Model to Predict Long Term Costs. *Journal of Dual Diagnosis*. 1(4): 53-62, 2005.

11. Book SW, Myrick H.; The Diagnosis and Treatment of Substance Abuse/Dependence and Co-Occurring Social Anxiety Disorder; *Psychiatric Times* 23(1): 42-43; 2006.
12. Book SW, Myrick H, Malcolm R, Strain EC; Buprenorphine for post-operative pain following general surgery in a buprenorphine-maintained patient; *American Journal of Psychiatry* 164(6): 979, 2007.
13. Kushner MG, Frye B, Donahue C, Book SW & Randall CL. Which to treat first: Comorbid anxiety or alcohol disorder? *Current Psychiatry* 6(8): 55-64, 2007.
14. Book SW, Thomas SE, Randall PK, Randall CL; Paroxetine reduces social anxiety in individuals with a co-occurring alcohol use disorder; *Journal of Anxiety Disorders*; 22:310-318; 2008.
15. Thomas SE, Randall PK, Book SW, Randall CL; A Complex Relationship between social anxiety and alcohol use disorders: what effect does treating social anxiety have on drinking? *Alcoholism: Clinical and Experimental Research*; 32:77-84; 2008.
16. Dempsey JP, , Randall PK, Thomas S E , Book SW; Carrigan MH Treatment of Social Anxiety with Paroxetine: Mediation of Changes in Anxiety and Depression Symptoms; *Comprehensive Psychiatry*, 50(2):135-141, 2009
17. Smith JP, Book SW; Comorbidity of Generalized Anxiety Disorder and Alcohol Use Disorders among Individuals Seeking Outpatient Substance Abuse Treatment, Submitted 2008.
18. Smith JP, Book SW; Anxiety and substance use disorders: a review. *Perspectives in Psychiatry: a clinical update*, supplement to *Psychiatric Times*, 10-23, 2008
19. Book SW, Thomas SE., Dempsey JP., Randall PK., Randall CL.; Social anxiety impacts willingness to participate in addiction treatment , In Press *Addictive Behaviors* 2009.
20. Thomas SE, Miller PM, Randall PK, Book SW; Improving acceptance of naltrexone in community addiction treatment centers: A pilot study, In Press *Journal of Substance Abuse Treatment*, 2008

Non- Peer Reviewed: Published non-peer reviewed journal articles

1. Book SW, Brawman-Mintzer O, Lydiard RB. Premenstrual Dysphoric Disorder: Serotonin and SSRIs. *Int Psych Today* October, 1997, Vol. 6, Number 4.

Chapters in Scholarly Books and Monographs

1. Book SW, Villarreal G, Brawman-Mintzer O, George MS, Lydiard RB. Neuroimaging in Obsessive Compulsive Disorder. Brain Imaging in Clinical Psychiatry. Krishnan KRR, Doraiswamy PM, eds. Marcel Decker, Inc.: New York. 1997.
2. Randall CL., Book SW., Carrigan MH., Thomas SE. Treatment of Co-Occurring Alcoholism and Social Anxiety Disorder; Anxiety and Substance Use Disorders: The Vicious Cycle of Comorbidity; Stewart SH, Conrad PJ eds; Springer, New York, 2008.