

RASHELLE BROWN HAYES

CONTACT INFORMATION

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CURRENT ACADEMIC RANK AND POSITION

- 12/10 - present **Assistant Professor**, Department of Medicine, Division of Preventive and Behavioral Medicine, University of Massachusetts Medical School
- 1/15 - present **Staff Psychologist**, Department of Psychiatry, Division of Health Psychology, University of Massachusetts Medical School
- 4/15 (pending) **Adjunct Faculty**, Graduate Studies, Psychology, Southern New Hampshire University,

CLINICAL LICENSURE

- 2014 - present Licensed Psychologist Health Service Provider, Commonwealth of Massachusetts
- 2014 - present Licensed Psychologist, State of Rhode Island Department of Health
- 2014 - present National Register of Health Service Psychologists

EDUCATION & TRAINING

Certificate 10/2013	Motivational Interviewing Trainer	Motivational Interviewing Network of Trainers (MINT) Completed training requirements Krakow, Poland
Ph.D. 08/2007	Clinical Psychology Track: Behavioral Medicine	Virginia Commonwealth University (APA accredited) Richmond, VA Dissertation: Intrapersonal Grief as a Clinical Entity Distinct from Depression (Chair: Scott Vrana, Ph.D.)
M.S. 05/2004	Clinical Psychology Track: Behavioral Medicine	Virginia Commonwealth University (APA accredited) Richmond, VA Thesis: Affect and self-focused Attention: The role of the arousal dimension of emotion (Mentor: Scott Vrana, PhD)

Certificate 05/2004	Aging Studies	Virginia Commonwealth University Department of Gerontology, Richmond, VA
B.S. 05/2001	Major: Psychology Minor: Human Development	Duke University Durham, NC Thesis: Anxiolytic Effects of Physical Activity (Mentor: James Blumenthal, PhD) Thesis: Lifetime Utilization of Long-Term Care Services in a Continuing Care Retirement Center (Mentor: Gerda Fillenbaum, PhD)

PRIOR ACADEMIC AND PROFESSIONAL APPOINTMENTS

- 08/09 – 12/10 **Instructor** Department of Medicine, Division of Preventive and Behavioral Medicine, University of Massachusetts Medical School Worcester, MA
- 08/07 – 08/09 **Post-doctoral Fellow in Behavioral Medicine & Tobacco Control.** Centers for Behavioral and Preventive Medicine, The Miriam Hospital/Brown University, Providence, RI.
Mentor: Belinda Borrelli, PhD
- 07/05 – 07/06 **Health Psychology Pre-doctoral Intern** (APA Accredited) Rush University Medical Center, Chicago, IL Clinical rotations included oncology consult-liaison service, rehabilitation psychology, behavioral sleep medicine, and outpatient behavioral medicine.
- 07/02 – 07/05 **Research and Clinical Fellow in Health Psychology** Parkinson's Disease Research Education and Clinical Center (PADRECC), Hunter Holmes McGuire VA Hospital, Richmond, VA
- 07/04 – 07/05 **Psychology Extern in Behavioral Medicine & Psychiatry,** Piedmont Geriatric Hospital, Burkeville, VA

CLINICAL EXPERIENCE

- 01/15 – present **Clinical Health Psychologist.** Division of Health Psychology, Department of Psychiatry, UMass Memorial Hospitals. Provide individual, family, or group therapy in an outpatient clinical setting.
- 02/14 – 08/14 **Motivational Interviewing (MI) E-Coach for E4Health, Inc.** Provided bi-weekly group online coaching to two groups of 10-12 Employee Assistance Therapists on MI techniques.
- 03/08 - 07/09 **Primary Care Mental Health Therapist.** Rhode Island Free Clinic, Providence, RI; Supervisor: Mike Raciti, Ph.D. Provided psychology consultation to primary care physicians and staff and assessed and treated patients experiencing a variety of behavioral and mental health difficulties with comorbid medical illness.

- 10/06 - 10/09 **Health Psychologist/Interventionist.** The Miriam Hospital/Brown University, Providence, RI; Supervisor: Belinda Borrelli, PhD. Provided in-home behavioral health treatment following a research protocol and use of motivational interviewing techniques in smoking cessation, asthma care management, and medication adherence.
- 07/05-07/06 **Health Psychologist.** Rush University Medical Center, Chicago, Illinois; Supervisors: Joyce Corsica, PhD; Janine Gauthier, PhD; Ed Stepanski, PhD; James Wyatt, PhD; Erin Emery, PhD; Bruce Rybarczyk, PhD. Provided the evaluation and behavioral health/mental health treatment of patients in outpatient and inpatient settings. Rotations included: Outpatient Psychology Clinic (e.g. weight management, anxiety, depression, grief, etc); Sleep Outpatient Clinic (e.g. insomnia, sleep apnea, restless legs, etc.); Cancer Consultation and Liason Inpatient Service (e.g. providing brief and long-term treatment to those with any cancer diagnosis, transplant recipients, provided mental health consultations); and Rehabilitation/Geropsychology Psychology Inpatient Service (e.g. provided psychological and cognitive assessments and mental health treatment).
- 07/04 - 07/05 **Group Therapist.** Hunter Holmes McGuire VA Hospital, Richmond, VA. Initiated and developed ongoing social support and educational groups for caregivers of patients with neurodegenerative disease in an outpatient setting.
- 07/02 - 07/05 **Neuropsychological Assessment.** PADRECC Hunter Holmes McGuire VA Hospital, Richmond, VA; Supervisors: Bill Carne, PhD; Ron Seel, PhD. Provided neuropsychological assessments to help in the diagnosis of dementia. Also provided evaluations for readiness and current functioning for patients undergoing deep brain stimulation surgery.
- 08/02 - 01/04 **Mental Health Therapist.** Department of Psychiatry, Anxiety Clinic, Virginia Commonwealth University Health System, Richmond, VA; Supervisors: Scott Vrana, PhD, Jack Hetteima, MD, PhD. Provided the evaluation and treatment of patients with any anxiety disorder (Panic, Specific, Obsessive-Compulsive, PTSD, agoraphobia, etc.)
- 05/02 - 06/04 **Mental Health Therapist.** Centers for Psychological Services and Development; Virginia Commonwealth University, Richmond, VA. Supervisors: James McCullough, PhD; Stephen Auerbach, PhD. Provided the evaluation and treatment of patients in a general outpatient psychology clinic. Primarily focused on behavioral health and depressive mood disorders.
- 05/00 - 08/00 **Psychologist Assistant** Central State Hospital, Petersburg, VA. Supervisor: Eric Braen, PhD. Assisted in the evaluation and treatment of inpatients in a psychiatric forensic mental health setting. Duties included developing and leading group activities and providing assistance in completing routine social functioning and mental health assessments.

TEACHING EXPERIENCE

- 01/13 - present **Instructor**, Certificate of Intensive Training in Motivational Interviewing, Center for Integrated Primary Care, **University of Massachusetts Medical Schools, Worcester, MA.** Topics include: beginning and intermediate skills around use of motivational interviewing for health behavior change in primary care.

Number of Students = 15-20 per semester

- 07/12 - present **Instructor**, Doctoring and Clinical Skills, **University of Massachusetts Medical School, Worcester, MA**. Co-lead small group discussions with medical students. Topics include: clinical interviewing skills, quality assessment, behavioral change counseling, delivering bad news, etc.
Number of Students = 13 per year
- 08/10 - present **Instructor**, Tobacco Treatment Specialist Certification Program, **University of Massachusetts Medical School, Worcester, MA**
Topics include: prevalence/etiology of nicotine dependence, bio-psycho-social factors of nicotine dependence, cultural competency, assessment of nicotine dependence, motivational interviewing
Number of Students = 40 per semester
- 03/10 - present **Lecturer**, Post-Doctoral Ethics Seminar Series. **Brown University Psychology Training Program, Providence, RI**. Topic: Research and Publication Ethics
Number of Students = 15 per year
- 06/02 - 08/04, 11/07 **Lecturer**, Department of Psychology, **Virginia Commonwealth University, Richmond, VA**
Courses: Stress and Personal Adjustment, Introduction to Clinical Psychology, Clinical Health Psychology
Number of Students = 40-45 per class
- 06/02 - 08/02 **Teaching Assistant**. Department of Psychology, **Virginia Commonwealth University, Richmond, VA**
Course: Introduction to Psychology
Number of Students 40-45

MENTORING EXPERIENCE

- 06/13 - present Jennifer Lee, UMASS Medical Student
- 07/12 - present Sherry Xiao, Graduate Student, UMASS Medical School
- 09/10 - 08/11 Rachel Bernier, Undergraduate research assistant, Holy Cross College
- 10/07 - 06/08 Anna Shierberl Scherr, Research assistant, The Miriam Hospital/Brown University
- 06/03 - 05/04 Sarah VanName, Undergraduate research assistant, Virginia Commonwealth University

RESEARCH SERVICE

- 2013 - present **Reviewer**, Annual Meeting of the American Public Health Association
- 2009 - present **Reviewer**, Travel Award Recipients for the Annual Meeting of the Society for Research on Nicotine and Tobacco

2006 - present **Reviewer**, Annual Meeting of the Society of Behavioral Medicine

2006 - present **Reviewer**, Annual Meeting of the Society for Research on Nicotine and Tobacco

EDITORIAL SERVICE

2006 – present **Invited Peer Reviewer:** Journal of Psychosomatic Research, Health Education Research, Preventive Medicine, American Journal of Preventive Medicine, Journal of Consulting and Clinical Psychology, Health Psychology, Annals of Behavioral Medicine, Ethnicity and Disease Health Education Research, Journal of Immigrant and Minority Health, Translational Behavioral Medicine, Cancer Epidemiology Biomarkers and Prevention, Nicotine and Tobacco Research, Journal of Health Psychology, Journal of Addiction Medicine

ACADEMIC SERVICE

08/02-05/04 **Colloquium Coordinator**, Department of Psychology, Virginia Commonwealth University

08/03 - 05/04 **Member**, Promotion and Tenure Committee, Virginia Commonwealth University

07/07 - 07/09 **Member**, Diversity Committee, Brown Clinical Psychology Training Consortium, Post-Doc Representative

07/08 - 07/09 **Member**, Brown Clinical Psychology Training Consortium, Post-Doc Representative

7/10 - 12/12 **Division Seminar Series Co-coordinator**, Division of Preventive and Behavioral Medicine, University of Massachusetts Medical School

01/13 – 08/14 **Division Seminar Series Coordinator**, Division of Preventive and Behavioral Medicine, University of Massachusetts Medical School

VOLUNTEER SERVICE

10/12- present **Foundation Board Member** and Annual Alumni Fund Class Representative, Governor's School for Government and International Studies, Richmond, VA.

01/15 – present **Interviewer**, Duke University Alumni Affairs, Central Massachusetts.

HONORS AND AWARDS

2015 Approved Candidate for the **Board Certification in Clinical Health Psychology (ABPP)**

2014 Accepted, **StatsCamp Participant** with awarded Scholarship, Texas Tech University (Formerly Kansas University StatsCamp), in Lawrence, KS.

- 2014 National Register, **Early Career Psychologist Scholarship**
- 2013 Accepted, **Motivational Interviewing Network of Trainers (MINT)**
- 2013 Accepted, **Junior Faculty Development Program, UMASS**
- 2012 **Faculty Scholar Award**, University of Massachusetts Medical School
- 2010 **Participant**, NHLBI Northwestern University's Population Studies Workshop (WHI & ARIC), Chicago, IL
- 2009 **FDSP Scholar**, University of Massachusetts Medical School
- 2009 **Fellow**, NIH OBSSR Summer Institute on Conducting Randomized Clinical Trials Involving Behavioral Interventions, Airlie, VA
- 2007-09;
2013-2015 **NIH Loan Repayment Program Award Recipient, Health Disparities**
- 2008 **SRNT Travel Award Recipient**
- 2007 **Graduate Student Travel Award**, Virginia Commonwealth University
- 2007 **VCU Psychology Research Grant, \$200**
- 2006 **VCU Graduate School Research Grant, \$1000**
- 2005 **Nominee**, AARP Scholars Program
- 2004 **Certificate of Achievement in Basic Forensic Evaluation**, Institute of Law Psychiatry, & Public Policy, University of Virginia, Charlottesville, VA.
- 2003 **Fellow**, APA Minority Fellow in Aging
- 2002 **VCU Psychology Research Grant, \$300**
- 2000 **Intern, Leadership for an Aging Society**, Duke University

LOCAL AND NATIONAL PROFESSIONAL AFFILIATIONS

- 2012 - present Society for the Research of Nicotine and Tobacco: Health Disparities Committee
- 2009 - 2013 Rhode Island Psychological Association
- 2008 - present Society for the Research of Nicotine and Tobacco: Health Disparities Committee
- 2008 - 2013 Rhode Island Psychological Association, Ethics Committee Member
- 2006 - present Society for the Research of Nicotine and Tobacco
- 2005 - present Society for Behavioral Medicine

- 2013 - present Massachusetts Psychological Association
- 2003 - 2005 Gerontological Society of America
- 2002 - 2004 Society for Psychophysiological Research
- 2001 - 2004 Association for Behavioral and Cognitive Therapy
- 2001 - 2002 American Psychological Association

RESEARCH FUNDING

Current

CA136888-01A1- Ockene (PI) 05/31/09-6/1/14
NIH/NCI

“RCT to Develop Tobacco Dependence Treatment Training in 10 Medical Schools”

This study aims to compare a multi-modal medical school curriculum regarding tobacco dependence treatment training to traditional education to evaluate the frequency, knowledge, and skills of tobacco dependence treatment provided by medical school students.

Role: Co-Investigator

National Science Foundation (NSF) Ockene (PI) 09/15/12- 08/31/15
HRD-1208589

“Creation and Development of the Quantitative Subtle Gender Bias Index (SGBI) to Better Understand Micro-inequities within the Academic Setting”

AIMS: This project will use both quantitative and qualitative methods to develop and evaluate the reliability and validity of a questionnaire, SGBI, which focuses on quantifying micro-inequities that affect the advancement of women into visible STEM leadership roles in research, professional societies, and academic administration.

Role: Co-Investigator

Robert Wood Johnson Foundation Sbarra (PI) 12/01/13 - 07/31/15
Public Health Law Research

“Has the 2011 Cigar Packaging and Pricing Regulation reduced Youth Cigar Use in Boston, Massachusetts?”

AIMS: To evaluate and compare youth cigar use in Boston, MA pre and post implementation of the cigar packaging and pricing regulation and to compare this impact, if any, to other municipalities that have not implemented the regulation.

Role: Co-Investigator

NIH/LRP Program Health Disparities Hayes- Candidate 09/1/13-8/31/15
Loan Repayment Program Competitive Renewal

“Alternative Tobacco Products, Intermittent Smoking and Health Disparities.”

AIMS: The award allows the candidate to continue her program of research in tobacco dependence treatment and evaluation.

Role: Candidate

CDC Ferrer (PI)

PPHF 2014: Racial and Ethnic Approaches to Community Health (REACH)

As part of contract services (for the Boston Public Health Commission) within the Center for Tobacco Treatment Training and Research (CTTRT) at UMASS Medical School, we will develop a

culturally-specific in-person training to healthcare providers regarding the targeted messaging and marketing techniques of tobacco companies toward low-income populations. This educational seminar will also include the Center's Basic Skills for Treatment Smokers Course.
Role: Consultant

Completed

Life Science Moment Fund LI (PI) 08/01/12-07/31/13

UMCCTS (NIH U54 CTSA)

“Residential Environment And Coronary Heart Disease Risk Factors (REACH) Pilot Study”

AIMS: This pilot project develops and tests new instruments for surveying food purchasing behaviors and use of exercise places among older women. The study will test a battery of dietary and physical activity instruments among 100 community-dwelling older women.

Role: Co-Investigator

Intramural Funding UMASS Hayes (PI) 9/1/12-9/30/13

“Identifying Subgroups of Nondaily Smokers in order to develop targeted intervention materials for smoking cessation”

AIMS: This study aims to acquire data from a national dataset from nondaily smokers longitudinally in order to identify subgroups of nondaily smokers. This information will be used to develop targeted intervention materials for smoking cessation, which will then be evaluated by questionnaire ratings on saliency, relevance, and motivation and intentions to quit smoking.

CA136888-01A1-Supplement (Hayes) Ockene (PI) 6/1/10-5/31/12
NIH/NC

“Physician Adherence to Tobacco Treatment Guidelines”

This study aims to develop an educational outreach program using “push” technologies and will examine if it is beneficial for physician adoption of 5As counseling for tobacco dependence treatment and in increasing physician provision of training medical students.

IRG93033 Hayes (PI) 5/31/10-5/31/12

ACS-UMASS

“Characteristics and Patterns of Smoking Among Adult Non-Daily Smokers”

This study aims to explore smoking patterns among adult non-daily smokers and develop targeted and tailored smoking cessation materials.

HL077608-05 Lasater (PI) 8/1/04-8/31/10

NIH/NHLBI

“Postpartum Maintenance of Abstinence from Tobacco”

This study compared smoking abstinence rates of women who quit smoking during their pregnancy and who receive an intervention based on telephone counseling using motivational interviewing versus quitters who receive usual care.

Role: Consultant (8/09-10/09)

Intramural Funding Borrelli (PI) 8/1/07-7/31/08

The Miriam Hospital/Brown

“Smoking among persons with Mobility Impairments”

This study examined qualitative data among individuals who currently smoke and use any kind of assistive device to ambulate. The study assessed the barriers and facilitators of smoking and quitting among this population.

Role: Co-Investigator

Pending

NIH/NCI

Ockene (PI)

R01 “Weight Management Counseling in Medical Schools: A Randomized Controlled Trial.”

AIMS: To develop and evaluate whether a multi-component, interactive, and comprehensive curriculum intervention would enhance observed student performance on weight-management counseling as measured by an Objective Structured Clinical Examination (OSCE). Secondary outcomes were improvement in self-efficacy for weight-management counseling.

Role: Co-Investigator

RWJF

Li (PI)

Public Health Services and Systems Research

Evaluations of Program Impact and Cost-Effectiveness of the Massachusetts Tobacco Cessation and Prevention Program

AIMS: To evaluate separately and together components of the Massachusetts Tobacco Cessation and Prevention Program and evaluate its cost-effectiveness.

Role: Co-Investigator

PEER-REVIEWED PUBLICATIONS

1. Ong, J., Seel, R., Carne, W., **Brown, R.**, Pegg, P., Jehle, P (2005). [A Brief Neuropsychological Protocol for Assessing Patients with Parkinson's Disease](#), *Neurorehabilitation*, 2005;20(3):191-203 PMID: 1634010
2. Qutubuddin, A., Pegg, P., Cifu, D., **Brown, R.**, McNamee, S., Carne, W. (2005). [Validating the Berg Balance Scale for Individuals with Parkinson's Disease: A Key to Rehabilitation Evaluation](#). *Archives of Physical Medicine and Rehabilitation*, 2005 Apr;86(4):789-92. PMID: 15827933
3. Drake, D., Beckworth, W., **Brown, R.**, McNeary, L., Cifu, D., Kim, D., [A profile of patients in VA Pain Clinic](#). *Federal Practitioner*, 2006;23(3):15-18, 21-22.
4. Cifu, D., Carne, W., **Brown, R.**, Pegg, P., Ong, J. Qutubuddin, A, Baron, M (2006). [Caregiver Distress in Parkinsonism](#). *Journal of Rehabilitation Research and Development*. 2006 Jul-Aug;43(4):499-508. PMID: 17123189
5. Holloway, K., Baron, M & **Brown, R.** [Deep brain stimulation for dystonia: a meta-analysis](#) *Neuromodulation*, 2006 Oct;9(4):253-61. doi: 10.1111/j.1525-1403.2006.00067.x. PMID: 22151759
6. Panayiotou, G., **Brown, R.**, & Vrana, S. (2007). [Emotional dimensions as determinants of self-focused attention](#), *Cognition and Emotion*, 2007 19 Jul. 21, 5, 982-998. DOI: 10.1080/02699930701319170
7. Borrelli, B., **Hayes, RB.**, Dusinger, S., Fava, JL. [Risk perception and smoking behavior in medically ill smokers: a prospective study](#). *Addiction* 2010 Jun;105(6):1100-8. doi: 10.1111/j.1360-0443.2010.02900.x. Epub 2010 Mar 22. PMID: PMC2908209
8. Lee, CS., **Hayes, RB.**, McQuaid EL., Borrelli, B. [Predictors of retention in smoking cessation treatment among Latino smokers in the Northeast United States](#). *Health Education and Research* 2010 Aug;25(4):687-97. doi: 10.1093/her/cyq010. Epub 2010 Mar 17. PMID: 20237106

9. **Hayes, RB.** Dusinger, S., Borrelli, B. [The Influence of quality of life and depressed mood on smoking cessation among medically ill smokers.](#) *J Behavioral Medicine*, 2010 Jun;33(3):209-18. doi: 10.1007/s10865-010-9254-z. Epub 2010 Mar 4 PMID: 20204491
10. Borrelli B., **Hayes, RB.**, Gregor, K., Lee, CS., McQuaid EL. [Differences in smoking behavior and attitudes among Puerto Rican, Dominican, and non-Latino white caregivers of children with asthma.](#) *American Journal of Health Promotion*, 2011 May-Jun;25(5 Suppl):S91-5. doi: 10.4278/ajhp.100624-ARB-214. PMID: 21510794
11. Holahan CK, Holahan CJ, Powers DA, **Hayes RB**, Marti CN, and Ockene JK. [Depressive symptoms and smoking in middle-aged and older women.](#) *Nicotine Tob Res.* 2011 Aug;13(8):722-31. doi: 10.1093/ntr/ntr066. Epub 2011 Apr 1. PMCID: PMC3150691
12. Holahan, C., North, R. Holahan, C. **Hayes, RB.**, Powers, D., & Ockene, J. [Social Influences on Smoking in Middle-aged and Older Women.](#) *Psychology of Addictive Behaviors.* 2012 Sep;26(3): 519-26. doi: 10.1037/a0025843. Epub 2011 Oct 17. PMID: 22004130
13. Berg, CJ. Link, PM., **Hayes, RB.**, Berg, E., Nollen, N., Nehl E., Choi, WS., Ahluwalia JS. (2011) [Smoking frequency among current college student smokers: distinguishing characteristics and factors related to readiness to quit smoking.](#) *Health Education and Research.* 2012 Feb;27(1):141-50. doi: 10.1093/her/cyr106. Epub 2011 Dec 7. PMCID: PMC3605919
14. **Hayes, RB.**, & Borrelli, B. (2012). [Differences between Latino light and heavier smokers in smoking attitudes, risk perceptions, and smoking cessation outcome.](#) *Nicotine and Tobacco Research.* 2013 Jan;15(1):103-11. doi: 10.1093/ntr/nts095. Epub 2012 May 15. PMID: 22589424
15. Holahan CK, Holahan CJ, North RJ, **Hayes RB**, Powers DA, Ockene JK. [Smoking status, physical health-related quality of life, and mortality in middle-aged and older women.](#) *Nicotine Tob Res.* 2013 Mar;15(3):662-9. doi: 10.1093/ntr/nts182. Epub 2012 Sep 10. PMCID: PMC3611990
16. Cullen, D., Keithly, L., Chen, L., Kane, K., Land, T., Paskowsky, M., **Hayes, RB.**, Li, W. [Smokeless Tobacco Products Sold in Massachusetts from 2003 to 2012: Trends and Variations in Brand Availability, Nicotine Contents, and Design Features.](#) *Tobacco Control*, 2014 Jan 13. doi: 10.1136/tobaccocontrol-2013-051225. [Epub ahead of print] PMID: 2442031
17. Geller AC, **Hayes RB**, Leone F, Churchill LC, Leung K, Reed G, Jolicoeur D, Okuliar C, Adams M, Murray DM, Liu Q, Waugh J, David S, Ockene JK. [Tobacco dependence treatment teaching by medical school clerkship preceptors: survey responses from more than 1,000 US medical students.](#) *Prev Med.* Aug;57(2):81-6, 2013. doi: 10.1016/j.ypmed.2013.04.006. PMCID: PMC3767283
18. Khariwala SS, Scheuermann TS., Berg, CJ., **Hayes, RB.**, Nollen, NL., Thomas JL., Guo, H., Ahluwalia JS., Benowitz NL (2013). [Cotinine and Tobacco-Specific Carcinogen Exposure Among Nondaily Smokers in a Multiethnic Sample.](#) *Nicotine Tobacco Research*, 2014 May;16(5):600-5. doi: 10.1093/ntr/ntt194. Epub 2013 Dec 1. PMCID: PMC3988430
19. Land, T., Keithly, L., Chen, L., Paskowsky, M., Cullen, D., **Hayes, RB.**, Li, W. [Recent Increases in Efficiency in Cigarette Nicotine Delivery: Implications for Tobacco Control.](#)

Nicotine and Tobacco Research, 2014 Jun;16(6):753-8. doi: 10.1093/ntr/ntt219. Epub 2014 Jan 13.

20. **Hayes RB**, Geller A, Churchill A, Jolicoeur D, Murray DM, Shoben A, David SP, Adams M, Okuyemi K, Fauver R, Gross R, Leone F, Xiao R, Waugh J, Crawford S, Ockene JK. Teaching tobacco dependence treatment and counseling skills during medical school: Rationale and design of the Medical Students helping patients Quit tobacco (MSQuit) group randomized controlled trial. *Contemp Clin Trials*. 2014 Jan 31. pii: S1551-7144(14)00018-4. doi: 10.1016/j.cct.2014.01.008. [Epub ahead of print] PMID: 24486635
21. Scheuermann, TS, Thomas, JL., Berg, CJ, **Hayes, RB**, Harwood, EM, Shanafelt, AP. Wolff, ER., Ahluwalia, JS. A Qualitative Exploration of Smoking Influences and Quit Attempts among Nondaily Smokers. *Health Behavior & Policy Review*. 2014;1(3):172-182.
22. Choo EK, Beauchamp G, Beaudoin F, Bernstein E, Bernstein J, Bernstein S, Broderick KB, Cannon R, D'Onofrio G, Greenberg MR, Hawk K, **Hayes RB**, Lippmann M, Jacquet GA, Rhodes K, Watts S, Boudreaux E. Gender-Specific Emergency Medicine Research on Substance Use Disorders. Accepted to *Academic Emergency Medicine*, in press.
23. Carreiro S., Smelson D., Ranney M., Horvath K., Picard RW., Boudreaux ED., **Hayes RB**. Boyer EW., Real-time Mobile Detection of Drug Use with Wearable Biosensors: A Pilot Study. *Journal of Medical Toxicology*, 2014.
24. Pulvers K., **Hayes, RB***, Scheuermann TS, Romero DR, Emani AS, Resnicow K., Olendzki E, Person SD, Ahluwalia JS. 2014. Tobacco Use, Quitting Behavior, and Health Characteristics Among Current Electronic Cigarette Users in a National Tri-Ethnic Adult Stable Smoker Sample. *Nicotine and Tobacco Research*. Nov. Epub ahead of print. PMID: 25385875 (***Co-First Author**)
25. Boudreaux ED, Waring ME, **Hayes, RB**, Sadasivam, RS, Mullen S., Pagoto S. (2014). Evaluating and selecting mobile health apps: strategies for healthcare providers and healthcare organizations. *Transl Behav Med*. Dec: 4(4): 363-71. PMID: 2558408
26. **Hayes RB**, Geller AC, Crawford SL, Jolicoeur D, Churchill LC, Okuyemi K, David SP, Adams M, Waugh J, Allen SS, Leone FT, Fauver R, Leung K, Liu Q, Ockene JK. (2015). Medical school curriculum characteristics associated with intentions and frequency of tobacco dependence treatment among 3rd year U.S. medical students. *Prev Med*. Jan 5. [Epub ahead of print] PMID: 25572623
27. Mazor, KM., Jolicoeur, D., **Hayes, RB.**, Geller, AC., Churchill, L., & Ockene, J "Assessing Medical Students' Tobacco Dependence Treatment Skills Using a Detailed Behavioral Checklist" *Teaching & Learning Medicine*, 2014

PEER-REVIEWED PUBLICATIONS SUBMITTED

28. Xiao, S., **Hayes, RB**, Waring, M., Geller, AC., Churchill, L., Jolicoeur, D., & Ockene, J.K. Prior tobacco counseling is associated with greater intentions and confidence to treat smokers among US Medical Students. Submitted to *Preventive Medicine*

29. Ockene, JK, **Hayes, RB.**, Jolicoeur, D., Churchill, L., Crawford, S., Murray, DM., Geller, AC. Outcomes from the MSQUIT Randomized Controlled Trial. In Preparation to *JAMA*.

PEER-REVIEWED PUBLICATIONS IN PROGRESS

30. **Hayes, RB.** et al., Preceptor Modeling and Feedback to Teach Tobacco Dependence Treatment Counseling to Medical Students. In Preparation to *Journal of Cancer Education*.
31. Pagoto, SP., Mullen, S., **Hayes, RB.**, Sadasivam, R., Waring, M., & Boudreaux, E. Establishing the Quality and Efficacy of Commercial Mobile Apps.
32. **Hayes, RB.** et al., Depressed Mood and Risk Perceptions among Nondaily Smokers. In Preparation to *Addictive Behaviors*.

NON-PEER REVIEWED PUBLICATIONS

1. **Brown, R.** (2000). Topics in Research, Training, Service and Policy. *Long Term Care Advances Quarterly*, 12, 1, 7-8.
2. **Hayes, RB** (2011). Distinguishing the Ethics of Clinical Research and Clinical Care. *Rhode Island Psychological Association Newsletter: Ethics Corner*. Spring.

BOOK/CHAPTERS

1. Kalman, D., **Hayes, RB.**, and Ziedonis, D. M. Tobacco Dependence. In M. Galanter, H. Kleber, K. Brady (eds). Textbook of Substance Abuse Treatment, 5th Edition. Arlington, VA: *American Psychiatric Press*, 2015.
2. Pbert L, Jolicoeur D, **Hayes, RB** & Ockene JK. Addressing Tobacco Use and Dependence. In: Riekert KA, Ockene JK, Pbert L (EDs). *Handbook of Health Behavior Change, 4th Edition*. New York, NY. Springer Publication Company, LLC. 2014, Chapter 9:179-209.

PRESENTATIONS

1. Vrana, SR., Quinn, C., **Brown, R.**, Rollock, D. (October 2002). Stability of internalizer-externalizer classification across emotional imagery and social interaction. Poster presented at the 2002 meeting of the Society of Psychophysiological Research, Washington D.C.
2. Seel, R., Carne, W., Ong, J., **Brown, R.**, Jehle, P., Blaine, C. (November 2003) A Brief Neuropsychological Protocol for Assessing Patients with Parkinson's Disease. Paper presented at the 2003 meeting of the Southern Gerontological Society, Richmond, Va.
3. Qutubuddin, A, Pegg, P., Cifu, DX., **Brown, R.**, (October 2004). Berg Balance Scale: A Key to Rehabilitation. Poster presented at the American Academy of PM&R Annual Assembly; Phoenix, AZ
4. **Brown, R.**, Vrana, SR. (October 2004). Affect and Self-focused attention: The role of the emotional dimension of arousal. Poster presented at the 2004 meeting of the Society of Psychophysiological Research Albuquerque, NM

5. Drake D., Beckworth J., **Brown R.**, McNeary L., Kim D. (October 2004). Demographic and clinical characteristics of initial referrals to an outpatient Veteran's Administration pain program. Poster presentation at the American Academy of PM&R Annual Assembly; Phoenix, AZ
6. **Brown, R.**, Carne, W., Pegg, P. (November 2004). Correlates of caregiver burden from spouses of individuals with Parkinson's Disease. Poster presented at the 2004 meeting of the Gerontological Society of America, Washington, D.C.
7. **Brown, R.**, Vrana, SR. (November 2004). Affect and Self-focused attention: The role of the emotional dimension of arousal. Poster presented at the 2004 meeting of the Association for the Advancement of Behavioral Therapy, New Orleans, La.
8. Drake D., Beckworth J., **Brown R.**, McNeary L., & Kim D. (May 2004). Demographic and clinical characteristics of initial referrals to an outpatient Veteran's Administration pain program. Poster presented at the VCU/MCV Residency Research Day, Richmond, VA.
9. Cifu, D., Carne, W., Qutubuddin, A., Baron, M., Holloway, K., Calabrese, V., Roberge, P., Massey-Makhoul, K., **Brown, R.**, Green, H., & Marcinko, P. (March 2005) Southeastern Parkinson's Disease Research, Education, and Clinical Center: An Example of a Successful Multidisciplinary Clinic
10. Holloway, K., Baron, M., **Brown, R.**, (July 2005). Outcomes of DBS surgery on Dystonia Patients: A descriptive review of the literature. Poster presented at the 2005 meeting of the Movement Disorders Association.
11. **Brown, R.**, Vrana, S. (March 2007) Sleep disturbances, mood, and disease severity in patients with Parkinson's Disease. Poster presented at the 2007 meeting of the Society of Behavioral Medicine, Washington, DC.
12. **Brown, R.**, Vrana, S., & Niemeier, J. (March 2007). Grief and Depression in a Parkinson's Disease population. Poster presented at the 2007 meeting of the Society of Behavioral Medicine, Washington, DC.
13. **Brown, R.**, Vrana, S., & Niemeier, J. (April 2007). Grief as a clinical entity distinct from depression among Parkinson's disease patients. Poster presented at the 2007 VCU Graduate Student Symposium, Richmond, Va.
14. **Brown, R.**, & Borrelli, B. (February 2007). Characteristics associated with risk perception in an older medically ill smoker population. Poster presented at the 2007 Society for Tobacco and Nicotine Research, Austin, Tx.
15. **Brown, R.**, & Borrelli, B. (April 2007). Characteristics associated with risk perception in an older medically ill smoker population. Poster presented at the 2007 Brown University Department of Psychology Research Symposium, Providence, RI.
16. **Brown, R.**, Lee, C., McQuaid, E., & Borrelli, B. (March 2008). Predictors of Retention in a Culturally Specific Smoking Cessation Trial Among Latino Smokers. Paper presented to the Annual Meeting of Society for Research on Nicotine & Tobacco, Portland, Oregon.
17. **Brown, R.**, Lee, C., Jusino, L., Schierberl Scherr, A., Cardella, L., McQuaid, E., & Borrelli, B. (March 2008). Differences Between Puerto Rican, Dominican, and Non-Latino White Smokers

in Attitudes, Beliefs, and Smoking History. Poster presented to the annual meeting of Society for Research on Nicotine & Tobacco, Portland, Oregon.

18. Borrelli, B., McQuaid, E., Novak, S., Hammond, K., Becker, B., Jusino, L, **Brown, R.**, & Lee, C. (March 2008). Motivating Latino Parents of Children with Asthma to Quit Smoking. Paper presented to the annual meeting of Society for Research on Nicotine & Tobacco, Portland, Oregon.
19. **Brown, R.** Shierberl Scherr, A., McQuaid, E., & Borrelli, B. (March 2008). Use of Pharmaceutical Aids in Smoking Cessation: Difference Between Latinos and Non-Latino Whites. Paper presented to the annual meeting of Society for Research on Nicotine & Tobacco, Portland, Oregon.
20. **Hayes, RB.**, & Borrelli, B., (April 2009). The impact of changes in risk perception over time among Latino Light Smokers in a Cessation Trial. Paper presented to the annual meeting of the Society for Research on Nicotine & Tobacco, Dublin, Ireland
21. **Hayes, RB.**, Niemeier, J., & Fava, J. (April 2010). Factor Structure of the Loss Inventory: A new tool to assess emotional reactions to disablement or medical illness. Poster presented to the annual meeting of the Society of Behavioral Medicine, Seattle, Washington.
22. Berg, C.J., **Hayes, RB.**, Ling, P.M., Nollen, N., Choi, W.S., Murtha, E., & Ahluwalia, JS (September 2010). Correlates of nondaily smoking among young adults. Poster to be presented to the 2010 annual Meeting of the European Society for Research on Nicotine and Tobacco, Bath, UK.
23. **Hayes, RB.**, Geller, A., Murray, D., Joliceur, D., Churchill., L., Ockene, J. & MSQUIT Study Team. (November 2010). Tobacco counseling skills among US Medical Students: Initial Survey Results from the MSQUIT Group Randomized Control Trial. Paper presented to the annual meeting of the Association for Medical Education and Research in Substance abuse, Bethesda, MD.
24. Borrelli, B., Busch, A.M., **Hayes, RB.**, Ayoub, D., & Cruz, J. (February 2011). Smokers with mobility impairments: smoking behaviors and use of various quit methods. Poster presented at at the Annual Meeting of the Society of Research on Nicotine and Tobacco, Toronto, ON.
25. Holahan, C. K., Holahan, C. J., Powers, D. A., **Hayes, RB.**, Marti, C. N., & Ockene, J. K. (March 2011). Depressive Symptoms and Smoking in Middle-Aged and Older Women. Poster presented at the conference on Health Promotion: Upstream Approaches to Advancing Health in Underserved Populations, University of Texas at Austin School of Nursing.
26. **Hayes, RB.**, Adams, M., Bass, P.F., Churchill, L., David, S., Fauver, R., Geller, A., Gross, R., Jolicoeur, D., Leone, F., Liu, Q., Okuyemi, K.S., Waugh, J., & Ockene, J.K (April 2011). Personal and Curriculum Predictors of Intentions and Tobacco Dependence Counseling Practice among US 3rd year Medical Students. Poster to be presented at the annual conference of SBM in Washington, DC.
27. Land, T., Chen, L., Cullen, D., Paskowsky, M., Keithly, L., **Hayes, RB.**, Li, W. (May 2011). "Trends in Nicotine Contents in Cigarettes Sold in Massachusetts (1997-2010)". Poster to be presented at the 2nd Annual Clinical and Translational Science Research Retreat, UMASS Medical School, Worcester, MA.

28. Holahan, CK., Holahan, CJ., North, R., **Hayes, RB.**, & Ockene, J. The relation of Smoking Status to Quality of Life in Middle-Aged and Older Women. Abstract submitted as part of the Gerontological Society of America (November 2011).
29. Buchanan, TS., Berg, CJ., **Hayes, RB.**, Parker, A., Konchellah, M., Yousseff, M., & Ahluwalia, J. A Mixed Methods Investigation of Nondaily Smoking among African Americans, Latinos, and non-Hispanic Whites. Abstract submitted as part of Symposium to SRNT 2012 (March 2012)
30. **Hayes, RB.**, Bernier, R., Buchanan, T., Altomari, P., Ockene, J. & Ahluwalia, J. Differences between Adult “Converted-Intermittent” and “Native Intermittent” Smokers. Abstract submitted to the annual conference of SRNT in Houston, TX (March 2012).
31. **Hayes, RB.**, Buchanan, TS., Bernier, R., Altomari, P., Ockene, J., & Ahluwalia, J. Experiences and Perceptions of Smoking, Quitting, and Cessation Treatment among Adult Intermittent Smokers. Abstract submitted to the annual conference of SRNT in Houston, TX (March 2012).
32. Keithly, L., **Hayes, RB.**, Paskowsky, M., Land, T., Kane, K., & Li, W. A True Stories Campaign Uniformly Increased Awareness of State-Assisted Smoking Cessation Programs in Massachusetts. Abstract submitted to the annual conference of SRNT in Houston, TX (March 2012).
33. Cullen D, Keithly L, Kane K, **Hayes RB**, Li W. Surveillance of Nicotine Yield of Cigarettes Sold in Massachusetts (1997-2010). Oral presentation presented at the National Conference on Tobacco or Health (NCTOH), Kansas City Convention Center, Kansas City, Missouri.(August 2012).
34. Keithly L, Stewart G, Paskowsky M, **Hayes RB**, Kane K, Li W. Massachusetts Medicaid Smoking Cessation Benefit : Promotion, Evaluation, and Health Improvements. Poster presented at the National Conference on Tobacco or Health (NCTOH), Kansas City Convention Center, Kansas City, Missouri. (August 2012).
35. **Hayes, RB.**, Geller, A., Jolicouer, J., Churchill, L., Ockene, J. What do Medical Students Want: Tobacco Dependence Treatment Behaviors and Curriculum. Poster to be presented to the annual conference of SRNT Boston, MA. (March 2013)
36. Ockene, J. **Hayes, RB.**, Geller, A., Jolicouer, J., Churchill, L. Tobacco Dependence Treatment in Medical Schools: The MSQUIT Study Design and Rationale. Poster to be presented to the annual conference of SRNT Boston, MA (March 2013)
37. **Hayes, RB.**, Olendzki, E., Ockene, J. Enhancing the Clerkship Experience: Improving Tobacco Dependence Treatment Skills in Medical School. Poster to be presented to the annual conference of SRNT Boston, MA (March 2013).
38. Buchanan, T., Berg, C., **Hayes, RB.**, Thomas, J., Ahluwalia, J., Benowitz, N. Cotinine levels among Nondaily Smokers. Poster to be presented to the annual conference of SRNT Boston, MA (March 2013).
39. Li, W., Churchill, L., Duckham, R., Olendzki, B., **Hayes, RB.**, Crouter, S., Magee, M., Youssef, G., Wactawski-Wende, J., Lamonte, M., & Ockene, J. Residential Environment and Coronary Heart Diseases Risk Factors (REACH) Pilot and Feasibility Studies. Poster Submitted to the Annual Women’s Health Initiative (WHI) Conference (May 2013).

40. Xiao, S., **Hayes, RB.**, Geller, A., Jolicouer, D., Churchill, L., Ockene, J. Associations between Prior Tobacco Dependence Treatment Experiences and Student Knowledge, Intentions, and Skills in Tobacco Dependence Treatment Counseling. Poster submitted to the annual conference of the American Public Health Association in Boston, MA. (November 2013).
41. **Hayes, RB.**, Buchanan, T., Person, S., Olendzki, E., Resnicow, K., & Ahluwalia, J. Characteristics of Electronic Cigarette Users among a Multi-Ethnic National Sample. Poster to be presented to the annual conference of the Society for Nicotine and Tobacco Research in Seattle, WA. (February 2014).
42. Pagoto SL., Schneider KL., **Hayes RB.**, Evans Martinus E., Scully J., Waring M., Appelhans B., Lemon S. Proof of Concept for a Twitter-Based Weight Loss Intervention. Oral presentation to be presented to the annual conference of Medicine 2.0 in Maui, HI (November 2014).
43. Churchill, LC., Paskowsky, M., Kane, K., Kang, HJ., Clarke, AJ., **Hayes, RB.**, & LI, W. Recruiting Participants for a Smoke Free Policy Evaluation. Abstracted accepted for presentation at the Minority Health and Health Disparities Grantees' Conference in National Harbor, MD (December 2014).
44. Ockene, JK., **Hayes, RB.**, Crawford, S., Churchill, LC., Jolicouer, D., Geller, AC., & MSQuit School Investigators. Teaching Medical Students to Help Patients Quit Smoking: Results of a 10 Medical School Randomized Controlled Trial. Oral presentation to be presented to the Society of Behavioral Medicine in San Antonio, TX. (April 2015). ***Citation Abstract for SBM.**
45. Pagoto SL., **Hayes, RB.**, Schneider KL., May, Christine, Keeney, J., Reuther, L., Kern, D., Xiao, R., & Waring, M. What is all the tweeting about? Analysis of the SBM conference hashtags #sbm2013 and #sbm2014. Poster to be presented to the Society of Behavioral Medicine in San Antonio, TX (April 2015).

INVITED PRESENTATIONS

1. **Hayes, RB.** (May 2014). "Electronic Tools as an Alternative Aid to Smoking Cessation". Presented on the Junior Faculty Development Program Scholars, UMMS, Worcester, MA
2. **Hayes, RB.** (January 2014). "An Introduction to Motivational Interviewing: Spirit and Basic Skills". 2-day workshop presented for CEU credit to therapists at E4Health, Dallas, TX and Providence, RI.
3. Mullins, D. & **Hayes, RB** (February 2013). "Changing Health Behaviors in the Clinic Setting" Webinar presented to nurses and caseworkers, UMMS, Worcester, MA.
4. **Hayes, RB** (February 2013) "An Introduction to Motivational Interviewing for Smoking Cessation. Presented for CME credit for Harrington Hospital, Southbridge, MA.
5. **Hayes, RB** (September 2012) "Experiences and Perceptions of Smoking, Quitting, and Cessation Treatment among Adult Intermittent Smokers: A Mixed Methods Study." Presented to the Division of Preventive and Behavioral Medicine, Department of Medicine, UMASS Medical School.
6. **Hayes, RB.** (August 2011). "Preceptor Teaching Strategies and Methods: Enhancing the Clerkship Experience." Presented as part of the MSQUIT Academic Detailer Training Sessions.

7. **Hayes, RB** (February 2011). "Light and Non-Daily Smokers: Mutidisciplinary Perspectives and Future Directions" Presented at the Center for Comparative NeuroImaging, University of Massachusetts Medical School
8. **Hayes, RB** & Ockene, J. (January 2011). Research Design of the MSQUIT Group Randomized Control Trial: Initial Qualitative and Quantitative Results. To be presented at the Division Seminar Series, University of Massachusetts Medical School
9. **Hayes, RB** (March 2009). Community-based research and treatment among low-income populations. Post-Doctoral Seminar Series, Brown University Psychology Training Program, Providence, RI.
10. **Brown, RE** (February 2006). Loss and Depression after Disability. Presented at the monthly Department of Psychology Colloquium, Rush University Medical Center, Chicago, Illinois.
11. **Brown, RE** (December, 2005). Obstructive Sleep Apnea and Cognition. Presented at the Sleep Grand Rounds, Sleep Disorder Service and Research Center, Rush University Medical Center, Chicago, Illinois.
12. **Brown, RE** (September, 2005). Sleep in the Wake of Bereavement. Presented at the Sleep Grand Rounds, Sleep Disorder Service and Research Center, Rush University Medical Center, Chicago, Illinois.
13. **Brown, RE** (February, 2005). Caregiver Burden and the "Depressed" Patient: Two more PADRECC Studies. Monthly Social Support Group Guest speaker at the Parkinson's Disease Research Center and Clinic, McGuire VA Medical Center, Richmond, Va.
14. **Brown, RE** (February, 2005). An Exploration of Grief and Loss in Parkinson's Disease Patients. Presented at the Parkinson's Disease Research Center and Clinic, McGuire VA Medical Center, Richmond, Va.
15. **Brown, RE.** (September, 2004). Stress management Techniques: Learn to Relax. Social Support Group presentation at the Parkinson's Disease Research Center and Clinic, McGuire VA Medical Center, Richmond, VA.
16. **Brown, RE** (September, 2004). Stress-Resistant Thinking: It's the thought that counts. Piedmont Geriatric Institute, Piedmont Geriatric Hospital, Burkeville, VA. Presentation given to nursing home administrators, caseworkers, LCSWs, and CNAs within the local community.
17. **Brown, RE.** (January, 2004). Case Presentation Grand Rounds Medical College of Virginia, Department of Outpatient Psychiatry, Virginia Commonwealth University Health Systems, Richmond, VA.
18. **Brown, RE** (November, 2003). The role of cognitive functioning in caregiver burden. Grand Rounds presentation at the Parkinson's Disease Research Center and Clinic, McGuire VA Medical Center, Richmond, VA.