

## BIOGRAPHICAL SKETCH

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NAME Niaura, Raymond S.	POSITION TITLE Associate Director for Science		
eRA COMMONS USER NAME (credential, e.g., agency login) RNiaura	Schroeder Institute for Tobacco Research & Policy Studies American Legacy Foundation (Legacy)		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
McGill University, Montreal, Canada	B.A.	1980	Psychology
Rutgers University, New Jersey, USA	M.S.	1984	Psychology
Rutgers University, New Jersey, USA	Ph.D.	1987	Psychology

### **A. Personal Statement**

My primary research interests lie in studying combined pharmacological and behavioral treatments for smoking cessation, cessation in disadvantaged populations, and population-level dissemination of evidence-based treatments. I have been funded by both NIH and industry to investigate combining behavioral treatments with various forms of pharmacotherapy for smoking cessation, including nicotine replacement products, varenicline, and bupropion. I was scientific PI of the Medicare Stop Smoking Program, in which smoking cessation benefits were evaluated in over 7,000 smokers over the age of 65 years. I bring extensive experience in design and deployment of large scale intervention research studies, and analysis of longitudinal data.

### **B. Positions and Honors**

1989-1993 Assistant Professor of Psychiatry and Human Behavior, Brown University  
1988-2004 Staff Psychologist, Division of Behavioral Medicine, The Miriam Hospital, Providence, RI  
1993-1999 Associate Professor of Psychiatry and Human Behavior, Brown University  
1999- Professor of Psychiatry and Human Behavior, Brown University  
2004-2009 Director, Transdisciplinary Research, Butler Hospital, Providence, RI  
2009- Associate Director for Science, Schroeder Institute, American Legacy Foundation

### **Other Experiences and Professional Memberships**

1994-1998 NIH, Behavioral Medicine Study Section (member)  
2004- Deputy Editor, *Nicotine & Tobacco Research*

Memberships: Fellow of the American Academy of Health Behavior, American Psychological Association, and the Society for Behavioral Medicine, and Immediate Past President of the Society for Research on Nicotine and Tobacco (SRNT).

### **C. Selected, Recent Peer-Reviewed Publications (from over 240)**

1. Graham, A. L., Bock, B. C., Cobb, N. K., Niaura, R., & Abrams, D. B. (2006). Characteristics of smokers reached and recruited to an internet smoking cessation trial: a case of denominators. *Nicotine Tob Res, 8 Suppl 1*, S43-48.
2. Graham, A. L., Papandonatos, G. D., Bock, B. C., Cobb, N. K., Baskin-Sommers, A., Niaura, R., et al. (2006). Internet- vs. telephone-administered questionnaires in a randomized trial of smoking cessation. *Nicotine Tob Res, 8 Suppl 1*, S49-57.
3. Stein, M. D., Weinstock, M. C., Herman, D. S., Anderson, B. J., Anthony, J. L., & Niaura, R. (2006). A smoking cessation intervention for the methadone-maintained. *Addiction, 101*(4), 599-607.
4. Baker, T. B., Piper, M. E., McCarthy, D. E., Bolt, D. M., Smith, S. S., Kim, S. Y., et al. (2007). Time to first cigarette in the morning as an index of ability to quit smoking: implications for nicotine dependence. *Nicotine Tob Res, 9 Suppl 4*, S555-570.

5. Brown, R. A., Niaura, R., Lloyd-Richardson, E. E., Strong, D. R., Kahler, C. W., Abrantes, A. M., et al. (2007). Bupropion and cognitive-behavioral treatment for depression in smoking cessation. *Nicotine Tob Res*, 9(7), 721-730.
6. Kozlowski, L. T., Giovino, G. A., Edwards, B., Difranza, J., Foulds, J., Hurt, R., et al. (2007). Advice on using over-the-counter nicotine replacement therapy-patch, gum, or lozenge-to quit smoking. *Addict Behav*, 32(10), 2140-2150.
7. Stein, M. D., Anderson, B. J., & Niaura, R. (2007). Smoking cessation patterns in methadone-maintained smokers. *Nicotine Tob Res*, 9(3), 421-428.
8. Graham, A. L., Papandonatos, G. D., DePue, J. D., Pinto, B. M., Borrelli, B., Neighbors, C. J., et al. (2008). Lifetime characteristics of participants and non-participants in a smoking cessation trial: implications for external validity and public health impact. *Ann Behav Med*, 35(3), 295-307.
9. Joyce, G. F., Niaura, R., Maglione, M., Mongoven, J., Larson-Rotter, C., Coan, J., et al. (2008). The effectiveness of covering smoking cessation services for medicare beneficiaries. *Health Serv Res*, 43(6), 2106-2123. Epub 2008 Sep 8.
10. Niaura, R. (2008). Nonpharmacologic therapy for smoking cessation: characteristics and efficacy of current approaches. *Am J Med*, 121(4 Suppl 1), S11-19.
11. Niaura, R., Hays, J. T., Jorenby, D. E., Leone, F. T., Pappas, J. E., Reeves, K. R., et al. (2008). The efficacy and safety of varenicline for smoking cessation using a flexible dosing strategy in adult smokers: a randomized controlled trial. *Curr Med Res Opin*, 24(7), 1931-1941 Epub 2008 May 29.
12. Baker, T. B., Cummings, K. M., Hatsukami, D. K., Johnson, C. A., Lerman, C., Niaura, R., et al. (2009). Transdisciplinary Tobacco Use Research Centers: research achievements and future implications. *Nicotine Tob Res*, 11(10), 1231-1244; PMID: PMC2746833 [Available on 2010/10/1].
13. Lloyd-Richardson, E. E., Stanton, C. A., Papandonatos, G. D., Shadel, W. G., Stein, M., Tashima, K., et al. (2009). Motivation and patch treatment for HIV+ smokers: a randomized controlled trial. *Addiction* 104(11): 1891-900. Epub 2009 Aug 28; PMID: PMC2763031
14. Stanton, C. A., Lloyd-Richardson, E. E., Papandonatos, G. D., de Dios, M. A., & Niaura, R. (2009). Mediators of the relationship between nicotine replacement therapy and smoking abstinence among people living with HIV/AIDS. *AIDS Educ Prev*, 21(3 Suppl), 65-80.
15. Strong, D. R., Kahler, C. W., Leventhal, A. M., Abrantes, A. M., Lloyd-Richardson, E., Niaura, R., et al. (2009). Impact of bupropion and cognitive-behavioral treatment for depression on positive affect, negative affect, and urges to smoke during cessation treatment. *Nicotine Tob Res*, 11(10), 1142-1153.

#### **D. Research Support**

##### **Pending Research Support**

Role: Co-Investigator

R01 CA155489-01A1                      Graham (PI)                      07/01/2011 – 06/30/2016

*Improving Adherence to Web-Based Cessation Programs: A Social Network Approach*

This study will compare the efficacy of an interactive, evidence-based smoking cessation website (WEB) alone and in conjunction with free NRT and a theory-driven, empirically-informed social network (SN) protocol designed to integrate participants into the online community and improve adherence to use of evidence based interventions.

##### **Active Research Support**

Role: Co-Investigator

R01 DA023190                      Brown (PI)                      09/28/2007 – 03/31/2012

*Sequential Use of Fluoxetine for Smokers With elevated Depressive Symptoms*

This study is a randomized, double-blind, placebo controlled trial of fluoxetine among smokers with elevated depressive symptoms.

Role: Co-Investigator

R01 CA129226                      Stein (PI)                      09/24/2008 – 07/31/2013

*Varenicline versus Nicotine Replacement for Methadone-Maintained Smokers*

This study compares two forms of pharmacotherapy - combination nicotine- replacement-therapy versus non-nicotine-replacement therapy with varenicline - against varenicline-placebo among methadone- maintained cigarette smokers.

## Completed Research Support (past 3 years)

Role: Principal Investigator

P50 CA084719

Niaura (PI)

09/30/2004 – 09/29/2010

*Transdisciplinary Tobacco Use Research Center (TTURC): Nicotine Dependence: Phenotype, Endophenotype & Contexts*

Core A (Niaura, PI): Administrative and Scientific Leadership Core

Project 1 (Buka, PI): Multigeneration Study of Nicotine Dependence Phenotypes

Project 2 (Niaura, PI): fMRI Study Of Nicotine Exposure In Discordant Sib-Pairs

Project 3 (Rende, PI): Social Contexts and Patterns of Young Adult Smoking

The goal of this P50 project was to identify familial, early childhood and lifetime biopsychosocial pathways that determine: lifetime patterns of smoking uptake, use and cessation and the associated patterns of dependence.

Role: Principal Investigator

R01 DA018079

Stanton (Co-PI)

08/05/2005 – 07/31/2010

*Reducing Ethnic Health Disparities: Motivating HIV+ Latinos to Quit Smoking*

The major goal of this project was to develop and evaluate a clinic based culturally tailored smoking cessation treatment for a largely low-income, Latino, HIV+ population.

Role: Co-Investigator

R21 HL092340

Serber (PI)

09/15/2008 – 07/31/2010

*Cardiac Autonomic Regulation Enhancement through Exercise (Care-E) Trial*

The purpose of this study was to evaluate the efficacy of programmed exercise in decreasing risk for cardiac arrhythmias.

Role: Co-Investigator

FAMRI Clinical Innovator Award

Stroud (PI)

07/01/2007 – 06/30/2010

*Maternal Smoking: Fetuses in Withdrawal*

The purpose of this study was to examine the possibility of a withdrawal process in fetuses exposed to maternal smoking during pregnancy.

Role: Co-Investigator

R01 DA019558

Stroud (PI)

06/01/2005 – 05/31/2010

*Prenatal Smoking, Fetal Behavior and Infant Withdrawal*

This project involved an intensive examination of effects of prenatal smoking on fetal and infant neurobehavior and neuroendocrine functioning (cortisol reactivity).

Role: Co-Investigator

R01 CA104836

Graham (PI)

08/25/2004 – 05/31/2010

*Internet and Telephone Treatment for Smoking Cessation*

The major goal of this study was to evaluate the efficacy of the Internet alone and in conjunction with proactive telephone counseling in promoting smoking cessation.

Role: Co-Investigator

R01 DA016795

Rende (PI)

09/30/2003 – 06/30/2008

*Sibling Influence on Smoking In Everyday Settings*

The goal of this project was to study sibling effects on smoking to understand the social processes through which siblings link broader family risk factors (i.e., parenting) with extrafamilial risk (e.g., peer influences) during the transition to adolescence.

Role: Co-Investigator

R01 HL075561

Bock (PI)

07/01/2004 – 06/30/2008

*Tailored Exercise Support for Cardiac Patients*

The goal of this project was to test the efficacy of a tailored, motivation-matched intervention to enhance the maintenance of physical activity following Cardiac Rehabilitation.