

BIOGRAPHICAL SKETCH

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NAME Raymond Niaura, Ph.D.	POSITION TITLE Associate Director for Science		
eRA COMMONS USER NAME RNiaura			
EDUCATION/TRAINING			
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 have extensive experience in design and deployment of large scale cessation intervention research studies, and analysis of clinical trial longitudinal data.

B. POSITIONS AND HONORS

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

Other Experiences and Professional Memberships

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

C. SELECTED, RECENT PEER-REVIEWED PUBLICATIONS (FROM OVER 230)

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.
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.
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.
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*.
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

Ongoing Research Support

Role: Principal Investigator

#P50CA84719-05

09/30/2004 – 09/29/2010

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

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

Goal: To provide overall scientific leadership, oversight of training/mentoring and administrative support to all projects, pilot studies and cores.

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

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

Goal: To examine the relative contribution of familial and environmental factors in determining motivationally-relevant fMRI BOLD neural signal activation which may confer risk for nicotine dependence.

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

Role: Co-Principal Investigator (Stanton, Co-PI)

#RO1DA018079

08/05/2005–07/31/2010

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

The major goal of this project is to look at the outcome of Latinos receiving Culturally Tailored Intervention as compared with Latinos receiving Standard Care Interventions.

Role: Co-Investigator

R01 DA019558-01 (Stroud, PI) 06/01/2005 – 05/31/2010

Prenatal Smoking, Fetal Behavior and Infant Withdrawal

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

Role: Co-Investigator

RO1 DA023190-01A1 (Brown, PI) 09/28/2007 – 06/30/2011

Sequential Use of Fluoxetine for Smokers With elevated Depressive Symptoms

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

Role: Co-Investigator

Clinical Innovator Award FAMRI (Stroud, PI) 07/01/2007 – 06/30/2010

Maternal Smoking: Fetuses in Withdrawal

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

Role: Co-Investigator

R21 HL092340-01A1 (Serber, PI) 09/15/2008 – 07/31/2010

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

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

Role: Co-Investigator

RO1 CA129226-01A1 (Stein, PI) 09/24/2008 – 07/31/2013

Varenicline versus Nicotine Replacement for Methadone-Maintained Smokers

The purpose of this study is to compare the efficacy of longterm use of varenicline and combination nicotine replacement therapy for smoking cessation among methadone maintained smokers.

Completed Research Support

Role: Co-Investigator

#R01CA84392-03 (Stein, PI) 06/2001 – 05/2005

Smoking Cessation Among Methadone Maintained Patients

Role: Co-Investigator

#5R01HD043844-02 (Stroud, PI) 06/01/2003 – 05/31/2007

Prenatal neuroendocrine mediators of young adult smoking

Role: Co-Investigator

#R01DA16795 (Stroud, PI) 9/03 – 6/08

Sibling influences on smoking in everyday settings

Role: Co-Investigator

#R01CA104836 (Graham, PI) 7/04 – 6/09

Internet and Telephone Treatment for Smoking Cessation

Role: Co-Investigator

#R01HL072819 (McCaffery, PI) 6/04 – 5/06

SES, health behaviors and early CVD in Vietnam-era Twins

Role: Co-Investigator

#R01HL075561 (Serber, PI) 7/04 – 6/08

Tailored Exercise Support for Cardiac Patients