

Richard J. O'Connor
Curriculum Vitae

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Employment	<i>Professor of Oncology</i>	November 2015–current
	<i>Member, Population Sciences Program</i>	
	<i>Associate Professor of Oncology</i>	May 2010–October 2015
	<i>Associate Member, Population Sciences Program</i>	
	<i>Assistant Professor of Oncology</i>	March 2007–May 2010
	<i>Assistant Member, Cancer Prevention Program</i>	
	<i>Affiliate Member</i>	January 2006–March 2007
	<i>Postdoctoral Fellow</i>	July 2004–December 2005
	Department of Health Behavior, Division of Cancer Prevention and Population Sciences Roswell Park Cancer Institute, Buffalo, NY	
	<i>Research Assistant</i>	August 1999 – August 2004
Department of Biobehavioral Health, College of Health and Human Development, Pennsylvania State University, University Park, PA		
<i>Research Associate</i>	May – August 1999	
The Advisory Board Company, Washington, DC		
Academic Appointments	Professor, Cancer Pathology and Prevention, Roswell Park Graduate Division, University at Buffalo. <i>Reappointment with Distinction, 2015.</i>	
	Adjunct Professor, Community Health and Health Behavior, School of Public Health and Health Professions, University at Buffalo	
	Research Assistant Professor, Epidemiology and Environmental Health, School of Public Health and Health Professions, University at Buffalo	

Education

Postdoctoral Training, Health Behavior
Roswell Park Cancer Institute, July 2004-December 2005
Mentor: K. Michael Cummings, Ph.D., MPH

Ph.D., Biobehavioral Health

The Pennsylvania State University, August 2004
Thesis advisor: Lynn T. Kozlowski, Ph.D.

Thesis title: *Refinement and application of unobtrusive methods for assessing behavioral blocking of filter vents on low tar cigarettes.*

B.A., Magna Cum Laude, Psychology (minor in Biology)

The George Washington University, May 1999

Publications in peer- reviewed journals (168)

Heckman BW, Cummings KM, Hirsch AA, Quisenberry AJ, Borland R, O'Connor RJ, Fong GT, Bickel WK. A novel method for evaluating the acceptability of substitutes for cigarettes: The experimental tobacco marketplace. *Tob Reg Sci*, in press.

O'Connor RJ, Rees VW, Rivard C, Hatsukami DK, Cummings KM. Internalized smoking stigma in relation to quit intentions, quit attempts, and current e-cigarette use. *Subst Abus*, in press.

Rousu MC, O'Connor RJ, Bansal-Travers M. Smokers' BMI and perceived health: Evidence of framing effects. *Prev Med Rep*, in press.

O'Connor RJ, Rousu MC, Bansal-Travers M, Vogl L, Corrigan JR. Using experimental auctions to examine demand for e-cigarettes. *Nicotine Tob Res*, in press.

O'Connor RJ, Schneller LM, Kozlowski LT. Do brand characteristics contribute significantly to variability in toxicant exposure in smokers? Data from NHANES 2007-2012. *Tob. Prev. Cessation* 2017;3(February):4. DOI: <https://doi.org/10.18332/tpc/67966>

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O'Connor RJ, Gartner C, Henriksen L, Hill S, Barnoya J, Cohen J, Malone RE. Blog fog? Using rapid response to advance science and promote debate. [Editorial] *Tob Control* 2017;26(2):121.

Caruso RV, Fix BV, Thrasher JF, Cummings KM, Fong GT, Stephens WE, O'Connor RJ. Differences in cigarette design and tobacco metal concentration across 5 countries: results from the International Tobacco Control (ITC) Study. *Tob Regul Sci* 2016;2(2):166-175. doi: 10.18001/TRS.2.2.7

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Delnevo CD, Hrywna M, Giovenco DP, Miller Lo EJ, O'Connor RJ. Close, but no cigar: certain cigars are pseudo-cigarettes designed to evade regulation. *Tob Control*. 2016. 10.1136/tobaccocontrol-2016-052935.

Hatsukami DK, Vogel RI, Severson HH, Jensen JA, O'Connor RJ. Perceived Health Risks of Snus and Medicinal Nicotine Products. *Nicotine Tob Res*. 2016;18(5):794-800. 10.1093/ntr/ntv200.

Meier E, Isaksson Vogel R, O'Connor RJ, Severson HH, Shields PG, Hatsukami DK. Preference for Flavored Noncombustible Nicotine Products Among Smokers Motivated to Switch From Cigarettes. *Nicotine Tob Res*. 2016;18(5):892-3. 10.1093/ntr/ntv259.

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O'Connor RJ, Thrasher JF, Bansal-Travers M. Exploring Relationships Among Experience of Regret, Delay Discounting, and Worries About Future Effects of Smoking Among Current Smokers. *Subst Use Misuse*. 2016;51(9):1245-50. PMC5008256.

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O'Connor RJ. *IOM Committee Report on Scientific Standards for MRTP studies: A summary* National Conference on Tobacco or Health, Kansas City, MO, August 15-17, 2012.

O'Connor RJ. Chair. *Symposium 6: Contraband Tobacco and Smoking Behavior*. SRNT Annual Meeting, Toronto, ON, Feb 16-19 2011.

O'Connor RJ. Postmarketing surveillance and recordkeeping. *Preconference Workshop: Research Needs Relevant to US FDA Legislative Authority to Regulate Tobacco Products*. SRNT Annual Meeting, Baltimore, MD, Feb 24, 2010.

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**Funding
(Active)**

Evaluating How Tobacco Control Policies are Shaping the Nicotine Delivery Market
P01 CA200512 (Cummings/Fong)
4/01/2016 – 3/31/2021

This study leverages the ITC framework to examine how policy differences across countries affect vaporized nicotine product use, nicotine delivery and toxicant profiles across a range to electronic nicotine delivery system products.

Role: Project Director (1.50 CM)

Assessing the impact of differing pharmacy tobacco retail displays on smokers' awareness, perceptions, and intentions to quit

R21 CA198824 (Bansal-Travers)
6/1/2016 – 5/31/2018

The goal of this project is to take advantage of an on-going natural experiment in the three largest US pharmacy chains to better understand consumer perceptions of differences in point-of-sale advertising for using and quitting tobacco, particularly how it is received, understood, an

acted on by young adult cigarette smokers.

Role: Co-investigator (0.60 CM)

Nicotine delivery from novel non tobacco electronic systems

R01 DA037446 (Goniewicz)

9/01/2014 – 8/31/2019

This study seeks to examine nicotine delivery characteristics across a range to electronic nicotine delivery system products to inform regulatory science.

Role: Co-investigator (0.60 CM)

Models for tobacco product evaluation

U19 CA157345 (Hatsukami)

9/01/2012 – 8/31/2017

This Program project seeks to develop a science base for Food and Drug Administration evaluation of novel tobacco products claiming modified risk, with particular focus on consumer behaviors and perceptions

Role: Project Director (1.80 CM)

Building the evidence of effective and sustainable cigarette warning label policy

R21 DA036476 (Thrasher)

7/1/2012 - 6/30/2017

The goal of this project is to identify the cigarette health warning label policy characteristics that produce the most effective and sustainable impact on adult smokers.

Role: Co-investigator (0.12 CM)

**Funding
(Completed)**

Influence of advertising and product type on e-cigarette demand among smokers

R21 DA036476 (O'Connor)

09/01/2013 - 08/31/2016

This project seeks to extend experimental auction methodology to understand demand for and factors related to continued use of electronic cigarettes.

Role: Principal Investigator (1.20 CM)

Exploring current smokers' interest in using smokeless tobacco products

R01 CA141609 (O'Connor)

07/01/2009 - 06/30/2016

This project seeks to utilize complementary approaches that address different aspects of the relationship of price to smokeless tobacco product adoption, considering other mediating and moderating factors.

Role: Principal Investigator (1.20 CM)

Effectiveness of tobacco control policies in high vs. low income countries

P01 CA138389 (Cummings)

07/01/2009 - 06/30/2016

This Program project seeks to develop a science base for policies implemented in response to the Framework Convention on Tobacco Control (FCTC).

Role: Project Director (1.20 CM)

International Tobacco Policy Survey

R01 CA100362 (Fong)

09/01/2009 - 08/31/2015

This project supports the ITC surveys in the United States, Canada, Australia, and the UK, focused on examining the effectiveness of FCTC policies.

Role: Co-investigator (in kind)

Objective imaging-based assessment of smoking behavior from used filters

R21 CA160825 (O'Connor)

07/01/2011 - 06/30/2014

This project seeks to develop and refine advanced image analysis techniques to link filter color and stain pattern to smoking topography and biomarkers of exposure.

Role: Principal Investigator

Tobacco policy evaluation in China and South Korea: The ITC Asia study

R01 CA125116 (Fong)

03/01/2008 - 03/31/2013

The purpose of this project is to examine Chinese and Korean smokers' reactions to policies related to FCTC. The RPCI component included pilot testing of biomarker collection and analysis in Chinese smokers, and monitoring Chinese cigarettes for our repository.

Role: Co-investigator

LC-MS analysis of DNA adducts of aromatic amines

R01 CA069390 (Vouros)

08/01/2010 - 07/31/2013

This study seeks to apply LC-MS/MS technology to examining amine-DNA adducts in urothelial cells of smokers before and after smoking cessation.

Role: Co-investigator

Evaluating Low Ignition Propensity Cigarette Legislation

R01 CA117108 (O'Connor)

09/01/2006 – 8/31/2011

This study sought to evaluate epidemiological and biobehavioral effects of mandating low ignition propensity cigarettes in the US and Canada.

Role: Principal Investigator

Building the Evidence Base for Tobacco Control Policies

P50 CA111236 (Cummings)

09/01/2004 – 8/31/2010

This study sought to examine cross-country differences in tobacco control policy effectiveness.

Role: Co-investigator (Years 1-2); Project Director (Years 3-5)

Laboratory assessment of tobacco use behavior and exposure to toxins among users

N01PC64402-4-0-0 (Shields)

09/01/2006 – 8/31/2011

This contract focused on developing methods and measures for assessing tobacco products.

Role: Co-investigator

**Institutional
Service**

Director of Graduate Studies, Department of Cancer Pathology and Prevention, Roswell Park Cancer Institute Graduate Division, University at Buffalo. 2013 – current.

Curriculum Committee. Roswell Park Cancer Institute Graduate Division, University at Buffalo. 2013 – current.

Conflict of Interest Committee. Roswell Park Cancer Institute. 2013 – current.

Chair, *Faculty Search Committee*, Health Behavior, Roswell Park Cancer Institute. 2012; 2015-6.

Faculty Search Committee, Office of Cancer Health Disparities, Roswell Park Cancer Institute. 2013-14.

Editorial Activities

Senior Editor, Tobacco Control, 2016-present.

Senior Associate Editor, Tobacco Regulatory Science, 2015 – present.

Co-Section Editor, Health Behavior, Promotion, and Society, BMC Public Health, 2011 – 2012.

Associate Editor, BMC Public Health, 2009 – 2011.

Guest Co-Editor, “The Environmental Burden of Cigarette Butts.” *Tob Control* 2011; 20(Suppl 1).

Ad Hoc Reviewer for: Addiction; Addict Behav; Am J Prev Med; Am J Epidemiology; Am J Public Health; Anal Chem; Ann Behav Med; Biol Psychiatry; BMC Public Health; BMC Health Services Research; Cancer Epidemiol Biomarkers Prev; Drug Alcohol Depend; Harm Reduct J; Health Affairs; Health Econ; Health Educ Res; Health Promot Pract; Inhal Toxicol; J Health Care Poor Underserv; J Addict Med; J Anal Toxicol; Med Oncol; Neuropsychopharm; Nicotine Tob Res; Pharmacol Biochem Behav; Prev Med; Tob Control; Trials.

Professional Activities

Member, Tobacco Products Scientific Advisory Committee, Center for Tobacco Products, Food and Drug Administration, April 2014 – March 2018.

Consultant, Center for Tobacco Products, Food and Drug Administration, July 2013 – April 2014.

Consultant, Tobacco Constituents Subcommittee, Tobacco Products Scientific Advisory Committee, Food and Drug Administration, June - July 2010.

Member, Institute of Medicine Committee, “Scientific Standards for Studies of Modified Risk Tobacco Products.” 2011.

3rd Meeting of the WHO Tobacco Laboratory Network (TobLabNet)
Sponsored by the World Health Organization Tobacco Free Initiative
London, UK, November 26-28, 2007.

4th Meeting of the WHO Study Group on Tobacco Product Regulation (TobReg)
Sponsored by the World Health Organization Tobacco Free Initiative
Stanford, CA, July 25-27, 2007.

Defining the Upper Limits for Tobacco Toxicants, Third Working Group Meeting
Sponsored by the World Health Organization Tobacco Free Initiative and International Agency for Research on Cancer
San Diego, CA, March 23-24, 2007.

Translating Tobacco Laboratory Data into Meaningful Tobacco Control Regulatory Practice.
Sponsored by the World Health Organization Tobacco Free Initiative and the German Ministry of Health.
Berlin, Germany, March 6-7, 2007.

2nd Meeting of the WHO Tobacco Laboratory Network (TobLabNet)
Sponsored by the World Health Organization Tobacco Free Initiative
Beijing, China, November 20-22, 2006.

Advanced Training Institute on Health Behavior Theory.
Sponsored by the National Cancer Institute and the Office of Behavioral and Social Sciences Research
Madison, WI, June 19-26, 2005.

Forum on Harm Reduction in Tobacco Control.
Sponsored by the Canadian Council for Tobacco Control
Ottawa, ON, April 23, 2004.

**Courses
Taught**

Cancer Control and Prevention (PTR 500), Roswell Park Graduate Division, University at Buffalo.
Fall 2014-15.

Tobacco Control (PTR/CHB 528), Roswell Park Graduate Division & School of Public Health and Health Professions, University at Buffalo. Spring 2015, 2017.

Guest Lecturer, Health Behaviors, *Oncology for Scientists II*, Roswell Park Graduate Division, University at Buffalo. Spring 2012-15.

Guest Lecturer, Nicotine Addiction, *Principles of Community Health and Health Behavior*, School of Public Health and Health Professions, University at Buffalo. Fall 2012-15.

**Research
Interests**

Biobehavioral influences on smoking initiation, maintenance, and cessation
Tobacco regulatory science and policy
Use of alternative nicotine and tobacco products
Risk perceptions of tobacco and nicotine products
Harm reduction
Ethics in health communication and health policy
Unobtrusive methods for assessing intake of cigarette smoke in smokers

**Teaching
Interests**

Cancer control & prevention
Psychopharmacology
Health psychology & behavioral medicine
Public health
Research methods/Data analysis
Ethics in health research & health promotion