

International Tobacco and Health Research and Capacity Building Program

Program Review 2002-2012



Fogarty International Center

With co-funding partners:

National Cancer Institute
National Institute on Drug Abuse
National Institutes of Health, Office of the Director

Executive Summary.....	3
1.0 Introduction and Background	8
1.1 Program Review	8
1.2 Methodology.....	8
2.0 Program Background and Landscape	10
2.1 The Framework Convention on Tobacco Control	10
2.2 Program Background	11
2.3 TOBAC Program Purpose and Scientific Objectives	12
2.4 Program Model	12
2.5 Program Niche within NIH	13
3.0 Program Management and Partnerships	16
3.1 Applications.....	16
3.2 Funding by IC Program Partners	17
3.3 Program Snapshot by Region.....	19
3.4 Program Snapshot by Research Category.....	21
4.0 Program Results	23
4.1 Enhanced Empirical Evidence	23
4.1.1 Tracking TOBAC awards to the FCTC.....	24
4.1.2 Publications, Citations, and Presentations of TOBAC Grantees	29
4.1.3 Competitive Renewal of 2002 and 2007 Projects.....	32
4.2 Enhanced Research Capacity	32
4.2.1 Trainees.....	33
4.2.2 Partnerships and Collaborations.....	35
4.2.3 Notable TOBAC Capacity Building Models.....	36
4.3 Policy and Program Outcomes.....	41
4.3.1 Research Evidence and Capacity Informing Policy.....	42
4.3.2 Changes in Public Health Practice.....	46
5.0 Conclusion	47
Acronyms.....	49
Appendices (currently another document)	49

Executive Summary

Globally, tobacco is responsible for 16% of deaths among men and 7% among women¹ and represents one of the most significant threats to global health. To meet this challenge, the Fogarty International Center (FIC), and its partnering Institutions, the National Cancer Institute (NCI), the National Institute on Drug Abuse (NIDA), and Office of Behavioral and Social Sciences Research (OBSSR) at NIH, established the International Tobacco and Health Research and Capacity Building Program (TOBAC). The program has sought to increase collaborations between investigators in the United States and other high-income countries (HIC) and researchers, institutions, and scientists in low- and middle-income countries (LMICs).

	<u>Applications Received</u>	<u>Grants Awarded</u>	<u>% Funded</u>
2002	64	14	22%
2007	37	11	30%
2012	41	9	22%
TOTAL	142	34	24%

Collaborations

This program encourages grantees to create a global network of researchers by forging new partnerships and collaborations. To this end, grantees from 2002-2012 have been successful establishing working relationships with researchers from more than 30 countries.

Program Goals

The program solicits collaborative research and capacity building projects that address the burden of tobacco use in low-and middle-income countries (LMICs) by:

- Pursuing observational, intervention and policy research of LMIC relevance and;
- Building capacity in epidemiological and behavioral research, prevention, treatment, communications, implementation, health services and policy research.

¹ Eriksen, M., MacKay, J., and Ross, H. *The Tobacco Atlas 4th Edition*. Atlanta, GA: American Cancer Society.

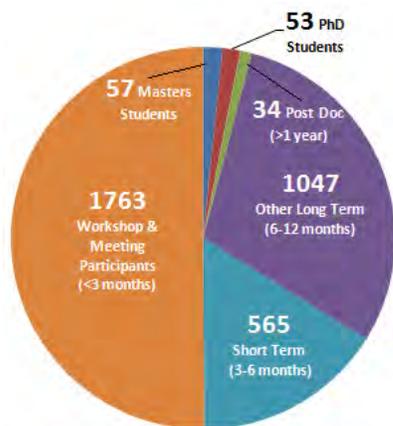


Scientific Publications

Publications allow program grantees to share relevant and important research evidence with the global tobacco community. To date, more than 400 articles have been published with TOBAC support. For a complete list of publications, please see Appendix F.

Year*	Journal Articles	Books Published	TOTAL
2002	205	5	210
2007	200	6	169**
TOTAL	405	11	416

* year indicates first grant funding year
 **we would expect the 2007 cohort to still be publishing

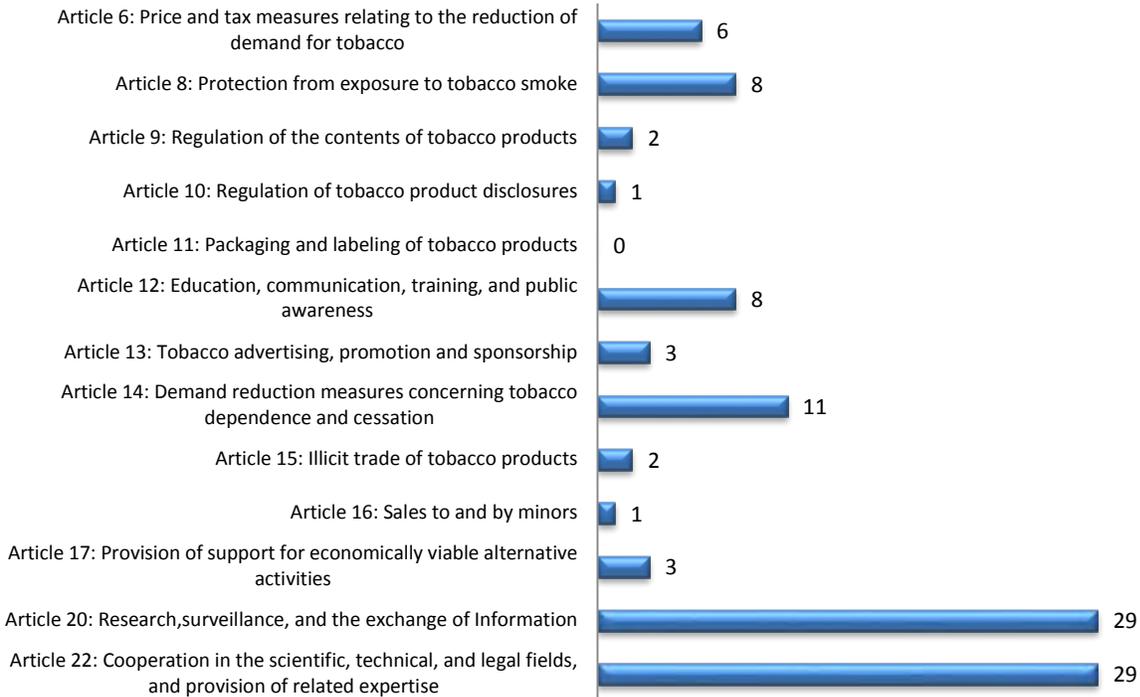


Training Tobacco and Health Researchers

Training the next generation of tobacco scientists is an integral feature of TOBAC. To date, more than **3,500** individuals have received tobacco control research training through long-term mentorship, meeting/workshop support, and/or short courses.

The Framework Convention on Tobacco Control

The Framework Convention on Tobacco Control (FCTC), the first treaty ever negotiated under the auspices of WHO, aims to “protect present and future generations from the devastating health, social, and environmental and economic consequences of tobacco consumption and exposure to tobacco smoke by providing a framework for tobacco control measures.” TOBAC projects have successfully provided empirical evidence on almost all articles of the FCTC.



Generating Evidence and Capacity

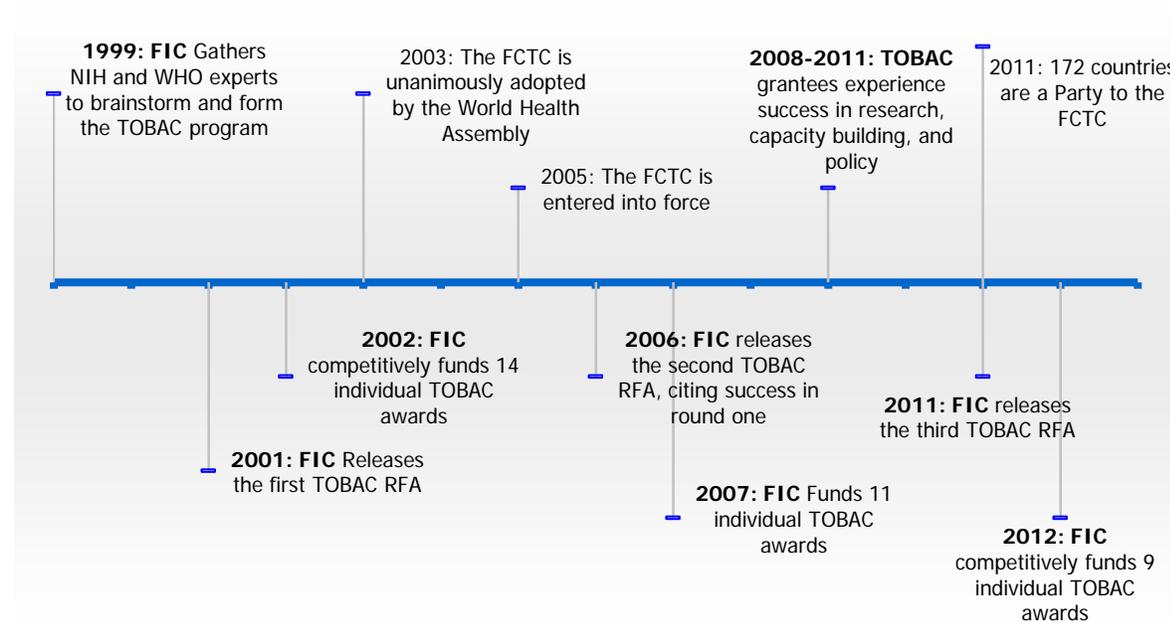
TOBAC grantees have contributed to progress on multiple FCTC articles with evidence generation that has informed policy in LMICs.

Hungary - In Hungary, a country with some of the highest smoking rates in Europe, local investigators from TOBAC-supported studies demonstrated that taxes are an effective policy intervention for reducing smoking prevalence. Scientific findings were presented to legal and public health officers in the local governments. During the four years following this dissemination of evidence, tobacco sales taxes were increased nine times, an example of how evidence and data can help inform sound national health policy. In addition, following engagement with local researchers trained in the TOBAC program, the State Secretary's cabinet passed national clean air laws that protect non-smokers in public places.

Syria - Smoking has long been a popular pastime in the Middle East. Syria is no exception, where more than half of men smoke cigarettes and women are increasingly taking up the habit. Hookahs, or water pipes, are also prevalent partly because of the erroneous perception that they are a "cleaner," "safer" way of consuming tobacco. TOBAC supported a US-Syrian research partnership, which produced the first-ever population surveys on smoking prevalence, as well as additional studies on toxicity, dependence, and on the effectiveness of various cessation approaches and the impact of secondhand smoke. Information generated by the project has been used to inform the country's health policies, including a ban on public smoking.

Program Timeline

Since the TOBAC program's inception in 2001, the tobacco research field has experienced landmark successes. Key milestones in tobacco control are illustrated below, including those specific to the TOBAC program.



2002-2012 TOBAC Grants

<u>Year(s) of Award</u>	<u>Grant Title</u>	<u>Principal Investigator</u>
2002	Asian Leadership Training for Tobacco Control Research	Ferry, Linda Hyder
2002	Cessation Research and Training in India and Indonesia	Lando, Harry Alan
2002	Egypt Smoking Prevention Research Initiative	Israel, Ebenezer
2002	Establishment of the Syrian Center for Tobacco Studies	Ward, Kenneth D.
2002	Mobilizing Youth for Action Against Tobacco in India	Perry, Cheryl Lee
2002	Monitoring tobacco mortality in 2M adults in 4 countries	Peto, Richard
2002	South Africa Adolescent Smoking: A Longitudinal Study	Brook, David William
2002 & 2007	Strengthening monitoring of Indian tobacco mortality	Jha, Prabhat
2002	Technology Assisted Dominican Republic Tobacco Control	Ossip, Deborah J.
2002	Tobacco Control in S. Africa: Prevention and Capacity Building	Resnicow, Ken A.
2002 & 2007	Tobacco Control Policy Analysis & Intervention Evaluation in China	Hu, Teh-Wei
2002	Tobacco Use Among Argentinean Youth: A Cohort Study	Perez-Stable, Eliseo J
2002	Psu-Western & Southern African Tobacco Research Project	King, Gary
2002 & 2007	Epidemiology & Intervention Research for Tobacco Control	Samet, Jonathan M.
2007	SMS Turkey: Harnessing the power of TXT messaging to promote smoking cessation	Ybarra, Michele
2007	The Political Economy of Tobacco Control in Southeast Asia	So, Anthony D.
2007	Increasing Capacity for Tobacco Research in Hungary	Foley, Kristie L.

2007	Advancing Cessation of Tobacco In Vulnerable Indian Tobacco consuming Youth	Reddy, Srinath K.
2007	Building Capacity of Tobacco Cessation in India & Indonesia	Nichter, Mark A.
2007	Network for Tobacco Control among Women in Parana, Brazil	Scarinci, Isabel C.
2007 & 2012	Responding to the changing tobacco epidemic in the Eastern Mediterranean Region	Maziak, Wasim
2007	Tobacco Control Research and Training in South America	Perez-Stable, Eliseo J.
2012	Capacity Building for Tobacco Control in Tunisia, North Africa & Middle East	Lando, Harry Alan
2012	Tobacco Control Network among Women in Parana, Brazil - II	Scarinci, Isabel C.
2012	Cinema Smoking and Youth Smoking in Latin America	Sargent, James and Thrasher, James
2012	Building Capacity for Tobacco Research in Romania	Foley, Kristie L.
2012	From Production To Retailing: Policy-Oriented Research On Tobacco Economy In Argentina	Champagne, Beatriz Marcet and Schoj, Veronica
2012	Tobacco Control Policy Analysis & Intervention Evaluation in China and Tanzania	Hu, Teh-Wei
2012	Preventing tobacco use among adolescents in Uruguay: Project Activate	Stigler, Melissa Harrell
2012	Building Research and Capacity on the Economic Policy-Tobacco Control Nexus in Africa	Drope, Jeffrey