

Tobacco Control Research Branch (TCRB)

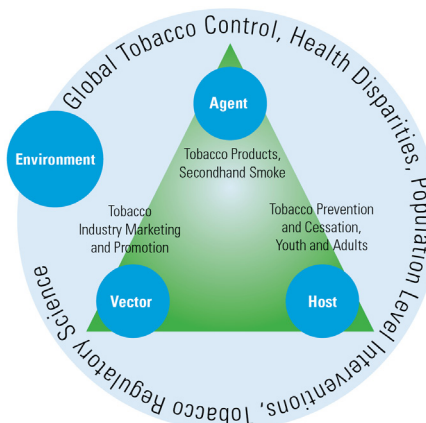
tobaccocontrol.cancer.gov

About TCRB

Mission

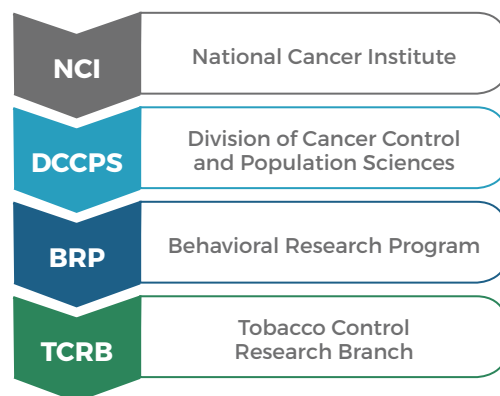
TCRB leads and collaborates on research and disseminates evidence-based findings to prevent, treat, and control tobacco use in order to create a world free of tobacco use and related cancer and suffering.

TCRB funds research grants, cooperative agreements, and contracts; sponsors conferences and symposia; and communicates the findings of cutting-edge tobacco control science.



This epidemiologic model highlights the breadth of the topics included in the branch's research portfolio.¹

Organizational Structure



Major Research Initiatives



Cancer Center Cessation Initiative: This initiative was launched as part of the NCI Cancer MoonshotSM program to help cancer centers build and implement sustainable tobacco cessation treatment programs to address tobacco cessation with cancer patients. Financial and technical resources are provided to expand existing efforts by NCI-designated cancer centers to help their patients who are smokers to stop smoking, thereby improving long-term treatment outcomes. <https://cancercontrol.cancer.gov/brp/tcrb/cessation-initiative.html>



U.S. Tobacco Control Policies to Reduce Health Disparities Funding Opportunity Announcement (FOA) PAR-18-675: The purpose of this FOA is to support observational or intervention research focused on reducing health disparities in tobacco use in the U.S. Specifically, this FOA is intended to stimulate scientific inquiry focused on innovative tobacco control policies.



Tobacco Use and HIV in Low and Middle Income Countries PAR-18-023: This effort by the NCI and National Institute on Drug Abuse (NIDA) supports research focused on the development and evaluation of tobacco cessation interventions tailored to HIV-positive populations, including those with co-morbidities such as tuberculosis in low-resource settings.



Improving Smoking Cessation in Socioeconomically Disadvantaged Populations via Scalable Interventions PAR-18-251: This FOA is intended to stimulate research efforts aimed at the development of smoking cessation interventions that are targeted to socioeconomically disadvantaged populations, and could be made scalable for broad population impact.



Smoking Cessation and Lung Cancer Screening: This NCI-sponsored initiative supports research on smoking cessation treatment for long-term smokers who are screened for lung cancer using low-dose computed tomography. Members of the Smoking Cessation at Lung Examination (SCALE) Collaboration selected measures they considered important to share for research in this setting. This set of measures is called the "SCALE Special Measures Collection." <https://cancercontrol.cancer.gov/brp/tcrb/scale-collaboration.html>



National Institutes of Health (NIH) Tobacco Regulatory Science Program: This is a joint effort by the NIH and the Food and Drug Administration (FDA) under an interagency partnership to foster tobacco regulatory science research and protect public health. NCI-funded research is helping to develop an evidence base to inform the work of the FDA's Center for Tobacco Products to regulate the manufacture, marketing, and distribution of tobacco products. <https://prevention.nih.gov/tobacco-regulatory-science-program>

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Selected Projects



Tobacco Control Monograph Series: The NCI Tobacco Control Monograph Series provides ongoing and timely information about emerging public health issues in smoking and tobacco control. Monographs 1-22 are available online to download. <http://cancercontrol.cancer.gov/brp/tcrb/monographs/index.html>

Tobacco Use After Diagnosis: NCI partnered with the American Association for Cancer Research (AACR) to form the NCI-AACR Cancer Patient Tobacco Use Assessment Task Force, which in turn developed the Cancer Patient Tobacco Use Questionnaire (C-TUQ). The C-TUQ assesses tobacco use in the cancer setting at study entry and during follow-up. The questionnaire is available in English and Spanish. <https://cancercontrol.cancer.gov/brp/tcrb/tobacco-after-cancer-diagnosis.html>



Tobacco Use Supplement
Current Population Survey

Tobacco Use Supplement to the U.S. Census Bureau's Current Population Survey (TUS-CPS): Since 1992, TUS-CPS

has served as a key source of national and sub-national data on tobacco use behavior, attitudes, and policies in the U.S. <https://cancercontrol.cancer.gov/brp/tcrb/tus-cps>

Collaborative Research on Addiction (CRAN): The mission of CRAN is to provide a strong collaborative framework to enable the National Institute on Alcohol Abuse and Alcoholism, NIDA, and NCI to integrate resources and expertise to advance substance use, abuse, and addiction research and public health outcomes. <https://cancercontrol.cancer.gov/brp/tcrb/collaborative-research.html>



World Health Organization

Collaboration with the World Health Organization Tobacco Free Initiative: TCRB scientists regularly participate in activities

sponsored by the World Health Organization (WHO) Tobacco Free Initiative, including the WHO Study Group on Tobacco Product Regulation, whose purpose is to develop recommendations and advisories to aid the implementation of the Framework Convention on Tobacco Control. TCRB scientists have also contributed to the WHO's International Agency for Research on Cancer monographs on such subjects as involuntary smoking and smokeless tobacco. <http://www.who.int/tobacco/en>

Smoking Cessation Resources



Smokefree.gov Initiative: The Smokefree.gov Initiative (<http://smokefree.gov>) provides smokers who want to quit with free, evidence-based smoking cessation information and on-demand support. Since 2003, this initiative has been developing and disseminating web- and mobile-based interventions in English and Spanish. It currently includes 6 websites, 2 smartphone applications, 6 social media accounts, and 14 text messaging programs.

1-800-QUIT-NOW (1-800-784-8669), National Network of Tobacco Cessation Quitlines: The National Network of Tobacco Cessation Quitlines is a state/federal partnership that gives tobacco users in every state access to the tools and resources they need to quit smoking. Users can call the toll-free number to be connected to the quitline in their state.

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¹Tobacco control model of nicotine addiction. Giovino, G. A. (2002). Epidemiology of tobacco use in the United States. *Oncogene*, 21(48), 7326-7340. Adapted from: Orleans, C.T. and Slade, J. (1993). *Nicotine Addiction: Principles and Management*. New York: Oxford University Press, p. ix.