NCI Update

Robert T. Croyle, Director,
Division of Cancer Control and Population Sciences
CRAN Joint Council Meeting
May 16, 2018
Cancer Centers

69 NCI-Designated Cancer Centers

- 49 Comprehensive
- 13 Clinical
- 07 Basic

NCI-designated Cancer Centers are characterized by scientific excellence and the capability to integrate a diversity of research approaches to focus on the problem of cancer.

They play a vital role in advancing towards our goal of reducing morbidity and mortality from cancer.

Cancer Centers Benchmark Data
Integrating Smoking Cessation into Routine Care at NCI-Designated Cancer Centers

- Cancer Center Smoking Cessation Initiative provides financial and technical support to cancer centers so they can implement comprehensive smoking cessation services to at-risk patients.

- The project’s goal is to help make smoking cessation interventions part of routine care for tobacco-related cancers.

- Staff will receive training in:
  - initiating smoking cessation discussions,
  - integrating cessation interventions known to work into routine patient treatment,
  - using states’ quit lines, and
  - incorporating evidence-based smokefree.gov resources into care.

Tobacco Use Assessment and Treatment Capacity (second round under review)

Proposals submitted April 13, 2018
Funded by the Moonshot ($250K per year for 2 years)
Smoking Cessation within the Context of Lung Cancer Screening

- Funded in FY16
- Lung cancer screening with low-dose CT (LDCT)
  - recommended by USPSTF for high-risk individuals
  - private insurance and Medicare reimbursement
- Smoking cessation services should be incorporated into screening.

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<th>Grant Number</th>
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Modeling to guide public health research and priorities

CISNET is a consortium of NCI-sponsored investigators who use statistical modeling to improve our understanding of cancer control interventions in prevention, screening, and treatment and their effects on population trends in incidence and mortality. These models can be used to guide public health research and priorities, and they can aid in the development of optimal cancer control strategies.


Theodore R. Holford, PhD; Rafael Meza, PhD; Kenneth E. Warner, PhD; et al.


Benefits and Harms of Computed Tomography Lung Cancer Screening Strategies: A Comparative Modeling Study for the U.S. Preventive Services Task Force

Harry J. de Koning, MD; Rafael Meza, PhD; Sylvia K. Plevritis, PhD; Kevin ten Haaf, MSc; Viniti M. Munshi, MS; Jihyun Jeon, PhD; Sandeep Aycan Erdogan, PhD; Chung Yin Kong, PhD; Summer S. Hong, PhD; Joost van Rosmalen, PhD; Sung Eun Chei, SM; Paul F. Pinsky, PhD; Amy Berrington de Gonzalez, PhD; Christine D. Berg, MD; William C. Black, MD; Martin C. Yemmemaug, PhD; William D. Hazelton, PhD; Eric J. Feuer, PhD; Pamela M. McMahon, PhD

Patterns of Birth Cohort–Specific Smoking Histories, 1965–2009

Theodore R. Holford, PhD; David T. Levy, PhD; Lisa A. McKay, MPH; Lauren Clarke, MSc; Ben Racine, MSc; Rafael Meza, PhD; Stephanie Land, PhD; Jihyun Jeon, PhD; Eric J. Feuer, PhD
Evidenced-Based Research to Inform Tobacco Control

- Tobacco Control Monograph 21 in collaboration with WHO
  - Examined evidence of use, growth, manufacturing and trade; tax and price, and policies and interventions to reduce use and health consequences of tobacco.
  - Monograph 22 examined health disparities in initiation, secondhand smoke exposure, frequency and intensity, cessation, morbidity, and mortality.
Welcome to the Tobacco Control Policy tool

This website provides decision-makers and health professionals with estimates of the projected impact of four specific tobacco control policies on public health in the United States.

The estimates were derived from simulations of over 2,200 policy scenarios, with 30 million people per scenario, and calibrated for each state and Washington, DC. Read more about the tool or go directly to one of the policy pages below and explore the results.

Updates

3/24/2018: A detailed study protocol describing the methods behind the TCP tool is now freely available. Find out more at *PLOS Open*.

12/18/2017: Smoke-free air law coverage in restaurants, bars, and workplaces have been updated to reflect recent data compiled by the CDC & NCI State Cancer Profiles and American Nonsmokers' Rights Foundation (as of October 2, 2017). The percent of the population in non-smoking work environments now reflects survey data from the 2014-2015 Tobacco Use Supplement to the Current Population Survey (*TUS-CPS*)
Quit for You, Quit for Two
Quitting smoking before or during pregnancy is one of the most important things you can do to get you and your baby off to a healthy start.

I Want to Quit
My Quit Day
I Recently Quit
Staying Quit

Quitting is a Journey.
On this site you'll find support, tips, tools, and expert advice to help you or someone you love quit smoking.

Tools & Tips
Learn about different tools to help you quit and how to use them.

Smokefree Texting Programs
Using Nicotine Replacement Therapy
Speak to an Expert
Smokefree Apps
Build Your Quit Plan

How To Manage Cravings
What is HINTS?
HINTS collects data about the use of cancer-related information by the American public. These data provide opportunities to understand and improve health communication. Read More >

Get and Use HINTS Data
Download publicly available, nationally representative HINTS data for your next secondary analysis. Access Data >

Sign Up for HINTS Updates
Sign up to get updates on the latest HINTS data releases, publications, and website features.

Our Latest Tweets
In 2017, 25% of Americans participated in zero moderate-to-vigorous physical activity. #HINTS #HealthyLiving
Details: https://hints.cancer.gov/view-questions/topic/3/2597  
Posted on May 10, 2018
Visit our Twitter page >
Trends in Cancer Mortality by Locality and Within Rural Region (“Noncore”)
As mortality from cancer has fallen, rural-urban disparities have grown larger.
PRELIMINARY RESULTS


METHODS: The average annual percent change (AAPC) was calculated based on 2007–2016 mortality rates using the National Cancer Institute Joinpoint software. The nonmetropolitan trend was extended from the 2016 mortality rate until it crossed the target, assuming a constant AAPC.
Rural Cancer Control Initiatives

- **Meetings on Rural Topics and Issues**
  - National Academy meeting on small populations
  - Rural cancer control workshop
  - Agencies (e.g., HRSA) and organizations (e.g., National Rural Health Association)

- **Cancer Center Support Grant P30 Administrative Supplements** – to be funded in FY18

- **RFA in NIH Guide** – Improving the Reach and Quality of Cancer Care in Rural Populations

- Rural working groups within other initiatives
Cancer Moonshot Initiatives

- Accelerating Colorectal Cancer Screening and follow-up through Implementation Science
- Improving Management of Symptoms Across Cancer Treatments
- Approaches to Identify and Care for Individuals with Inherited Cancer Syndromes

- All 3 RFAs to be funded in summer 2018
ACCELERATING RURAL CANCER CONTROL RESEARCH MEETING

NIH - NATCHEZ CONFERENCE CENTER
BETHESDA, MD
MAY 30 - 31, 2018