

# A Strategic Plan for the NIH Office of Disease Prevention

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National Institutes of Health  
*Office of Disease Prevention*

# Prevention is Part of the NIH Mission

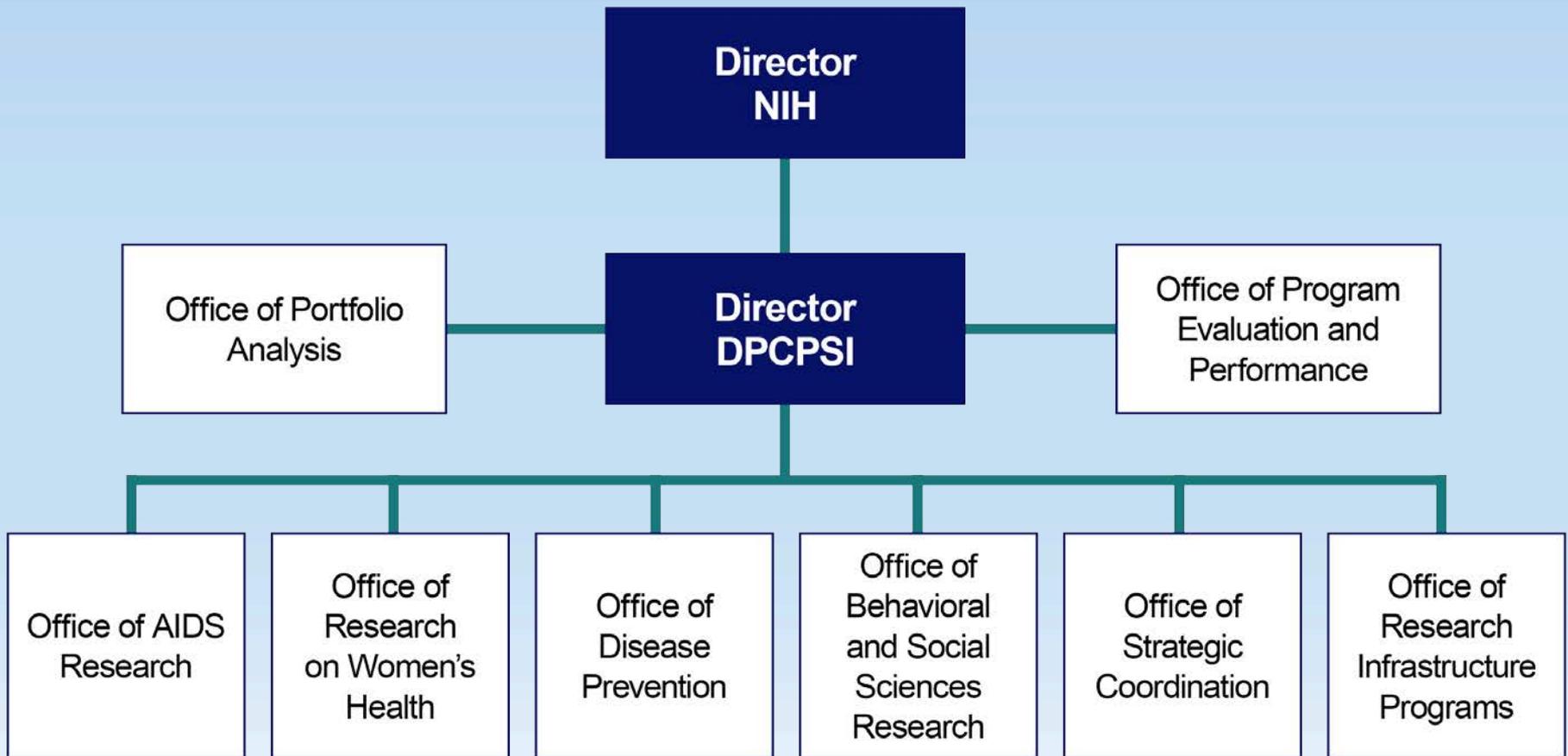
- NIH's mission is to seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability.
- The NIH provides leadership and direction to programs designed to improve the health of the Nation by conducting and supporting research in the causes, diagnosis, prevention, and cure of human disease.



# Examples of NIH Prevention Research

- The US Preventive Services Task Force
  - 55 statements with A or B recommendations based largely on NIH supported research.
- Tobacco Control
  - Tobacco use has declined from 46% in 1964 to about 18% today, with much of the research supported by NIH.
  - The new NIH Tobacco Regulatory Science Program will provide the basis for new FDA regulations regarding tobacco control.
- HIV Treatment as Prevention
  - Early antiretroviral therapy reduced transmission of HIV from an infected partner to an uninfected partner by 96%.

# The Office of Disease Prevention



# Mission of the Office of Disease Prevention

- The mission of the ODP is to improve the public health by increasing the scope, quality, dissemination, and impact of prevention research supported by NIH.
- ODP will fulfill this mission by providing leadership for the development, coordination, and implementation of prevention research in collaboration with the ICs and other partners.

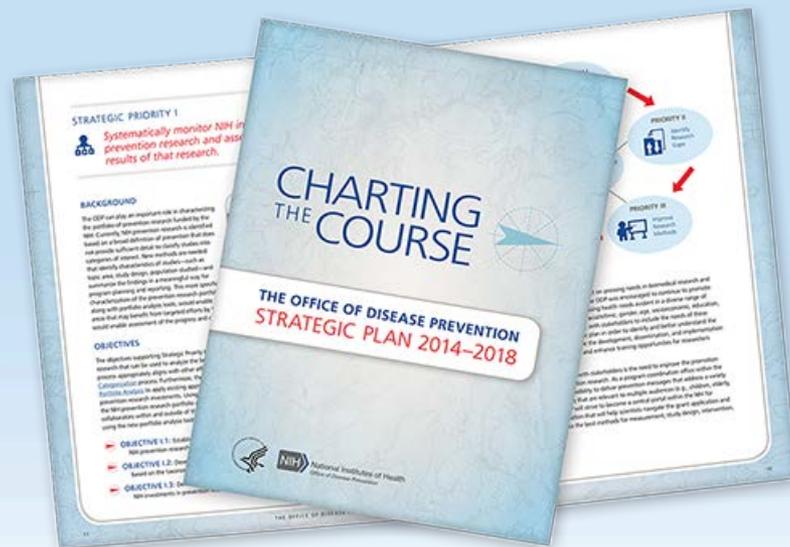


# ODP Today

- ODP co-funds NIH research projects, meetings, and workshops that support prevention research.
- ODP manages the Tobacco Regulatory Science Program.
- ODP is the NIH liaison to other DHHS activities and partners.
  - Healthy People 2020
  - National Prevention Strategy
  - U.S. Preventive Services Task Force
  - Community Preventive Services Task Force
- ODP offers evidence-based assessment programs
  - Pathways to Prevention
- ODP offers training and education
  - Mind the Gap, Gordon Lecture
- ODP is the OD Liaison to the National Children's Study

# ODP Strategic Plan for 2014-18

- Strategic Plan approved in January, 2014.
  - Six strategic priorities
  - Nineteen objectives
  - Five years to make progress
- Resource request approved in June, 2014



# Strategic Priority I

- Systematically monitor NIH investments in prevention research and assess the progress and results of that research.
  - Current methods have poor sensitivity and specificity and do not provide inadequate detail on features like outcome, exposure, study type, design, age group, etc.
  - ODP is developing new portfolio analysis tools to address these limitations.
    - Establish a taxonomy for prevention research that ODP can apply to analyze the NIH prevention research portfolio.
    - Develop, test, and implement portfolio analysis tools to classify NIH funding awards based on the taxonomy for prevention research.
    - Develop and implement a process to regularly assess the progress and results of NIH investments in prevention research.

# Strategic Priority II

- Identify prevention research areas for investment or expanded effort by NIH
  - Ongoing effort with AHRQ and CDC to improve coordination between the NIH and the USPSTF and the CPSTF.
    - Selection of members and topics
    - Review of draft research plans, evidence reports and recommendations
  - Insufficient Evidence survey of ICOs designed and implemented
    - Addressed 42 US Preventive Services Task Force 'I' statements
    - SPIV will work with ICs to consider new initiatives.
    - Planning annual survey updates

# Strategic Priority III

- Promote use of the best available methods in prevention research and support the development of better methods
  - Develop a list of existing NIH and other federal resources pertaining to prevention science methodology.
    - Developing an electronic rolodex for SROs to use to identify experts in prevention science methods for service on review panels.
    - Creating a list of FOAs relevant to prevention science methods to be posted on the ODP website.
  - Provide training in prevention science methods to NIH program and review staff and to extramural investigators.
    - Co-sponsored NHLBI workshop on innovative research designs.
    - Mind the Gap seminars featured prevention science methods.
  - Develop NIH FOAs that encourage innovative and improved approaches to prevention science.

# Strategic Priority IV

- Promote collaborative prevention research projects and facilitate coordination across the NIH and other entities
  - Coordinate NIH Funding Opportunity Announcements to address areas of need in prevention research.
    - PAR-14-315 (R01) & PAR-14-321 (R21/33) released 8/14 on Testing and Developing Interventions for Health-Enhancing Physical Activity
    - In FY14 ODP supported \$1.068 M in co-funding of workshops, grants and database projects.
  - Tobacco Regulatory Science Program
    - 51 new awards in the last year
    - FY14 budget of \$107M.

# Strategic Priority V

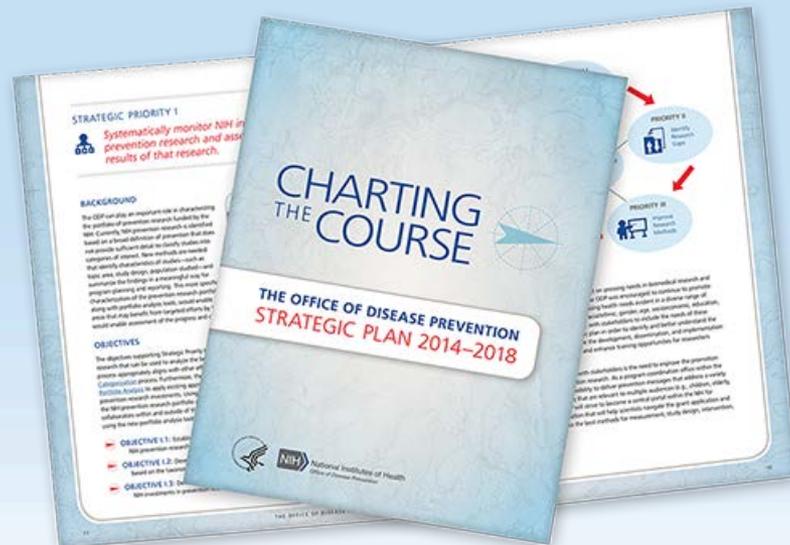
- Identify and promote the use of effective evidence-based interventions
  - Identify evidence-based interventions for disease prevention and present them in an organized structure.
    - Developed a list of databases of evidence-based prevention-related programs to present on ODP website
  - Enhance partnerships to promote dissemination of evidence-based disease interventions for disease prevention.
  - Enhance partnerships to promote research on dissemination and implementation of evidence-based interventions in prevention.

# Strategic Priority VI

- Increase the visibility of prevention research at NIH and across the country
  - Increase the availability of information about prevention research through the use of traditional and digital communication tools.
    - Research Highlights
      - Injury & Violence, Nutrition, Obesity, Physical Activity, Substance Abuse, Tobacco Use, Environmental Health (in development)
      - All include info on research activities, FOAs, advances, resources
    - ODP co-funded projects
    - Prevention-related meetings, news, and announcements
    - New website sections in development
      - Resources for researchers
      - Recently published journal articles on prevention research
      - Prevention research success stories

# Closing Thoughts

- Prevention research is very important at the NIH.
- The Strategic Priorities of the Office of Disease Prevention will help us to better characterize the NIH prevention portfolio, identify gaps, encourage the use of better methods, enhance collaborative research, disseminate effective programs, and increase the visibility of prevention research.



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