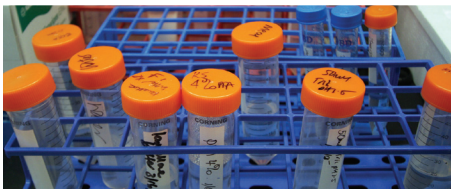




# FINDING CURES

Creating More Birthdays through Cancer Research



## How is the American Cancer Society **finding cures** today?

- The American Cancer Society is the largest private, not-for-profit source of funding for cancer research in the US.
- We fund groundbreaking research that helps...better understand cancer causes; determine how best to prevent cancer; and discover new ways to detect and treat cancer.
- Since 1946, the American Cancer Society has invested about \$3.5 billion in cancer research.
- The Society's program is distinguished by its funding of research in all body sites and types of cancer, with the largest allocations going toward cancers causing the greatest harm: breast, colon and lung.
- 44 American Cancer Society researchers have gone on to win the Nobel Prize, the highest accolade of scientific achievement.
- Our research dollars jump start careers. The Society seeks to identify the best and the brightest in order to launch their careers at a formative stage when this type of funding is scarce. Many of those who obtain future funding are quick to say: "I got my first grant from the American Cancer Society."
- Our research dollars bring targeted research to specific populations. Since 1999, the Society has directed up to 10 percent of its research funding to help eliminate disparities in health care for poor and underserved populations.
- A highly-competitive peer review process is used to determine what programs receive Society funding. Included in these panels are stakeholders — individuals who help ensure cancer relevance and patient impact is always considered.
- There are 40 National Cancer Institute-designated comprehensive cancer centers\* in the country, 30 of which are headed by scientists who received Society funding at an early stage in their careers. Five centers are located in Ohio and Pennsylvania including:
  - Abramson Cancer Center at the University of Pennsylvania, Philadelphia, PA
  - Case Comprehensive Cancer Center at Case Western Reserve University, Cleveland, OH
  - Fox Chase Cancer Center, Philadelphia, PA
  - The Arthur G. James Cancer Hospital and Richard J. Solove Research Institute at The Ohio State University, Columbus, OH
  - University of Pittsburgh Cancer Institute, Pittsburgh, PA
- All communities directly benefit from the substantial investment the Society has made in its research and training program. No matter where we live, we all gain from the research that increases our understanding of cancer and transforms how we prevent, detect, and treat cancer.

### CURRENT GRANTS IN THE EAST CENTRAL DIVISION (AS OF 4/1/2011):

88 grants totaling  
\$54 million

### TOTAL NUMBER OF NATIONAL GRANTS:

948 in effect totaling  
\$473 million



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*\*refers to a cancer center which has demonstrated depth and breadth of research activities in each of the three major areas: laboratory, population sciences or clinical research, with a substantial transdisciplinary research bridge among these areas.*



## The **American Cancer Society** was involved in many of the major cancer research **breakthroughs** of the century, including:

- Discovering BRCA1, a gene for inherited susceptibility to breast cancer
- Establishing the link between cigarette smoking and lung cancer
- Proving the safety and effectiveness of mammograms for the early detection of breast cancer
- Demonstrating the effectiveness of the Pap smear in detecting cervical cancer at its earliest, most treatable stage
- Increasing the survival rate of children with leukemia
- Discovering Velcade, a successful treatment for multiple myeloma
- Developing the prostate specific antigen test (PSA) for the early detection of prostate cancer
- Discovering genes for inherited forms of breast and colon cancer
- Affirming that one-third of all cancer deaths can be prevented through healthy eating and physical activity
- Increasing the survival rate of patients with chronic myelogenous leukemia through the use of Gleevec

For a complete timeline of the Society's research milestones, go to [cancer.org/research](http://cancer.org/research)

## Research today for a **cancer-free** tomorrow.

You can join the movement for funding cures by enrolling in the Cancer Prevention Study-3 (CPS-3). The American Cancer Society is inviting men and women between the ages of 30 and 65 years who have no personal history of cancer to join this historic research study. The ultimate goal is to enroll 500,000 adults from various racial/ethnic backgrounds from across the United States. By joining CPS-3, you can help us understand how to prevent cancer, which will save lives and give people more of their most precious resource: time. More time with their families and friends, more memories, more celebrations . . . and more birthdays. For more information about CPS-3 and the selected enrollment locations, please e-mail [cps3@cancer.org](mailto:cps3@cancer.org) or call toll-free 1-888-604-5888.



## All Society-funded research is dependent on **donor support**.

Scientists with Society grants work hard at finding cancer cures because they know their funding is made possible through hundreds and thousands of small and generous gifts. By providing your support, you can help with a gift of time or money that may unlock answers to cancer prevention or a more effective cancer treatment. Participate in or contribute to one of many Society events such as Relay For Life and Making Strides Against Breast Cancer.