Working Together Saves Lives
I Will Survive
Aging Baby Boomers Predicted to Drive Up Cancer Incidence
Genomic Structure

AMERICA THE BEAUTIFUL (1904 lyrics), by Katherine Lee Bates

A TCGATCGAT CGA TCGATCGA TCGAT
O BEAUTIFUL FOR SPACIOUS SKIES,
CGA TCGAT CGATCG GA TCGAT
FOR AMBER WAVES OF GRAIN,
CGA TCGAT CGATCGATCGATCGATCG
FOR PURPLE MOUNTAIN MAJESTIES
ATCG ATCG ATCG ATCG ATCGATCG
ABOVE THE FRUITED PLAIN!
ATCGATCG ATCGATCG ATCGATCG
AMERICA! AMERICA!
GAT CGAT CGA TCGAT CG ATCG
GOD SHED HIS GRACE ON THEE
ATCG ATCG ATCG ATCG ATCGATCGATCG
AND CROWN THY GOOD WITH BROTHERHOOD
CGAT CGA TC ATCGATCGA CGA FROM SEA TO SHINING SEA!

T CGATCGATCG ATCGATCGA TCGATCG
O BEAUTIFUL FOR PILGRIM FEET,
TCGAT CGATCG ATCGATCGGATCGATCG
WHOSE STEEN, IMPASSIONED STRESS
ATCGATCGATCGA TCG ATCGATCG ATCG
A THOROUGHFARE FOR FREEDOM BEAT
GATCGA TCG ATCGATCGATCG
ACROSS THE WILDERNESS!
CGATCGA TCG ATCGATCG
AMERICA! AMERICA!
ATCG ATCG ATCG ATCG ATCG ATCG
GOD MEND THINE EVERY FLAW,
ATCGATCG ATCG ATCG ATCG ATCG ATCG
CONFIRM THY SOUL IN SELF-CONTROL,
ATCG ATCG ATCG ATCG ATCG
THY LIBERTY IN LAW!

G ATCGATCGA TCG ATCGATCG ATCGA
O BEAUTIFUL FOR PATRIOT DREAM
TCGAT CGATCGA TCGATCG ATCG
THAT SEES BEYOND THE YEARS
GATCG ATCGATCGA TCGATCG ATCG
THINE ALABASTER CITIES GLEAM
ATCGATCG ATCG ATCG ATCG ATCG
UNDIMMED BY HUMAN TEARS!
TCGATCG ATCGATCG
AMERICA! AMERICA!
GAT CGAT CGA TCGAT CG ATCG
GOD SHED HIS GRACE ON THEE,
ATCG ATCG ATCG ATCG ATCG ATCG
AND CROWN THY GOOD WITH BROTHERHOOD
CGAT CGA TC ATCGATCGA CGA FROM SEA TO SHINING SEA!
Deciphering the Genetic Code

DNA → RNA → Protein → Cell & Tissue Function

AACR Cancer Progress Report 2013
The Impact of Genetic Mutations
Cancer Growth: Local and Global Influences
Risky Business

[Graph showing relative contribution to cancer incidence for various factors such as tobacco use, obesity, binge eating, unknown, physical inactivity, diet, occupational exposures, alcohol, reproductive factors, UV light, and environmental pollutants.]
Act Now to Reduce Your Cancer Risk

- Physical Activity
- Reduce Alcohol Intake
- Reduce Sun Exposure
- Healthy Diet
- Preventive Medicines
- Eliminate Tobacco Exposure
Beyond the Lungs: Cancers Caused by Tobacco Use
The Pathway to Progress Against Chronic Myelogenous Leukemia
Signaling Networks: The Cell’s Circuitry
The Long and Winding Road to Genomic Medicine
Many Mutations, a Single Outcome: Growth Advantage
Follow the Signs to Cancer Prevention, Detection, Diagnosis, and Treatment
Effective Losses with a Significant Impact