BRUCE ALBERTS, Professor Emeritus
University of California, San Francisco
Molecular, Cellular and Developmental Biology

EDUCATION
PhD, Harvard University, 1963
AB, Harvard College, Biochemical Sciences, 1960

EMPLOYMENT
University of California, San Francisco, Dept of Biochem/Biophysics, 1976 – 1990; 1995-present
Princeton University, 1966-76

ACCOMPLISHMENTS/AWARDS
Editor-in-Chief, Science, 2000-present

Co-chair of the **InterAcademy Council,** 2000-present
An organization in Amsterdam governed by the presidents of 15 national academies of sciences and established to provide scientific advice to the world

Recipient of the 2010 **Vannevar Bush Award**, presented by the National Science Board (NSB), in recognition of his lifetime contributions to the United States in science and technology.

American Institute of Biological Sciences, Education Award (2009)

President of the **National Academy of Sciences,** 1993 – 2005
Developed the landmark National Science Education standards that have been implemented in school systems nationwide.

United States Science Envoy, 2009-present

2005- 2008 President-Elect; President (2007), **American Society for Cell Biology**

Earned many honors and awards, including 16 honorary degrees.

Currently serves on the advisory boards of more than 25 non-profit institutions,
including the Gordon and Betty Moore Foundation, and the Lawrence Berkeley National Laboratory.

Fellow, **American Association for the Advancement of Science** (1987)

Member, **National Academy of Sciences** (elected 1981)

American Cancer Society Lifetime Research Professorship (awarded 1980)

Fellow, **American Academy of Arts and Sciences** (elected 1978)

Author, **Molecular Biology of the Cell,** 2007
Considered the leading textbook of its kind and used widely in U.S. colleges and universities.

Author, **Essential Cell Biology**, 1998
Intended to approach this subject matter for a wider audience

RESEARCH INTERESTS

Extensive study of the protein complexes that allow chromosomes to be replicated, as required for a living cell to divide.

Pedagogical innovations for increasing student understanding of biology in large undergraduate classes through active and collaborative learning.

(Sources: http://biochemistry.ucsf.edu/labs/alberts,
http://www.research.gov/rgov/anonymous.portal?_nfpb=true&_windowLabel=news_1_1&news_1_1_actionOverride=%2Fgov%2Fresearch%2Fcore%2Fcms%2Fnews%2Fbegin&news_1_1nodePath=%2FBEA+Repository%2Fnews%2Fitems%2F1270491830623&_pageLabel=page_latest_news,
http://www.climatescience.gov/Library/bios/alberts.htm,
http://www.pnas.org/content/102/26/9109.long)