

# Dr. Lovell Jones

## Biography

Professor Emeritus  
The University of Texas  
M. D. Anderson Cancer Center

Professor Emeritus  
The University of Texas  
Graduate School of Biomedical Sciences

Adjunct Professor  
Department of Medicine  
Baylor College of Medicine

Research Faculty  
Texas A & M University  
Corpus Christi

Dr. Jones is the founding co-chair of the Intercultural Cancer Council, the nation's largest multicultural health policy group focused on minorities, the medically underserved and cancer. He has edited "Minorities & Cancer," one of the few comprehensive textbooks on this subject. He is the founding chair of "Minorities, the Medically Underserved and Cancer," the nation's largest multicultural conference which provides a forum for exchanging the latest scientific and treatment information. This biennial conference brings together people from all ethnic communities and social strata to share strategies for reducing the incidence of cancer among these populations. Dr. Jones also has spearheaded regional hearings on cancer and the poor for the American Cancer Society. In 2002, Dr. Jones, along with Dr. Armin Weinberg, the other cofounder of the Intercultural Cancer Council, received the Humanitarian Award from the American Cancer Society.

From 1989 to 1995, Dr. Jones was co-principal investigator of the National Black Leadership Initiative on Cancer, the first major minority outreach project sponsored by the National Cancer Institute. He has served on the board of directors of the National Coalition for Cancer Survivorship, the National Advisory Environmental Health Sciences Council of the National Institutes of Health (NIH) and the Prostate Health Council of the American Foundation for Urologic Diseases. Dr. Jones also served on the Institute of Medicine's Roundtable for Environmental Health Sciences, Research and Medicine and on the Environmental Protection Agency's Scientific Advisory Panel. He currently serves on the Advisory Council for The Benjamin Banneker Institute for Science and Technology and the Partnership for Prevention as well as a number of other national advisory committees.

In 1991, Dr. Jones chaired the Training Session of the Strategic Fact-Finding Meetings on Minority Health and Training in Biomedical Sciences for the Office of the Associate Director for Research on Minority Health (now the National Center on Minority Health & Health Disparities (NCMHD) at the NIH. He also participated in a 1994 review of the activities of the Office of Research on Minority Health at NIH. A co-author of the congressional resolution that designated the third week in April as "National Minority Cancer Awareness Week," Dr. Jones was honored in May 2000 on the floor of the U. S. House of Representatives for his work addressing health disparities among the underserved.

He has served on the Breast Cancer Integration Panel for the Department of Defense and has published over 100 scientific articles on subjects ranging from hormonal carcinogenesis to health policy. His work with estrogen has led to major findings, including the discovery that compounds labeled as weak environmental estrogens may cause adverse effects when exposure occurs during a critical time of development. Because of these results, researchers have begun to rethink when they define environmental estrogens as weak.

In founding the Health Disparities, Education, Awareness, Research & Training (HDEART) Consortium, the efforts are now extending globally. As part of this web page, you will find more information on the effort of HDEART and its attempt to address health disparities utilizing the "Biopsychosocial Model".

## Education and Training

- Ford Foundation Fellow, Cancer Research Laboratory, University of California at Berkeley
- Ph.D., University of California at Berkeley. Field: Zoology. Emphasis: Endocrinology and Tumor Biology
- Postdoctoral Fellow, Reproductive Endocrinology Center, University of California at San Francisco

## Research Interests

- The relationship between hormones, diet and endocrine-responsive tumors
- How natural and environmental estrogenic agents may initiate cancers in hormonally responsive tissue
- Dr. Jones' group published the first report of a cultured, immature, mammary gland cell line with a functioning estrogen receptor. This research may allow scientists to study how breast cancer cells respond to environmental estrogens

## Current Research

Between 1980 and 2013, Dr. Jones received more than \$35 million in research funding for studies in which he was the principal investigator. During his career, Dr. Jones has received research support from the National Institutes of Health, the Rockwell Foundation, Walton Family Foundation, Kellogg Company, Kellogg Foundation, American Health Foundation, Houston Endowment, Inc., Exxon-Mobil Foundation, Centers for Disease Control & Prevention, and the State of Texas. Some current research projects include:

- The Women's Healthy Eating and Living (WHEL) Study, which is investigating the role of diet in preventing tumor recurrence in breast cancer survivors. Sponsor: NIH
- The African American Women's Nutrition for Life Project, which is investigating the role of diet and exercise on reducing the risk of breast cancer in premenopausal African American women. Sponsor: American Cancer Society
- The EXPORT Grant, which is investigating the relationship between the environment and genes in the development of disease in migrant farm worker children, as well as developing an educational program to address the lack of underrepresented minorities and medically underserved individuals. As part of this grant, the first Asian American Health Needs Assessment will be undertaken in the State of Texas. Sponsor: National Institutes of Health/National Center for Minority Health and Health Disparities
- The SCIENCE Project, which supports addressing the issue of science education in elementary schools

## Memberships

- American Association for Cancer Research
- Endocrine Society
- International Association for Breast Cancer Research
- American Society of Zoologists
- American Association for the Advancement of Science
- New York Academy of Science
- Sigma Xi
- Society for the Study of Reproduction
- International Society for Comparative Oncology

Years at M. D. Anderson: Since 1980