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John H. (Jack) Gibbons
Bio - Short
www.johnhgibbons.org
jackgibbons@hughes.net

Jack Gibbons, Ph.D. (Physics, 1954), conducted experiments for 15 years (mostly at Oak Ridge) in nuclear structure, with emphasis on neutron capture reactions, key to understanding nucleosynthesis of heavy elements inside stars. His growing interest in resource conservation and environment resulted in his undertaking work on technologies for increased efficiency throughout the system that provides energy services.

He was the first Director of the U.S. Office of Energy Conservation (1973-1974) and later led related studies at The National Academies and OTA. He directed the Congressional Office of Technology Assessment (OTA) (1979-1992) and then moved to the White House as Assistant to the President for Science and Technology (Science Advisor to President Bill Clinton), and Director of the Office of Science and Technology Policy (OSTP). Since leaving government in 1998 he served as Senior Advisor to the U.S. Department of State where he assisted the Secretary in creating the position of Science Advisor to the Secretary. He was the Compton Lecturer at MIT (1998-1999), Senior Fellow at the National Academy of Engineering (1999-2000), and President of Sigma Xi (2000-2001). He serves on a number of Boards and Committees in both the public and private sectors. He chaired the Board of Population Action International (2003-2006) and remains a member of the Board. He has received numerous national and international awards, six honorary doctorates, and is the author of about 100 publications and books, including *Energy: The Conservation Revolution (with William U. Chandler)* (1981) and *This Gifted Age: Science and Technology at the Millennium* (1997). In 2007, he was honored with the lifetime achievement award in energy efficiency by the Alliance to Save Energy. In June 2009 he was inducted into the Johnson Controls/U.S. Energy Association Hall of Fame as a pioneer in energy policy and implementation.

In 2008 Dr. Gibbons served on Virginia Governor Timothy Kaine's Commission on Climate Change. In December 2008 he joined the Board of the Environmental and Energy Study Institute (EESI), a Washington non-profit established in 1984 by a bipartisan group of Congressional leaders. EESI informs Congress about energy and environmental issues and facilitates action by them.

Gibbons received his Bachelor's Degree in Mathematics and Chemistry from Randolph-Macon College (1949) and his Ph.D. (physics) from Duke University (1954).

He has written extensively in the areas of national science and technology policy, energy supply and demand, conservation, resource management, nuclear physics, and origins of solar system elements. *Energy: The Conservation Revolution* (1981) is co-authored with William U. Chandler. *This Gifted Age: Science and Technology at the*

Millennium (1997), comprises selections from his writings spanning over 30 years in public service.