



Union of Concerned Scientists

Citizens and Scientists for Environmental Solutions

Restoring Scientific Integrity in Policymaking Signer Fact Sheet

The signers of the Restoring Scientific Integrity statement include many of the leading figures in basic and applied scientific research in recent decades across a wide range of fields:

Biology & Medicine

David Baltimore (NP-75), retroviruses such as HIV; Paul Berg (NP-80), recombinant DNA; Roger Guillemin (NP-77), neuroendocrinology; Kandel (NP-00), neurobiology; Harold Varmus (NP-89), genetic basis of cancer. Thomas Eisner and E.O. Wilson are widely viewed as the world's leading entomologists.

Physics

Philip Anderson (NP-77) and J. Robert Schrieffer (NP-72), solid state physics, especially superconductivity; Nicolaas Bloembergen (NP-81), nonlinear optics; Val Fitch and James Cronin (NP-80), Jerome Friedman (NP-90), and Leon Lederman (NP-88), the most seminal experiments in elementary particle physics; Norman Ramsey (NP-89), atomic and molecular spectroscopy; Edwin Salpeter, energy production in stars and other astrophysical phenomena; Steven Weinberg (NP-79) and Edward Witten, the basic constituents and forces of matter.

Chemistry

Walter Kohn (NP-98), quantum theory of atomic and molecular structure; William Lipscomb (NP-76), nature of chemical bonding; Mario Molina and F. Sherwood Rowland (NP-95), formation and decomposition of ozone in the atmosphere, and implications for the greenhouse effect; and Richard Smalley (NP-96), nanotechnology.

Presidents of AAAS

Jane Lubchenco, Leon Lederman, and F. Sherwood Rowland have served as president of the American Association for the Advancement of Science (AAAS).

Advisors of Republican Administrations

Lewis Branscomb, Director of National Bureau of Standards (now NIST), Nixon; Richard Garwin, Presidential Science Advisory Committee (PSAC), Eisenhower and Nixon; W.H.K. Panofsky, PSAC, Eisenhower; Norman Ramsey, Science advisor to NATO, Eisenhower; Herbert F. York, first director of Livermore National Laboratory, PSAC, and Director of Defense R&D, Eisenhower

Nobel Laureates and National Medal of Science

The list includes 20 Nobel laureates and 19 recipients of the National Medal of Science, an award given by the President of the United States to individuals "deserving of special recognition by reason of their outstanding contributions to knowledge in the physical, biological, mathematical, or engineering sciences."

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