

Oklahoma ACS Meeting

Thursday 14 October 2010

AMERICAN SCIENCE POLICY HOW THE SAUSAGE IS MADE

Dr. Donald M. Burland

National Science Foundation (retired)



The mechanisms by which the Federal Government supports basic scientific research and education can seem to the outsider to be confusing and untidy. Support is spread over a number of agencies including the National Science Foundation, the Department of Defense, the Department of Energy and the National Institutes of Health to name only a few. In this presentation, the history of science funding in the U.S. will be outlined, the mechanisms by which funding is authorized and appropriated by Congress described, and the rationale for Government support of basic research detailed.

6:00 pm Social Hour

6:30 pm Dinner

7:30 pm Presentation

Stillwater Plaza Hotel & Conference Center

600 E McElroy Rd

Stillwater, OK 74075

<http://www.stillwaterplaza.com>

Menu

Mexican Buffet

Cost

\$20 members

\$5 students

RSVP Deadline

Monday, Oct 11st, 5 pm

Contact Nick Materer

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Donald M. Burland Biographical Sketch

Dr. Burland received an A.B. degree from Dartmouth College and a Ph.D. degree in chemistry and physics from the California Institute of Technology. After a two year post-doctoral stint at the University of Leiden, The Netherlands, he joined IBM's Research Division where he served in various research and management positions for 26 years. In 1997, he joined the National Science Foundation's Division of Chemistry where he was Executive Officer and Acting Division Director. He has been a Consulting Professor in the Chemical Engineering Department at Stanford University and is currently a Visiting Scientist in the Chemistry Department at the University of Virginia. He is a Fellow of the American Physical Society, has been a member of the National Academy of Science's Chemical Sciences Roundtable and the ACS's International Affairs Committee. His research interests have included charge transport in crystalline and amorphous systems, nonlinear optical properties of polymers and femtosecond laser spectroscopy. He has also directed groups studying the physics and chemistry underlying electrophotographic printing and magnetic storage.