

George Hoffman's curriculum vitae

Academics

BS, 1944, and MS, 1948 in Mechanical Engineering, Case Institute of Technology.
ScD (Applied Mechanics), Harvard University, 1950.
Lecturer, UCLA Engineering Department: taught Statics, Dynamics, Properties of Materials, etc.
Associate professor, University of Southern California, Industrial Engineering Department.
Audited 22 courses at UCSC, attended E&MS seminars.

Publications sampler

Forecasting the US Market for Windpower, (with Ken Garges), 1996 IECEC Conference.
The US Fuel Industry in the 21st Century, pages 103-109 in 'Energy and Social Change', J. O'Toole ed., The MIT Press, 1978
The Automotive Energy Crisis and the Design of the H₂ Bus, AIAA Lecture VI. 12, Oct.1973
The Costs of High Speed Ground Transportation, Chapter 11 of 'Economics of Engineering and Social Systems', J. M. English ed., Wiley-Interscience, (John Wiley & Sons), 1972
Power Systems for Hybrid Electric Vehicles, U.S. H.E.W. publication No. PHS.999-A.P.37, 1967
The Future City, Saturday Review, 7 August 1965
The Electric Automobile, Scientific American, Volume 215, No. 4 , October 1966.
Electric Motor Cars, RAND Research Memorandum RM 3298 FF, March 1963.
The Automobile -- Today and Tomorrow, Highway Research Board, National Academy of Sciences, 1962.
Optimal Proportions of Pressure Vessel Heads, Journal of Applied Mechanics, 29, 4, Dec.1962
What Can We Do With Whiskers?, The New Scientist, Vol. 9, Number 216, January 1961
Beryllium For Flight Structures, a chapter in 'Space Handbook of Astronautics', Random House, 1959.
Plastic Flow Through an Orifice, doctoral dissertation, Harvard ,1951.

Volunteer work

1999 - now	Docent, Seymour Center, LML at the UCSC Marine Science Campus
1998 - now	Tour guide: tidepools, monarch butterflies at Natural Bridges State Beach
1992 - 2001	Research Associate, Economics Department, UCSC
1996	Presentation of Prof. Childs' WWII photos, UCSC course History 80W
1951 - 1991	Aerospace engineer and cost estimator: Lockheed, Hughes, RAND, North American Aviation, McDonnell-Douglas, TRW, etc.
1960 -1969	Director, Consumers Union of America, publishers of <i>Consumer Reports</i>
1951	US Air Force Reserve, 1st Lieutenant
1944 -1946	US Army, Sergeant