

Brief Biography for Dr. Steven J. Hausman

Dr. Steven J. Hausman, following his 31 year career at the National Institutes of Health (NIH) as a scientist and senior executive, is currently a technology consultant and professional speaker on emerging technologies that include nanotechnology, 3D printing, bionics and human enhancement, robotics, wearable technology, biometrics, the Internet of Things, brain-machine interfaces and much more.

Education and Work Experience

Dr. Hausman graduated with an B.A. from the University of Pennsylvania in 1967 and received his Ph.D. from the same institution in 1972 in the field of immunogenetics and transplantation biology. After completing a postdoctoral fellowship at the Institute for Cancer Research in Philadelphia he joined the NIH as a Staff Fellow in the intramural research program of the National Institute on Aging. He then joined the then-named National Institute of Arthritis, Metabolism and Digestive Diseases as Special Assistant to the Associate Director for Arthritis, Bone and Skin Diseases, became Director of the Arthritis Centers Program in the same Institute and then was subsequently appointed Deputy Director of the Division of Arthritis and Musculoskeletal and Skin Diseases. When the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) was created in 1986 he initially organized and managed the Extramural Program. In 1990 he was appointed as the first Deputy Director of the NIAMS and served in that position until 2007. He concurrently was also Director of the Extramural Program from 1995 to 2002 and managed a budget of approximately \$400 million.

Recognition

Dr. Hausman is a recipient of the NIH Director's Award (NIH's highest award), the Public Health Service Exceptional Achievement Award, the NIH Equal Employment Opportunity Award, a recognition award from Montgomery County Maryland for his service on the Agricultural Advisory Committee, an award from the Lupus Foundation of America in recognition of his support for lupus research and the Outstanding Ethics Program Award from the Office of Government Ethics for the quality of his stewardship of the NIAMS Ethics Program. He is cited in American Men and Women of Science, Who's Who In America, Who's Who in Science and Engineering and Who's Who in Medicine and Healthcare. Because of his interest in advocating for individuals with disabilities Dr. Hausman was appointed to membership on, and elected Chair of, the NIH Diversity Council.

Technology

Based on his strong background in information technology Dr. Hausman was asked to manage the effort to convert all incoming paper grant applications (at a level of approximately 80,000 per year) to electronic format via an enterprise-wide scanning effort. Following the success of this project Dr. Hausman assumed the role of NIH Advocate for Advanced Technologies, organized the NIH Advanced Technologies Scientific Interest Group and was a member of the trans-NIH Nanotechnology Task Force. He is an Expert Panel Member of Techcast Global with forecasting

certifications in emerging technologies, social trends and wild cards.

Ethics and Compliance

Dr. Hausman has 19 years of experience in ethics and compliance. As a Deputy Ethics Counselor he co-organized and chaired the national NIH Conference on Institutional Conflict of Interest. He led the trans-NIH committee to develop an enterprise-wide ethics data system to enable all ethics activities to be conducted on-line in a paperless fashion, was the Sponsoring Partner member representative of the national Ethics and Compliance Officer Association and, following his retirement from federal service, has been a consultant to a number of federal agencies on their conflict-of-interest ethics programs.

Professional Affiliations

His professional affiliations include the: American Association for the Advancement of Science, American Association of Immunologists, American Chemical Society, American Society for Cell Biology, Society for In Vitro Biology, Transplantation Society, National Speakers Association and the Global Speakers Federation.

Board Experience

He is a former member of the Health Sector Advisory Board of the National Interest Security Company and currently serves on the Board of Ethics of the Washington Suburban Sanitary Commission (after having completed a term of 18 months as Chair), the Audit Committee for the Foundation for Advanced Education in the Sciences, and as a board member of a local community choral group.

Current Activities

Following his retirement from federal service in January 2007 he founded Hausman Technology Keynotes to provide educational and consultative services about the fundamentals of, and latest developments in, a variety of emerging technologies that include nanotechnology, 3D printing, robotics, bionics and human enhancement, aging research, brain-machine interactions, Radio Frequency IDentification (RFID), and biometrics, among others.