

Some Pledges for Scientists and Engineers

1 Student Pugwash Pledge

Student Pugwash USA, www.spusa.org/pledge/

I promise to work for a better world, where science and technology are used in socially responsible ways. I will not use my education for any purpose intended to harm human beings or the environment. Throughout my career, I will consider the ethical implications of my work before I take action. While the demands placed upon me may be great, I sign this declaration because I recognize that individual responsibility is the first step on the path to peace.

2 Scientists' and Engineer's Pledge to Renounce Weapons of Mass Destruction

Los Alamos Study Group (www.lasg.org), Natural Resources Defense Council (www.nrdc.org), Tri Valley CAREs (www.trivalleycares.org), Western States Legal Foundation (www.wslfweb.org).

I pledge never to participate in

- *the design, development, testing, production, maintenance, targeting, or use of nuclear, biological, or chemical weapons or their means of delivery; or in*
- *research or engineering that I have reason to believe will be used by others to do so.*

3 Graduation Pledge of Social and Environmental Responsibility

Graduation Pledge Alliance, www.graduationpledge.org

I pledge to explore and take into account the social and environmental consequences of any job I consider and will try to improve these aspects of any organizations for which I work.

4 Charles Schwartz's oath for UCB physics students

The purpose of science should be the general enhancement of life and not the causing of harm to man. I affirm that I will uphold this principle, in teaching and in practice of my science, to the best of my ability and judgement. (1970)

Historical note: Prof. Schwartz was formally reprimanded by UCB Chancellor Robert W. Heynes, for requiring students in a physics class he taught, Physics 222, to take this oath. See the interview at www.aip.org/history/ohilist/5913.html for a fascinating oral history (interview with Dr. Charles Schwartz by Patrick Catt at the University of California, Berkeley, on July 19, 1995, Niels Bohr Library & Archives, American Institute of Physics, College Park, MD USA).