

The Future of Each... and the Good of All...

A statement by 100 Nobel laureates on the 100th anniversary of the Nobel prize

The most profound danger to world peace in the coming years will stem not from the irrational acts of states or individuals but from the legitimate demands of the world's dispossessed. Of these poor and disenfranchised, the majority live a marginal existence in equatorial climates. Global warming, not of their making but originating with the wealthy few, will affect their fragile ecologies most. Their situation will be desperate and manifestly unjust.

It cannot be expected, therefore, that in all cases they will be content to await the beneficence of the rich. If then we permit the devastating power of modern weaponry to spread through this combustible human landscape, we invite a conflagration that can engulf both rich and poor. The only hope for the future

lies in co-operative international action, legitimized by democracy.

It is time to turn our backs on the unilateral search for security, in which we seek to shelter behind walls. Instead, we must persist in the quest for united action to counter both global warming and a weaponized world.

These twin goals will constitute vital components of stability as we move toward the wider degree of social justice that alone gives hope of peace.

Some of the needed legal instruments are already at hand, such as the Anti-Ballistic Missile Treaty, the Convention on Climate Change, the Strategic Arms Reduction Treaties and the Comprehensive Test Ban Treaty. As concerned citizens, we urge all governments to commit to these goals that constitute steps on the way to replacement of war by law.

To survive in the world we have transformed, we must learn to think in a new way. As never before, the future of each depends on the good of all.

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THE SIGNATORIES

Zhohres I. Alferov *Physics*, 2000
Sidney Altman *Chemistry*, 1989
Philip W. Anderson *Physics*, 1977
Oscar Arias Sanchez *Peace*, 1987
J. Georg Bednorz *Physics*, 1987
Bishop Carlos F.X. Belo *Peace*, 1996
Baruj Benacerraf *Physiology/Medicine*, 1980
Hans A. Bethe *Physics*, 1967
James W. Black *Physiology/Medicine*, 1988
Guenter Blobel *Physiology/Medicine*, 1999
Nicolaas Bloembergen *Physics*, 1981
Norman E. Borlaug *Peace*, 1970

Paul D. Boyer *Chemistry*, 1997
Bertram N. Brockhouse *Physic*, 1994
Herbert C. Brown *Chemistry*, 1979
Georges Charpak *Physics*, 1992
Claude Cohen-Tannoudji *Physics*, 1997
John W. Cornforth *Chemistry*, 1975
Francis H. Crick *Physiology/Medicine*, 1962
James W. Cronin *Physics*, 1980
Paul J. Crutzen *Chemistry*, 1995
Robert F. Curl *Chemistry*, 1996
His Holiness The Dalai Lama *Peace*, 1989
Johann Deisenhofer *Chemistry*, 1988
Peter C. Doherty *Physiology/Medicine*, 1996
Manfred Eigen *Chemistry*, 1967

Richard R. Ernst *Chemistry, 1991*
Leo Esaki *Physics, 1973*
Edmond H. Fischer *Physiology/Medicine, 1992*
Val L. Fitch *Physics, 1980*
Dario Fo *Literature, 1997*
Robert F. Furchgott *Physiology/Medicine, 1998*
Walter Gilbert *Chemistry, 1980*
Sheldon L. Glashow *Physics, 1979*
Mikhail S. Gorbachev *Peace, 1990*
Nadine Gordimer *Literature, 1991*
Paul Greengard *Physiology/Medicine, 2000*
Roger Guillemin *Physiology/Medicine, 1977*
Herbert A. Hauptman *Chemistry, 1985*
Dudley R. Herschbach *Chemistry, 1986*
Antony Hewish *Physics, 1974*
Roald Hoffman *Chemistry, 1981*
Gerardus 't Hooft *Physics, 1999*
David H. Hubel *Physiology/Medicine, 1981*
Robert Huber *Chemistry, 1988*
Francois Jacob *Physiology/Medicine, 1975*
Brian D. Josephson *Physics, 1973*
Jerome Karle *Chemistry, 1985*
Wolfgang Ketterle *Physics, 2001*
H. Gobind Khorana *Physiology/Medicine, 1968*
Lawrence R. Klein *Economics, 1980*
Klaus von Klitzing *Physics, 1985*
Aaron Klug *Chemistry, 1982*
Walter Kohn *Chemistry, 1998*
Herbert Kroemer *Physics, 2000*
Harold Kroto *Chemistry, 1996*
Willis E. Lamb *Physics, 1955*
Leon M. Lederman *Physics, 1988*
Yuan T. Lee *Chemistry, 1986*
Jean-Marie Lehn *Chemistry, 1987*
Rita Levi-Montalcini *Physiology/Medicine, 1986*
William N. Lipscomb *Chemistry, 1976*
Alan G. MacDiarmid *Chemistry, 2000*
Daniel L. McFadden *Economics, 2000*
César Milstein *Physiology/Medicine, 1984*
Franco Modigliani *Economics, 1985*

Rudolf L. Moessbauer *Physics, 1961*
Mario J. Molina *Chemistry, 1995*
Ben R. Mottelson *Physics, 1975*
Ferid Murad *Physiology/Medicine, 1998*
Erwin Neher *Physiology/Medicine, 1991*
Marshall W. Nirenberg *Physiology/Medicine, 1968*
Joseph E. Murray *Physiology/Medicine, 1990*
Paul M. Nurse *Physiology/Medicine, 2001*
Max F. Perutz *Chemistry, 1962*
William D. Phillips *Physics, 1997*
John C. Polanyi *Chemistry, 1986*
Ilya Prigogine *Chemistry, 1977*
Burton Richter *Physics, 1976*
Heinrich Rohrer *Physics, 1987*
Joseph Rotblat *Peace, 1995*
Carlo Rubbia *Physics, 1984*
Bert Sakmann *Physiology/Medicine, 1991*
Frederick Sanger *Chemistry, 1958; 1980*
José Saramago *Literature, 1998*
J. Robert Schrieffer *Physics, 1972*
Melvin Schwartz *Physics, 1988*
K. Barry Sharpless *Chemistry, 2001*
Richard E. Smalley *Chemistry, 1996*
Jack Steinberger *Physics, 1988*
Joseph E. Stiglitz *Economics, 2001*
Horst L. Stormer *Physics, 1998*
Henry Taube *Chemistry, 1983*
Joseph H. Taylor Jr. *Physics, 1993*
Susumu Tonegawa *Physiology/Medicine, 1997*
Charles H. Townes *Physics, 1964*
Daniel T. Tsui *Physics, 1998*
Archbishop Desmond M. Tutu *Peace, 1984*
John Vane *Physiology/Medicine, 1982*
John E. Walker *Chemistry, 1997*
Eric F. Wieschaus *Physiology/Medicine, 1982*
Jody Williams *Peace, 1997*
Robert W. Wilson *Physics, 1978*
Ahmed H. Zewail *Chemistry, 1999*

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