



Ahmed Zewail

26 février 1946 – 2 août 2016

Ahmed Zewail avait été élu associé étranger de l'Académie le 21 juin 2005 dans la section de chimie. Prix Nobel de chimie en 1999, Ahmed Zewail était professeur au *California Institute of Technology* (États-Unis). Ses travaux ont permis d'observer en temps réel, c'est-à-dire dans la gamme des femtosecondes, le déroulement le plus intime d'une réaction chimique. Il est devenu possible de comprendre de visu toute la subtilité et la dynamique des molécules au cours des actes chimiques et biologiques les plus élémentaires. Membre de la *National Academy of Sciences* américaine, ainsi que de nombreuses autres Académies, Ahmed Zewail était lauréat entre autre du Prix Wolf en Chimie (1993) et de l'*Albert Einstein World Award* (2006).

Curriculum vitae

1974	Ph. D. University of Pennsylvania, Philadelphia (USA)
1974-1976	IBM Postdoctoral Fellow, University of California, Berkeley (USA)
1976-1978	Assistant Professor of Chemical Physics, California Institute of Technology (Caltech) (USA)
1981	Visiting Professor, Université de Bordeaux
1978-1982	Associate Professor of Chemical Physics, Caltech
1983	Visiting Professor, École Normale Supérieure, Paris
1982-1989	Professor of Chemical Physics, Caltech
1990-1994	Linus Pauling Professor of Chemical Physics, Caltech
1995	Visiting Professor, Collège de France, Paris
1995-present	Linus Pauling Professor of Chemistry and Physics, Caltech
1996-present	Director, NSF Laboratory for Molecular Sciences, Caltech
2004-2005	Blaise Pascal Honorary Professorship, École normale supérieure, Paris
2005-present	Director, Physical Biology Center, Caltech

Membership

- 1989 Member of the National Academy of Sciences (USA)
- 1989 Member of the Third World Academy of Sciences
- 1993 Member of the American Academy of Arts and Sciences
- 1999 Member of the Académie pontificale des Sciences (Le Vatican)
- 1999 Member of the American Academy of Achievement
- 2000 Member of the Royal Danish Academy of Sciences and Letters
- 2001 Member of the Indian Academy of Sciences
- 2001 Foreign Member of the Royal Society (London)
- 2002 Foreign Fellow of the Indian National Science Academy
- 2002 Honorary Foreign Member of the Korean Academy of Science and Technology
- 2002 Honorary Fellow of the African Academy of Sciences (Kenya)

2003 Foreign Member of the Russian Academy of Sciences
2003 Foreign Member of the Royal Swedish Academy of Sciences
2003 Foreign Member of the Royal Academy of Belgium
2004 Honorary Member of the European Academy of Sciences

Awards

1989 King Faisal International Prize for Science (Saudi Arabia)
1990 First Linus Pauling Chair, Caltech
1993 Wolf Prize in Chemistry
1995 Leonardo da Vinci Award (France)
1997 Robert A. Welch Award in Chemistry
1998 Benjamin Franklin Medal, The Franklin Institute
1999 Nobel Prize in Chemistry
1999 Order of the Grand Collar of the Nile
2000 Médaille de l'Institut du Monde Arabe
2006 Albert Einstein World Award